

EMMETI

Engineered
Water Solutions



Built-In
Wifi Module



Boiler Plus
Compliant

zōna™



GEO-Location



Optimum Start



Smart Device
Control



ZONA™

NEW Product

COMFORTABLE HOMES **THE SMART WAY**



Our ZONA™ smart controls are our most advanced yet. The wifi controlled heating thermostat allows remote control and monitoring of your heating system which complement the EMMETI systems controls range perfectly.

Featuring GEO-location and optimum start for increased efficiency of the heating system the ZONA™ range is fully Boiler Plus compliant and smart home enabled integrating simply with Amazon Alexa and Google Assistant.





Engineered
Water
Solutions



A Global Name in Heating Solutions

Founded over 40 years ago, EMMETI is today part of the Rettig Group and a global supplier of specialist underfloor heating components and is a heating solutions provider, supplying boilers, air-conditioning, heat interface units (HIU), underfloor heating (UFH), control systems and plumbing brassware.

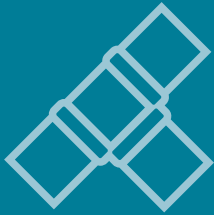
With annual sales of over 140 million Euros, the business employs 400 people worldwide with three plants in Italy and manufactures pipes, brassware and components and has subsidiaries in South America, Africa, Asia and throughout Europe. Able to offer both off-the-shelf components and fully optimised system packages for demanding applications such as multi-storey buildings, EMMETI enjoys a well deserved reputation for its technical expertise and aftersales support.

The UK's No.1 for Specialised Underfloor Heating

Established In 2004 and based in Oxfordshire, EMMETI UK are this year celebrating 15 years of service. EMMETI UK is a specialist supplier of UFH components, heating components and piping systems; and is one of the UK's largest suppliers of specialist underfloor heating systems, offering the full range of EMMETI products and benefitting from the company's unique technical expertise in providing tailored heating solutions.



GERPEX System Solutions



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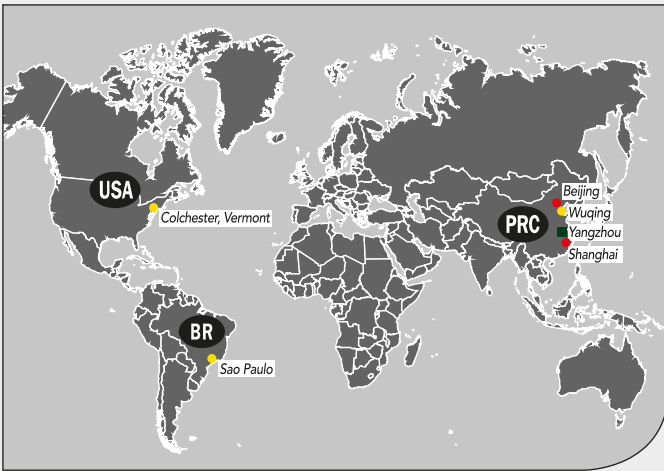
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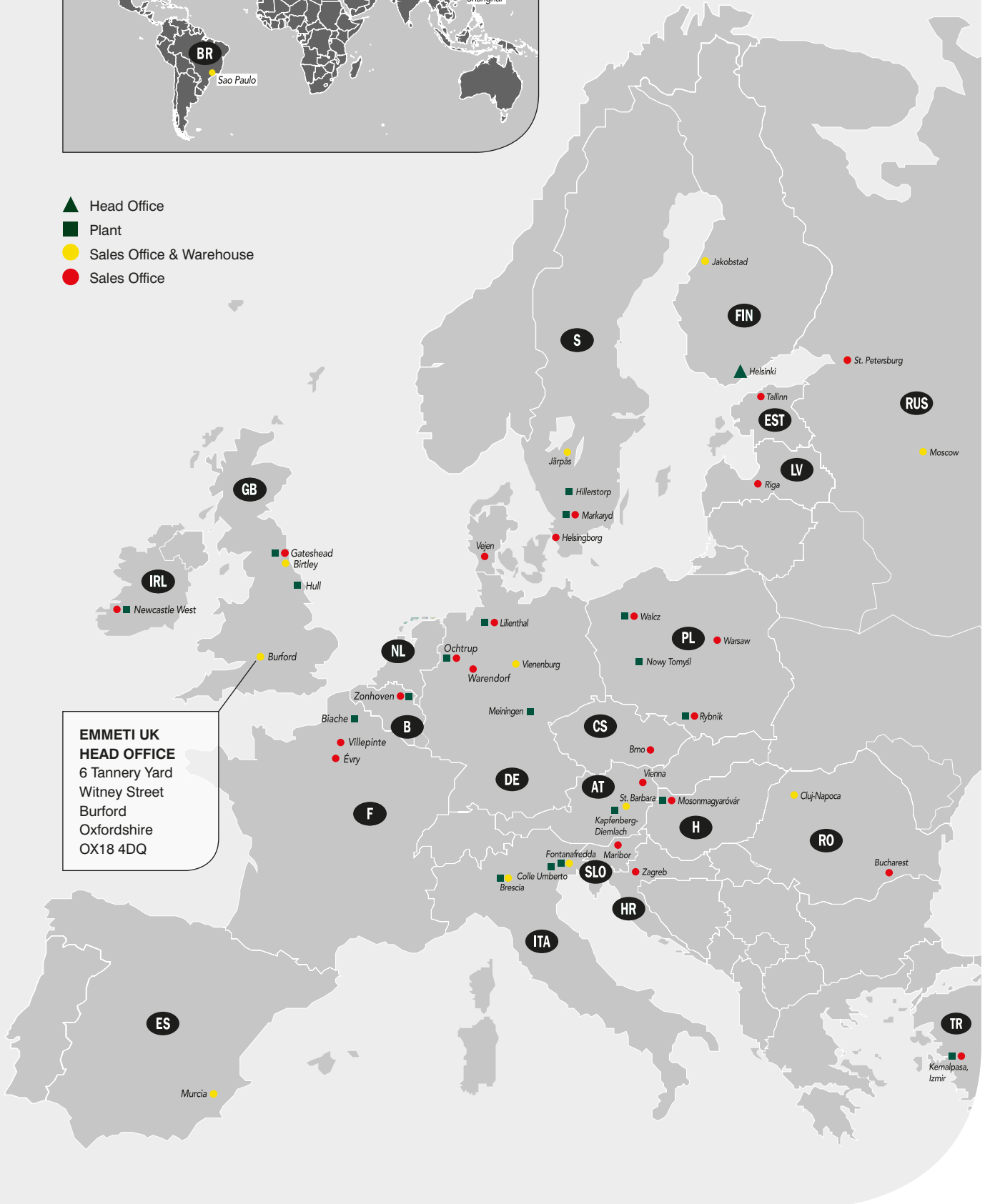
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For more information call **01993 824900** or visit **www.emmeti.co.uk**



- ▲ Head Office
- Plant
- Sales Office & Warehouse
- Sales Office



We have over **50 manufacturing, distribution, sales and marketing** locations across the globe

We manufacture and distribute from over **20 plants** across the world

We have customers in more than **50 countries**

Be Part of **Something Bigger**

EMMETI are one of the many brands which form part of the Rettig Group. The Rettig Group is a Finnish family business that creates value for generations through sustainable and long-term growth. The Rettig Group owns Rettig ICC - Europe's leading manufacturer of heat emitters.

Rettig ICC's UK brands include EMMETI, MYSON, PURMO and VOGEL&NOOT. Our state-of-the art production facilities are carefully located to service local markets, focussing on leading positions in selected markets and customer values.

As part of Rettig UK, EMMETI offer a wide range of plumbing and heating system solutions focussing on technical customer service and product performance to meet the market demands.



GERPEX

System Solutions



Gerpex is a full system solution approach, designed using MLCP and press fittings to act as a link between main heating and cooling points for optimum end-user comfort with the use of HIU's, manifolds, radiators, underfloor heating and zone controls. The EMMETI approach is to advise, support and supply the right systems for the right application.

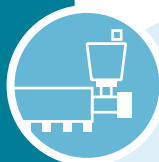
GERPEX

System Solutions

At EMMETI we offer an extensive range of high quality manifolds, controls, thermostats, pipes, and accessories required to form a full system solution.



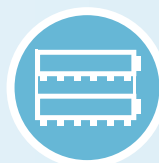
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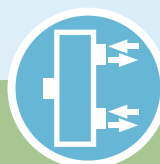
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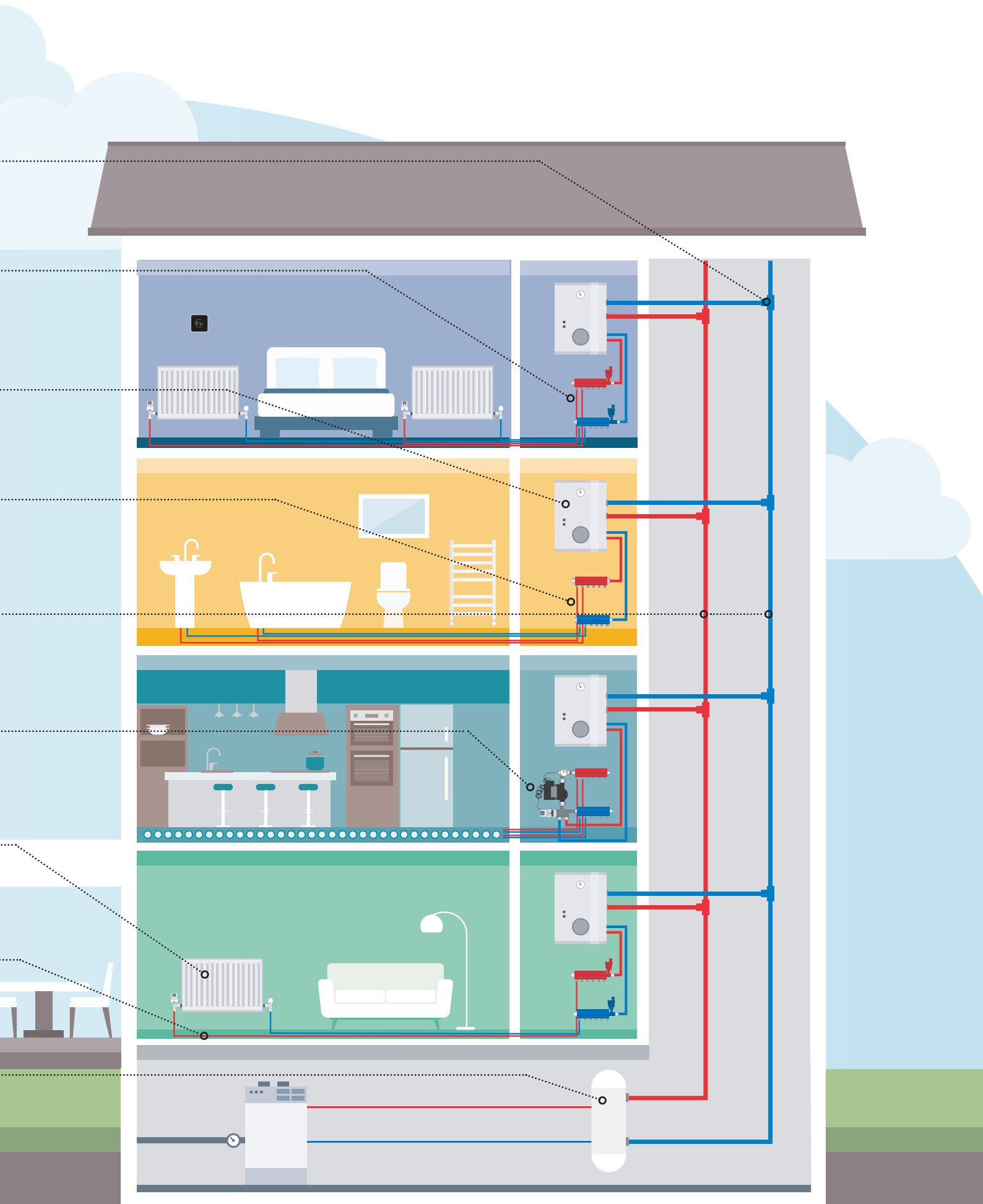
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GERPEX

Pipe and Fittings



Gerpex pipe and fittings are suitable for use in both domestic and commercial applications and are WRAS approved for use in hot and cold water supplies.

The Gerpex Multilayer Composite five layer Pipe (MLCP) is available in 16mm - 75mm outer diameter. The pipe comprises an inner layer of cross linked PE-Xb and an outer layer of PE-Xb upto and including 32mm whilst our PE-HD outer layer is used for pipe sizes 40mm - 75mm. All MLCP comes with an internal butt welded aluminium layer providing a solid oxygen barrier as well as giving rigidity and form retention to the pipe.

The Gerpex pipe fittings have been developed to be used with the Gerpex MLCP as a clean, simple and more efficient alternative to traditional jointing methods. The brass bodied press fittings with double O-ring technology are compatible with TH, B and F profiles. (See Pressing Profile Compatibility Chart on page 15). We also offer a range of Monoblocco fittings which have been developed to allow the Gerpex MLCP to be connected to our manifold systems and standard copper compression fittings in a range of sizes.

Gerpex Multilayer Composite Pipe (MLCP)

Gerpex MLCP (PE-X/AL/PE-X)

WRAS Approved



Description	Coil	Code	Unit Price £/m
16 x 2	100m	28106000	1.59
16 x 2	200m	28106010	1.59
16 x 2	500m	28106050	1.59
20 x 2	100m	28106004	2.09
20 x 2	200m	28106002	2.09
26 x 3	50m	28106006	3.67
32 x 3	50m	28106008	4.95

Description	4m Bar	Code	Unit Price £/m
16 x 2	96m*	28108010	2.09
20 x 2	96m*	28108014	2.68
26 x 3	40m*	28108016	4.87
32 x 3	28m*	28108018	6.74
40 x 3.5	20m*	28100090	17.89
50 x 4	20m*	28100092	24.03
63 x 4.5	12m*	28100094	35.19
75 x 5	12m*	28100070	61.06

Maximum operating pressure 10 bar, maximum operating temperature 95°C.

***Packs of 4m bar lengths, subject to transport surcharge, see carriage and delivery terms on page 146.**

Gerpex Insulated MLCP (PE-Xb-AL-PE-Xb)

WRAS Approved



Description	Insul. Thick	Coil	Code	Unit Price £/m
16 x 2	6mm	50m	28106108	2.48
16 x 2	6mm	100m	28106100	2.44
20 x 2	6mm	50m	28106104	3.03
20 x 2	9mm	50m	28106106	3.32
26 x 3	9mm	50m	28102880	5.06
32 x 3	9mm	25m	28102872	7.08

Maximum operating pressure 10 bar, maximum operating temperature 95°C.

Gerpex Multilayer Composite Pipe (MLCP) (continued)

Gerpex Insulated MLCP

WRAS Approved



Description	Colour/Insul. Thick	Coil	Code	Unit Price £/m
16 x 2	Red / 6mm	100m	28106140	2.44
16 x 2	Blue / 6mm	100m	28106142	2.44
20 x 2	Red / 6mm	50m	28106144	3.03
20 x 2	Blue / 6mm	50m	28106146	3.03
16 x 2	Blue / 10mm	50m	28102540	2.48
20 x 2	Blue / 13mm	50m	28102542	3.63
26 x 3	Blue / 13mm	25m	28102870	5.84
32 x 3	Blue / 13mm	25m	28102874	8.02

Maximum operating pressure 10 bar, maximum operating temperature 95°C.

Gerpex MLCP in Corrugated Conduit

WRAS Approved



Description	Colour	Coil	Code	Unit Price £/m
16 x 2	Red	50m	28102350	2.73
16 x 2	Blue	50m	28102360	2.73

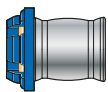
Maximum operating pressure 10 bar, maximum operating temperature 95°C.

Gerpex Fittings

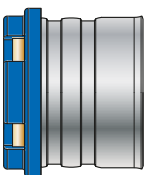
Pressing Profile Compatibility Options

Profile and dimensions of the jaws that can be used with Multi-jaw Gerpex Fittings.

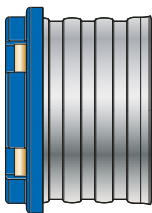
B - KSP 1
Size 16 ÷ 32



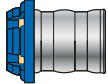
TH - KSP 11
Size 40



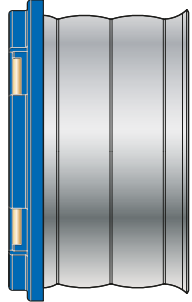
TH - KSP 11
Size 50 and 63



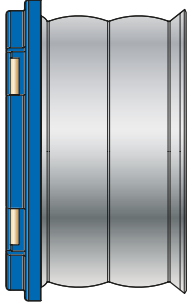
TH - KSP 11
Size 16 ÷ 32



TH - KSP 11
Size 75



F - KSP 2
Size 75



		SIZE							
		16	20	26	32	40	50	63	75
PROFILES	B	✓	✓	✓	✓				
	TH	✓	✓	✓	✓	✓	✓	✓	✓
	F								✓

Gerpex Fittings (continued)

Adaptor Female Union 16mm - 63mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	10	28102600	5.36
16mm x 3/4"	TH	10	28102598	6.09
20mm x 1/2"	TH	10	28102608	5.67
20mm x 3/4"	TH	10	28102606	6.39
26mm x 3/4"	TH	5	28102612	6.70
26mm x 1"	TH	5	28102610	8.89
32mm x 1"	TH	5	28102614	9.97
32mm x 1 1/4"	TH	1	28102620	15.74
40mm x 1 1/2"	TH	1	28102622	29.16
50mm x 2"	TH	1	28102624	49.49
63mm x 2 1/2"	TH	1	28102626	75.01

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Adaptor Female Union Elbow BSP 16mm - 20mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	1	28102630	5.79
20mm x 3/4"	TH	1	28102632	7.37

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Backplate Through Piece

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	5	28101688	23.02
20mm x 1/2"	TH	5	28101690	23.86

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Connector - MLCP to Copper

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
16 x 2 - 15mm	1	28110230	4.78
20 x 2 - 22mm	1	28110232	6.28
26 x 3 - 28mm	1	6109R026	9.81

A Monoblocco fitting developed to allow MLCP to be connected to standard copper compression fittings. For example, 16mm MLCP can be connected to a 15mm lever valve by using code 28110230.

Gerpex Fittings (continued)

Coupler Reducing 20mm - 75mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
20mm x 16mm	TH	10	28101430	6.76
26mm x 16mm	TH	5	28101434	8.84
26mm x 20mm	TH	5	28101436	9.00
32mm x 16mm	TH	5	28101512	12.24
32mm x 20mm	TH	5	28101514	12.42
32mm x 26mm	TH	5	28101516	13.01
40mm x 26mm	TH	1	28115500	23.83
40mm x 32mm	TH	1	28115100	24.12
50mm x 32mm	TH	1	28115502	35.23
50mm x 40mm	TH	1	28115110	37.62
63mm x 40mm	TH	1	28115120	50.23
63mm x 50mm	TH	1	28115130	53.08
75mm x 40mm	TH	1	28115556	109.20
75mm x 50mm	TH	1	28115558	110.50
75mm x 63mm	TH	1	28115560	112.40

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Coupler Straight 16mm - 75mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 16mm	TH	10	28101422	5.31
20mm x 20mm	TH	10	28101426	7.00
26mm x 26mm	TH	5	28101428	9.79
32mm x 32mm	TH	5	28101510	13.62
40mm x 40mm	TH	1	28115050	26.97
50mm x 50mm	TH	1	28115060	40.82
63mm x 63mm	TH	1	28115070	55.81
75mm x 75mm	TH	1	28115554	119.50

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Elbow Chromed 16mm x 15mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 15mm, L165.5mm	TH	10	28101708	13.32

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Elbow Equal 16mm - 75mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 16mm	TH	10	28101352	5.31
20mm x 20mm	TH	10	28101356	7.12
26mm x 26mm	TH	5	28101358	11.07
32mm x 32mm	TH	5	28101480	16.71
40mm x 40mm	TH	1	28115200	28.97
50mm x 50mm	TH	1	28115210	45.02
63mm x 63mm	TH	1	28115220	62.25
75mm x 75mm	TH	1	28115540	130.40

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Gerpex Fittings (continued)

Elbow Equal 40mm - 75mm 45°

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
40mm x 40mm	TH	10	28101720	30.92
50mm x 50mm	TH	6	28101722	43.73
63mm x 63mm	TH	4	28101724	60.61
75mm x 75mm	TH	1	28115542	122.50

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Elbow Female 16mm - 32mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	10	28101330	4.82
20mm x 1/2"	TH	10	28101334	5.67
20mm x 3/4"	TH	10	28101335	8.22
26mm x 3/4"	TH	5	28101336	8.65
32mm x 1"	TH	5	28101484	15.26

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Elbow Male 16mm - 63mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	10	28101342	4.69
20mm x 1/2"	TH	10	28101346	5.54
20mm x 3/4"	TH	10	28101347	8.04
26mm x 3/4"	TH	5	28101348	8.52
32mm x 1"	TH	5	28101482	14.77
40mm x 1 1/4"	TH	1	28115150	26.32
50mm x 1 1/2"	TH	1	28115160	36.82
63mm x 2"	TH	1	28115170	60.55

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Elbow Left Hand Terminal with Backplate 16mm - 20mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	5	28101630	12.95
20mm x 1/2"	TH	5	28101638	12.95

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Elbow Right Hand Terminal with Backplate 16mm - 20mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	5	28101632	12.89
20mm x 1/2"	TH	5	28101640	12.95

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Gerpex Fittings (continued)

Elbow Wall Mounted Female 16mm - 26mm

WRAS Approved



Description	Height	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	48mm	TH	10	28101300	6.76
16mm x 1/2"	68mm	TH	10	28116202	8.39
20mm x 1/2"	48mm	TH	10	28101304	7.43
20mm x 1/2"	68mm	TH	10	28116206	8.58
20mm x 3/4"	56mm	TH	10	28101696	11.50
26mm x 3/4"	56mm	TH	10	28101698	11.97

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Monoblocco 16mm - 20mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm - 24 x 19	TH	10	28101650	5.24
20mm - 24 x 19	TH	10	28101654	6.45

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Pipe Chrome Copper 15mm x 1/2"

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
15mm x 1/2" Male L175mm	TH	5	28101686	6.84

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Straight Female BSP 16mm - 32mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	10	28101454	4.28
20mm x 1/2"	TH	10	28101459	4.94
20mm x 3/4"	TH	10	28101460	6.58
26mm x 3/4"	TH	5	28101462	7.18
26mm x 1"	TH	5	28101464	10.65
32mm x 1"	TH	5	28101522	11.55

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Straight Male BSP 16mm - 75mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	10	28101440	3.96
20mm x 1/2"	TH	10	28101445	4.64
20mm x 3/4"	TH	10	28101446	5.49
26mm x 3/4"	TH	5	28101448	6.70
26mm x 1"	TH	5	28101450	9.97
32mm x 1"	TH	5	28101520	10.83
32mm x 1 1/4"	TH	5	28115510	19.03
40mm x 1"	TH	1	28115512	22.36
40mm x 1 1/4"	TH	1	28115000	20.96
50mm x 1 1/2"	TH	1	28115010	26.73
63mm x 2"	TH	1	28115020	38.52
75mm x 2 1/2"	TH	1	28115552	104.70

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Gerpex Fittings (continued)

Tee Branch Female BSP 16mm - 75mm

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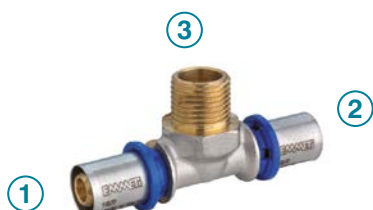
Description (1 x 2 x 3)	Profile	Pcs/Pack	Code	Unit Price £
16mm x 16mm x 1/2"	TH	5	28101400	6.76
16mm x 16mm x 3/4"	TH	5	28101401	11.92
20mm x 20mm x 1/2"	TH	5	28101404	8.47
20mm x 20mm x 3/4"	TH	5	28101405	12.35
26mm x 26mm x 1/2"	TH	5	28101702	14.27
26mm x 26mm x 3/4"	TH	5	28101408	13.27
32mm x 32mm x 3/4"	TH	5	28101494	23.46
32mm x 32mm x 1"	TH	5	28101496	22.17
40mm x 40mm x 3/4"	TH	1	28115350	47.38
40mm x 40mm x 1"	TH	1	28115360	46.90
40mm x 40mm x 1 1/4"	TH	1	28115530	78.83
50mm x 50mm x 3/4"	TH	1	28115370	52.28
50mm x 50mm x 1"	TH	1	28115380	51.20
50mm x 50mm x 1 1/4"	TH	1	28115532	82.60
63mm x 63mm x 1"	TH	1	28115390	72.99
63mm x 63mm x 1 1/4"	TH	1	28115400	71.17
75mm x 75mm x 1"	TH	1	28115550	182.70

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Please note branch description and size when ordering.

Tee Branch Male BSP 16mm - 26mm

WRAS Approved



Description (1 x 2 x 3)	Profile	Pcs/Pack	Code	Unit Price £
16mm x 16mm x 1/2"	TH	5	28101410	6.83
20mm x 20mm x 1/2"	TH	5	28101414	8.47
20mm x 20mm x 3/4"	TH	5	28101415	12.15
26mm x 26mm x 3/4"	TH	5	28101418	13.07

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Tee Chromed Copper with Pipe Branch

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
20mm x 20mm x 15mm	TH	5	28101694	16.01

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.
Branch length 290mm. Obsolete product, available while stocks last.

Tee Equal 16mm - 75mm

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 16mm x 16mm	TH	5	28101362	7.37
20mm x 20mm x 20mm	TH	5	28101366	9.86
26mm x 26mm x 26mm	TH	5	28101368	15.50
32mm x 32mm x 32mm	TH	5	28101490	23.46
40mm x 40mm x 40mm	TH	1	28115250	42.94
50mm x 50mm x 50mm	TH	1	28115260	65.97
63mm x 63mm x 63mm	TH	1	28115270	93.45
75mm x 75mm x 75mm	TH	1	28115544	193.80

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Gerpex Fittings (continued)

Tee Reducing 16mm - 75mm

WRAS Approved



Description (1 x 2 x 3)	Profile	Pcs/Pack	Code	Unit Price £
16mm x 16mm x 20mm	TH	5	28101396	9.44
20mm x 16mm x 16mm	TH	5	28101382	9.36
20mm x 20mm x 16mm	TH	5	28101372	9.68
20mm x 16mm x 20mm	TH	5	28101385	9.62
20mm x 20mm x 26mm	TH	5	28101398	14.42
20mm x 20mm x 32mm	TH	5	28101503	22.12
26mm x 20mm x 16mm	TH	5	28101386	14.04
26mm x 26mm x 16mm	TH	5	28101376	14.59
26mm x 16mm x 20mm	TH	5	28101388	14.12
26mm x 20mm x 20mm	TH	5	28101390	14.23
26mm x 26mm x 20mm	TH	5	28101379	14.77
26mm x 16mm x 26mm	TH	5	28101391	14.59
26mm x 20mm x 26mm	TH	5	28101392	14.65
26mm x 26mm x 32mm	TH	5	28101499	22.85
32mm x 32mm x 16mm	TH	5	28101497	22.55
32mm x 20mm x 20mm	TH	5	28101501	21.65
32mm x 26mm x 20mm	TH	5	28101508	22.17
32mm x 32mm x 20mm	TH	5	28101502	22.73
32mm x 20mm x 26mm	TH	5	28101495	22.07
32mm x 26mm x 26mm	TH	5	28101509	22.61
32mm x 32mm x 26mm	TH	5	28101506	23.15
32mm x 16mm x 32mm	TH	5	28101493	22.07
32mm x 20mm x 32mm	TH	5	28101504	22.30
32mm x 26mm x 32mm	TH	5	28101507	22.85
40mm x 32mm x 26mm	TH	1	28115518	39.43
40mm x 40mm x 26mm	TH	1	28115514	41.85
40mm x 32mm x 32mm	TH	1	28115516	39.55
40mm x 40mm x 32mm	TH	1	28115300	41.01
40mm x 32mm x 40mm	TH	1	28115520	40.82
50mm x 50mm x 26mm	TH	1	28115522	68.38
50mm x 50mm x 32mm	TH	1	28115320	62.20
50mm x 40mm x 40mm	TH	1	28115524	68.99
50mm x 50mm x 40mm	TH	1	28115310	64.43
50mm x 32mm x 50mm	TH	1	28115526	68.13
50mm x 40mm x 50mm	TH	1	28115528	70.87
63mm x 63mm x 50mm	TH	1	28115330	93.39
75mm x 75mm x 40mm	TH	1	28115546	190.90
75mm x 75mm x 50mm	TH	1	28115548	193.00

For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Please note branch description and size when ordering.

Testing Plugs Red and Blue

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
1/2" Blue	TH	50	28090003	0.57
1/2" Red	TH	50	28090004	0.57
3/4" Blue	TH	50	28090006	0.94
3/4" Red	TH	50	28090008	0.94

For use with female fittings when pressure testing. Can be removed following testing and reused.

Gerpex Fittings (continued)

Push-fit Stop End



Description	Pcs/Pack	Code	Unit Price £
16mm	1	U9250091	7.96
20mm	1	U9250092	9.68

A reusable push-fit stop end provides a leak-proof seal for use when pressure testing a system. It can be removed at any stage in order to allow work to restart or allow an extension to the system.

Straight Wall Plate Adapter

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16mm x 1/2"	TH	1	U9292020	27.95

Designed to provide a fixed BSP Termination on the face of panelling with a secure MLCP press joint within the service void behind. For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

MLCP to Copper Transition Fitting

WRAS Approved



Description	Profile	Pcs/Pack	Code	Unit Price £
16 x 2 - 15mm	TH	1	28180226	5.35
20 x 2 - 18mm	TH	1	28180228	6.15
20 x 2 - 22mm	TH	1	28180230	7.05
26 x 3 - 22mm	TH	1	28180232	7.85
32 x 3 - 28mm	TH	1	28180234	9.60

Allows the connection of MLCP to copper compression or press fittings. For all other profiles please refer to the Pressing Profile Compatibility Chart on page 15.

Gerpex Tooling

REMS Akku-Press ACC 14.4V Press Tool (supplied with two batteries)



Description	Pcs/Pack	Code	Unit Price £
10mm - 110mm (2 batteries)	1	U9150001	4141.00

Compact battery operated press tool capable of pressing up to 110mm. Supplied with 2 x 14.4v 3.2Ah batteries and sturdy steel case with slots for press jaws. Compatible with all REMS jaw profiles up to 110mm. Includes a battery charge status indicator and integrated LED work light. 360° rotatable head with Automatic Circuit Control.

Akku-Press TH Jaws



Description	Pcs/Pack	Code	Unit Price £
16mm	1	U9150002	394.70
20mm	1	U9150003	394.70
26mm	1	U9150004	394.70
32mm	1	U9150005	394.70
40mm	1	U9150006	701.10
50mm	1	U9150007	1872.00
63mm	1	U9150008	1872.00
75mm	1	28100540	2420.00

TH profile pressing jaws for use with REMS Akku-Press tool.

REMS Mini-Press 22V Press Tool (supplied with 2 batteries)



Description	Pcs/Pack	Code	Unit Price £
10mm - 40mm	1	U9141001	4442.00

Ultra light and compact, one handed, battery operated press tool capable of pressing up to 40mm. Supplied with 2 x 21.6v 1.5Ah batteries and L-Boxx system case with inserts. Compatible with all REMS jaw profiles up to 40mm. Includes a battery charge status indicator and integrated LED work light. 360° rotatable head with Automatic Circuit Control.

Mini-Press TH Jaws



Description	Pcs/Pack	Code	Unit Price £
16mm	1	U9140002	394.70
20mm	1	U9140003	394.70
26mm	1	U9140004	394.70
32mm	1	U9140005	394.70
40mm	1	U9140006	664.80

TH profile pressing jaws for use with REMS Mini-Press tool.

Pipe Cutting Tools



Description	Pcs/Pack	Code	Unit Price £
14mm - 32mm Shears	1	28100942	68.38
14mm - 32mm Rotary Slice	1	28100944	53.19
16mm - 75mm Rotary Slice	1	28024081	188.50

A selection of pipe cutting tools for cutting Gerpex MLCP.

Gerpex Tooling (continued)

Pipe Calibration Tool



Description	Pcs/Pack	Code	Unit Price £
16mm	1	U9280001	49.84
20mm	1	U9280002	51.26
26mm	1	U9280003	53.71
32mm	1	U9280004	58.98
40mm	1	U9280005	61.88
50mm	1	U9280006	94.05
63mm	1	U9280007	113.10
75mm	1	28100885	203.10
16-20-26mm	1	U9280008	93.37
Case for Calibrators*	1	U9250095	47.04
Case for Jaws**	1	U9210100	93.37

Used to prepare MLCP prior to insertion into a fitting. Ensures that the pipe is round, free from burrs and will not damage the press fitting o-rings.
*Calibrators not included - **Jaws not included.

Leakage Test Plug for Multilayer Pipe - 1/2" Female Fitting



Description	Pcs/Pack	Code	Unit Price £
16 x 2	1	28101846	16.74
20 x 2	1	28101848	17.10

Complete with 1/2" Female fitting for air release valve (provided standard) or pressure gauge (optional).

Internal Bending Tool



Description	Pcs/Pack	Code	Unit Price £
16mm - 500mm	1	28100616	14.52
20mm - 500mm	1	28100620	16.69
26mm - 1000mm	1	28100626	33.93

Used to form bends in MLCP without kinking.

External Bending Tool



Description	Pcs/Pack	Code	Unit Price £
16mm - 500mm	1	28100716	21.18
20mm - 500mm	1	28100720	28.09

Used to form bends in MLCP without kinking.

Hydraulic Bending Machine



Description	Pcs/Pack	Code	Unit Price £
26mm - 32mm	1	28100920	1046.00

Used hydraulically to form bends in 26mm and 32mm MLCP.

Gerpex Accessories

Plastic Flexi-hinged Clip



Description	Pcs/Pack	Code	Unit Price £
15mm - 16mm	100	U9290000	0.26
19mm - 21mm	100	U9290001	0.32
25mm - 27.4mm	50	U9290002	0.47
31.8mm - 35mm	50	U9290003	0.84

Plastic Clip Spacer



Description	Pcs/Pack	Code	Unit Price £
Universal Clip Spacer	100	U9290004	0.20

Plastic clip spacer to allow additional 13mm clearance of pipe from mounting surface. For use with insulated pipe.

Plastic Link Spacer



Description	Pcs/Pack	Code	Unit Price £
Link Spacer	100	U9290005	0.13

Plastic link spacer to give greater spacing between clips.

Rubber Lined Metal Clips



Description	Pcs/Pack	Code	Unit Price £
15mm - 19mm	10	U9290006	1.94
20mm - 25mm	10	U9290007	2.08
26mm - 30mm	10	U9290008	2.20
32mm - 36mm	5	U9290009	2.51
38mm - 43mm	5	U9290010	2.75
47mm - 51mm	5	U9290011	3.10
60mm - 64mm	5	U9290012	3.75
75mm - 80mm	5	U9290013	4.78

Steel rubber lined clips to suit full Gerpex pipe range. Clip only, supplied to suit 8mm and 10mm threaded bar.

GERPEX

Radiator Manifold Systems



Manifolds are widely used with underfloor heating, and this same principle can be applied to radiator systems in a 'point to point' configuration.

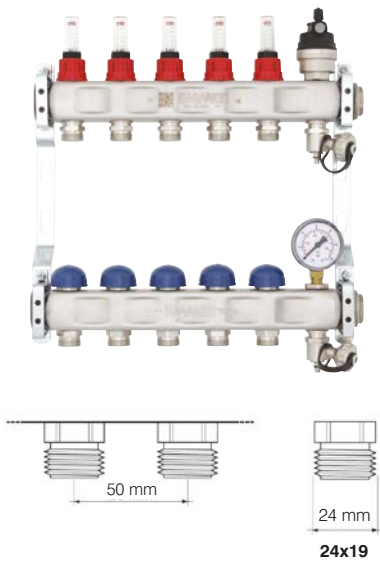
This method vastly reduces the number of joints required, particularly within concealed areas such as floors ceilings and walls. This speeds up the installation time, vastly reduces the potential for leaks and provides isolation of each radiator from a centrally accessible location.

By using a manifold system, larger flow and return pipework from the heat source is limited to serving the manifold and allows smaller bore, flexible and continuous pipework to be used from the manifold to each individual radiator, making it ideal for new build construction as well as refurbishment in both domestic and commercial projects.

In addition to the manifolds, at EMMETI we offer an extensive range of high quality controls, thermostats, radiator valves and accessories to offer a complete radiator system solution.

Manifolds

Type 2 Topway Plus Stainless Steel FM Pre-assembled Heating Manifold



Description	Ways	Pcs/Pack	Code	Unit Price £
1"	2	1	01282260	146.00
1"	3	1	01282262	168.70
1"	4	1	01282264	192.20
1"	5	1	01282266	216.20
1"	6	1	01282268	239.90
1"	7	1	01282270	264.10
1"	8	1	01282272	288.20
1"	9	1	01282274	312.10
1"	10	1	01282276	335.60
1"	11	1	01282278	360.50
1"	12	1	01282280	384.00

Flow rail has a double regulating red sleeved 0 - 4 l/min flow meter per circuit that allows individual circuit flow regulation and isolation with visual flow indication. Return rail has a blue capped integrated electro-thermic body to accommodate an electro-thermic actuator per circuit.

Pre-assembled manifold includes 2 x drain off/fill valves, automatic air vents, 6 bar pressure gauge and 2 x blanking plugs. Pre-mounted onto a double offset bracket at 210mm centres.

For pipe, EMMETI Monoblocco connectors and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 134.

Manifolds (continued)

Type 1 Topway WHR Pre-assembled Manifold

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Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01299670	77.30
3/4"	3	1	01299672	90.39
3/4"	4	1	01299674	104.30
3/4"	5	1	01299676	123.20
3/4"	6	1	01299678	137.00
3/4"	7	1	01299680	155.60
3/4"	8	1	01299682	173.30
3/4"	9	1	01299684	187.60
3/4"	10	1	01299686	205.60
3/4"	11	1	01299688	227.40
3/4"	12	1	01299690	241.70

Note: The product does not include the ball valves pictured here.

For MLCP (Multilayer Composite Pipe) and press fittings to accompany this range please see pages 14-25.

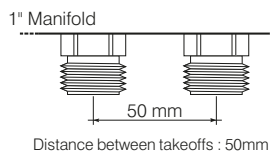
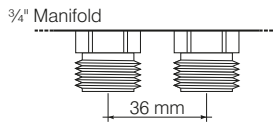
Includes metal brackets, 2 x 3/4" blanking plugs and 2 x 1/2" manual air vents.

For pipe, EMMETI Monoblocco connectors and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 140.

Type 1 TopSan Manifold with Isolating Taps

WRAS Approved & BBA Certified



Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01282050	32.59
3/4"	3	1	01282052	40.32
3/4"	4	1	01282054	48.54
3/4"	5	1	01282056	56.28
3/4"	6	1	01282058	63.99
3/4"	7	1	01282060	73.43
3/4"	8	1	01282062	85.03
3/4"	9	1	01282064	92.64
3/4"	10	1	01282066	105.60
3/4"	11	1	01282068	113.10
3/4"	12	1	01282070	120.70

1"	4	1	01282084	56.88
1"	5	1	01282086	66.93
1"	6	1	01282088	77.39

For Copper, Multilayer, PEX, PP, PB pipe.

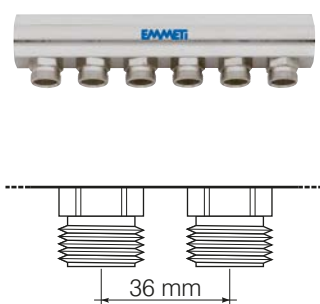
Please order two rails, one rail for hot and one for cold supply. Separate blue and red outlet identification labels are shipped with each order. These labels are applied by the installer on site. For 36mm interaxial spacing a 27mm spanner is required, code: 01306058 or 01306054.

For pipe, EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 137.

Type 1 Topway 3/4" Distribution Manifold

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Distance between takeoffs : 36mm

Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01293260	18.77
3/4"	3	1	01293262	25.09
3/4"	4	1	01293264	31.36
3/4"	5	1	01293266	37.99
3/4"	6	1	01293268	44.21
3/4"	7	1	01293270	50.48
3/4"	8	1	01293272	57.17
3/4"	9	1	01293274	63.27
3/4"	10	1	01293276	74.43
3/4"	11	1	01293278	80.90
3/4"	12	1	01293280	86.98

A distribution only manifold in nickel-plated brass. 3/4" F connection at each end with 24 x 19 outlet connection. 1/2" F port for connection of a manual or automatic air vent if required.

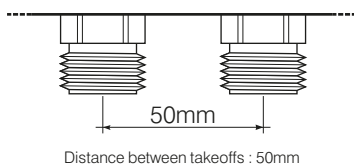
For pipe, EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 140.

Manifolds (continued)

Type 1 Topway 3/4", 1" and 1 1/4" Distribution Manifold

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Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01293290	21.12
3/4"	3	1	01293292	28.76
3/4"	4	1	01293294	36.96
3/4"	5	1	01293296	45.44
3/4"	6	1	01293298	53.19
3/4"	7	1	01293300	61.07
3/4"	8	1	01293302	69.44
3/4"	9	1	01293304	77.30
3/4"	10	1	01293306	89.48
3/4"	11	1	01293308	98.19
3/4"	12	1	01293310	106.10

1"	2	1	01293830	23.46
1"	3	1	01293832	32.69
1"	4	1	01293834	41.15
1"	5	1	01293836	50.39
1"	6	1	01293838	58.84
1"	7	1	01293840	67.46
1"	8	1	01293842	76.83
1"	9	1	01293844	85.35
1"	10	1	01293846	98.07
1"	11	1	01293848	107.60
1"	12	1	01293850	116.60

1 1/4"	4	1	01294634	48.24
1 1/4"	5	1	01294636	59.25
1 1/4"	6	1	01294638	68.98
1 1/4"	7	1	01294640	78.62
1 1/4"	8	1	01294642	89.67
1 1/4"	9	1	01294644	99.46
1 1/4"	10	1	01294646	112.70
1 1/4"	11	1	01294648	125.20
1 1/4"	12	1	01294650	134.80

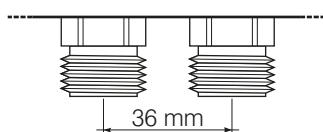
A distribution only manifold in nickel-plated brass. 3/4" or 1" F connection at each end with 24 x 19 outlet connection. 1/2" F port for connection of a manual or automatic air vent if required.

For pipe, EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 140.

Type 1 Mixer Co-planar Manifold

BBA Certified



Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2 x 2	1	01290800	40.24
3/4"	4 x 4	1	01290810	53.48
3/4"	6 x 6	1	01290820	65.34
3/4"	8 x 8	1	01290830	81.68
3/4"	10 x 10	1	01290840	88.56

Supplied as a pair of linked rails only, not as a kit. See schematic for proposed kit.

For pipe, EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 141.

Manifolds (continued)

Type 1 Steel Nickel-plated Manifold, with 3/4" Female Takeoff Connections



Description	Ways	Pcs/Pack	Code	Unit Price £
2"	5 + 5	1	07400460	478.20
2"	6 + 6	1	07400462	518.70
2"	7 + 7	1	07400464	555.00
2"	8 + 8	1	07400466	574.90
2"	9 + 9	1	07400468	622.60
2"	10 + 10	1	07400470	662.40
2"	11 + 11	1	07400472	700.80
2"	12 + 12	1	07400474	732.40
2"	13 + 13	1	07400476	776.70
2"	14 + 14	1	07400478	824.30
2"	15 + 15	1	07400480	878.00

Manifolds bars and outlet branches in drawn steel Fe 306B EN 10305, braze welded in copper and zinc-plated.

For pipe, EMMETI Monoblocco connectors and ball Valves please refer to System Components and Spares section. These must be ordered separately.

Kit contents: 2 x female blanking plugs; 1 x drain/fill valve; 1 x manual/auto air vent; 2 x temperature gauges; pair of metal mounting brackets.

Supplied without ball valves. For ball valves to use with 3/4" F manifold connections refer to below.

3/4" Male BSP Ball Valve with Butterfly Handle and Adaptor for use with Commercial Manifolds



Description	Pcs/Pack	Code	Unit Price £
24 x 19 - Red Handle	1	01306196	13.74
32 x 1.5 - Red Handle	1	01306192	14.13
24 x 19 - Blue Handle	1	01306198	13.74
32 x 1.5 - Blue Handle	1	01306194	14.13

Choose 24 x 19 for connectors up to 20mm and 32 x 1.5 for 25mm and 26mm connectors. The valves must be used fully open or closed. Not suitable for flow regulation.

Straight Male-Male BSP Joint, Nickel-plated



Description	Thread	Pcs/Pack	Code	Unit Price £
3/4" M BSP	24 x 19	1	28103050	3.34
3/4" M BSP	32 x 1.5	1	28103060	3.72

Choose 24 x 19 for connectors up to 20mm and 32 x 1.5 for 25mm and 26mm connectors. For EMMETI Monoblocco connectors please refer to System Components and Spares section.

Pipe

The Gerpex MLCP range of pipe (see page 14) can be used with manifold based radiator systems in addition to the pipes shown below.

PE-Xa Barrier Pipe



Description	Coils	Code	Price £/m
12 x 2	240m	U9530030	1.29
16 x 2*	240m	U9530042	1.51
16 x 2*	500m	U9530043	1.51
17 x 2*	600m	28130676	1.89

A 3 layer barrier pipe using a PE-Xa inner and an EVOH outer layer conforming to EN ISO 15875 and DIN 4726. Maximum operating pressure 8 bar; maximum operating temperature 95°C.

*Available while stocks last.

Pipe (continued)

PE-RT Barrier Pipe



Description	Coils	Code	Price £/m
16 x 1.8 (3 Layer)*	100m	U9530063	1.16
16 x 1.8 (3 Layer)*	240m	U9530064	1.16
16 x 2 (5 Layer)*	100m	U9530066	1.16
16 x 2 (5 Layer)*	240m	U9530067	1.16
16 x 2 (5 Layer)*	500m	U9530068	1.16
20 x 2 (5 Layer)*	500m	U9530078	1.89

Barrier pipe constructed of polyethylene of raised temperature (PE-RT) inner and an EVOH outer layer. For heating applications only. Maximum operating temperature 95°C at 8 bar.

*Available while stocks last.

Pipe Conduit



Description	Coils	Code	Price £/m
25.2 x 20 ID Black**	25m	U9510111	1.46
25 x 20 ID Red	50m	U9510030	1.07
25 x 20 ID Blue	50m	U9510040	1.07
28 x 23 ID Red	50m	U9510050	2.03

A range of flexible conduit with an internal diameter of between 19mm and 23mm. To protect and sleeve the pipe through areas where heat is not required. Pipe marked ** is slit for ease of installation.

Radiators and Valves



Radiator Enquiries

To further complement the radiator manifold systems, and as part of the Rettig Group, EMMETI can discuss radiator requirements for all applications - please contact sales@emmeti.co.uk for further information and support with your project.

Thermostatic Radiator Valve and Lockshield Kit for Copper Pipe



Description	Pcs/Pack	Code	Unit Price £
Right-angle Valve 10mm	1	01213118	38.04
Right-angle Valve 15mm	1	01213120	37.77
Straight Valve 10mm	1	01213122	41.49
Straight Valve 15mm	1	01213124	41.29

Kit contents: Sensor thermostatic head, 1/2" thermostatic valve body, lockshield valve and a pair of Monoblocco connectors for copper.

Radiators and Valves (continued)

Thermostatic Radiator Valve and Kit for Copper Pipe



Description	Pcs/Pack	Code	Unit Price £
Right-angle 10mm	1	01213110	29.59
Right-angle 15mm	1	01213112	29.48
Straight 10mm	1	01213114	30.76
Straight 15mm	1	01213116	30.61

TRV only, no lockshield.

Kit contents: Sensor thermostatic head, 1/2" thermostatic valve body and Monoblocco connector for copper pipe.

Thermostatic Head



Description	Pcs/Pack	Code	Unit Price £
M30 x 1.5mm	1	01213040	12.95

Regulates between 7 and 28°C using liquid sensor. Rated to 10 bar, 100°C water, 40°C ambient. Complies with EN215.

Thermostatic Head Tamperproof Lock



Description	Pcs/Pack	Code	Unit Price £
Tamperproof TRV Lock	1	90023720	1.67

Thermostatic Valve Body - Angled for Copper, Multilayer, PEX, PP, PB Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 24 x 19	1	01350342	9.47
1/2" M o-ring x 24 x 19	1	01350442	10.37

Suitable for pipe between 10mm and 20mm. Male threaded 24 x 19 inlet, for Monoblocco connectors, see pages 90-91.

Thermostatic Valve Body - Angled for Steel



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 1/2" F	1	01350350	10.17
1/2" M o-ring x 1/2" F	1	01350450	11.08

Thermostatic Valve Body - Straight for Copper, Multilayer, PEX, PP, PB Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 24 x 19	1	01350346	10.71
1/2" M o-ring x 24 x 19	1	01350446	11.48

Suitable for pipe between 10mm and 20mm. Male threaded 24 x 19, for Monoblocco connectors, see pages 90-91.

Radiators and Valves (continued)

Thermostatic Valve Body - Straight for Steel Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 1/2" F	1	01350354	11.17
1/2" M o-ring x 1/2" F	1	01350454	11.97

Manual Radiator Valve - Angled for Copper, Multilayer, PEX, PP, PB Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 24 x 19	1	01350304	6.57
1/2" M o-ring x 24 x 19	1	01350404	7.46

Suitable for pipe between 10mm and 20mm. Male threaded 24 x 19 inlet, for Monoblocco connectors, see pages 90-91.

Wheelhead Manual Radiator Valve - Angled for Steel Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 1/2" F	1	01350720	6.67
1/2" M o-ring x 1/2" F	1	01350724	7.58

Wheelhead Manual Radiator Valve - Straight for Copper, Multilayer, PEX, PP, PB Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 24 x 19	1	01350312	7.13
1/2" M o-ring x 24 x 19	1	01350412	7.88

Suitable for pipe between 10mm and 20mm. Male threaded 24 x 19 inlet, for Monoblocco connectors, see pages 90-91.

Wheelhead Manual Radiator Valve - Straight for Steel Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 1/2" F	1	01350328	7.55
1/2" M o-ring x 1/2" F	1	01350428	8.31

Lockshield Radiator Valve - Angled for Multilayer, PEX, PP, PB Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 24 x 19	25	01350702	5.72
1/2" M o-ring x 24 x 19	25	01350706	6.63

Suitable for pipe between 10mm and 20mm. Male threaded 24 x 19 inlet.
For Monoblocco Connectors, see pages 90-91.

Radiators and Valves (continued)

Lockshield Radiator Valve - Angled for Steel Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 1/2" F	1	01350722	5.82
1/2" M o-ring x 1/2" F	1	01350726	6.72

Lockshield Radiator Valve - Straight for Copper, Multilayer, PEX, PP, PB Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 24 x 19	1	01350314	5.53
1/2" M o-ring x 24 x 19	1	01350852	8.04

Suitable for pipe between 10mm and 20mm. Male threaded 24 x 19 inlet, for Monoblocco connectors, see pages 90-91.

Lockshield Radiator Valve - Straight for Steel Pipe



Description	Pcs/Pack	Code	Unit Price £
1/2" M x 1/2" F	1	01350872	8.08
1/2" M o-ring x 1/2" F	1	01350876	8.99

Point to Point Radiator Connection



Description	Pcs/Pack	Code	Unit Price £
1/2" x 24 x 19 Radiator Tail	1	01306081	3.19
24 x 19 x 24 x 19 Elbow	1	28103180	3.34

A kit to allow terminal connection at the radiator in a Type 2, manifold based, point to point radiator system. The tail piece connects into the radiator and the elbow piece allows for a wide range of pipes to be connected via the 24 x 19 thread and Monoblocco connector to suit.

Items sold separately.

Spanner Kit a" - 1/2" - 3/4" - 1"



Description	Pcs/Pack	Code	Unit Price £
Universal Rad Spanner	1	01306056	238.40

The 1/2" connector found in the kit is used to tighten radiator tails.

Zone Controls

EWC-1 Hard Wired Wiring Centres with On/Off Switch



Description	Pcs/Pack	Code	Unit Price £
230V 8-way Wiring Centre with On/Off Switch	1	U9360010	170.10
24V 8-way Wiring Centre with On/Off Switch	1	U9360020	232.80

The EWC-1 wiring centre allows central connection of all system electrical components (230 or 24V) including:

- Up to 8 room thermostats
- Manifold circulating pump
- Central timeswitch
- Electro-thermic actuators (up to 5 per channel)
- Boiler signal

LED indication for each circuit, pump and boiler. On/off switch for safe isolation. Earth continuity terminals included. 24V version includes a 50VA transformer with the capacity to connect up to 15 x 3W actuators. For wiring and mounting details please see our website www.emmeti.co.uk

EWC-2 Hard Wired Wiring Centres



Description	Pcs/Pack	Code	Unit Price £
230V 8-way Wiring Centre	1	U9370001	130.00
230V 12-way Wiring Centre	1	U9370002	206.00

The EWC-2 wiring centre is a more commercially priced option available in 8 or 12-way. Allows central connection of all system electrical components (230V only) including:

- Up to 8 or 12 room thermostats
- Manifold circulating pump
- Central timeswitch
- Electro-thermic actuators (up to 5 per channel)
- Boiler signal

LED indication for pump/boiler combined. Earth continuity terminals included. For wiring and mounting details please see our website www.emmeti.co.uk

EWC-4 Hard Wired Wiring Centres



Description	Pcs/Pack	Code	Unit Price £
230V 4-way Wiring Centre	1	U9380001	88.12

The EWC-4 is a compact, 4-way wiring centre designed for small underfloor and wall hung radiator systems. Allows central connection of all system components and includes:

- Connection for up to 4 room thermostats
- Central timeswitch terminals
- Manifold circulating pump terminals
- Boiler volt free terminals
- Electro-thermic actuator connection (up to 3 per channel)
- LED indication for boiler/pump operation.

Zone Controls (continued)

NEW

ZONA™ - Smart Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



zona™

Description	Pcs/Pack	Code	Unit Price £
ZONA™ Smart Thermostat - White	1	U9330000	100.00
ZONA™ Smart Thermostat - Black	1	U9330001	100.00

A 230V wired thermostat with wifi functionality for use in all heating system types. Controlled via the ZONA™ APP or via the thermostat interface, the ZONA™ smart thermostat allows remote control and monitoring of the heating system.

Featuring GEO-location and optimum start for increased efficiency of the heating system the ZONA™ range is fully Boiler Plus compliant and smart home enabled integrating simply with Amazon Alexa and Google Assistant.

**For more information on our
NEW ZONA™ Smart Thermostat,
please see page 2.**



CS-17 Touch - Touchscreen Programmable Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V Touchscreen Programmable Thermostat	1	U9320001	77.58

A touchscreen programmable thermostat for underfloor and wall hung radiator systems. Features include touch screen operation, remote sensing for air and floor use, temperature limiting function, frost protection and optimum start.

CS-11 LCD Digital Timeswitch



Description	Pcs/Pack	Code	Unit Price £
230V Timeswitch	1	U9310070	62.74
24V Timeswitch	1	U9310170	62.74

Electronic digital single channel timeswitch enables the time control of underfloor or wall hung radiator circuits. Programming allows 6 on/off events per day as 7 day, 5 + 2, 6 + 1 and 24 hour programmes. Designed to be fitted to a 35mm single gang back box. 230V or 24V versions available.

For installation requirements and wiring connections, please see our website www.emmeti.co.uk

TSTS -17 Touchscreen Timeswitches



Description	Pcs/Pack	Code	Unit Price £
230V Touchscreen Timeswitch (2-channel)	1	U9310072	118.20
230V Touchscreen Timeswitch (3-channel)	1	U9310073	128.80

2 and 3-channel touchscreen programmable timeswitches for use in multi-system applications. On/off switching for 2 or 3-channels respectively.

2-channel version has the option to switch CH1 & CH2 or DHW & Heating.

3-channel version has the option to switch CH1, CH2 & CH3 or Heating 1, Heating 2 & DHW.

Zone Controls (continued)

Termec Electromechanical Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%


Description	Pcs/Pack	Code	Unit Price £
230V / 24V 3 Contact	1	02001012	19.41
230V 3 Contact with LED	1	02001014	20.94
230V 3 Contact with LED & ind. Switch*	1	02001016	26.09
230V 3 Contact with LED & On/Off Switch	1	02001018	25.24
230V 2 Contact with LED & Heating/Cooling/Off Switch	1	02001020	26.36

Features include: LED calling for heat light, temperature range 5°C to 30°C, temperature differential 1.4°C, on/off and heating/cooling switch options.

*02001016 has an on/off switch which can be wired independently of the thermostat contacts.

Electromechanical Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%


Description	Pcs/Pack	Code	Unit Price £
230V / 24V 3 Contact	1	U9132105	22.41
230V 3 Contact with LED	1	U9132115	23.73
230V 3 Contact with LED & On/Off Switch	1	U9132120	30.87
230V 3 Contact with LED & Heating/Cooling Switch	1	U9132135	32.19

Features include: LED calling for heat light, on/off and heating/cooling switch options.

The U9132105 model may also be used for 24V applications.

Electronic Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%


Description	Pcs/Pack	Code	Unit Price £
230V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132026	44.12
24V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132027	44.12

Electronic dial operated thermostat with changeover contacts available in 230V and 24V versions. LED provides call for heat indicator. U9132026 and U9132027 include variable night setback operation from 2°C to 7°C (default 4.5°C) when used with a suitable timeswitch. Available with remote sensor options shown on page 37.

Tamperproof Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%


Description	Pcs/Pack	Code	Unit Price £
230V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132076	42.52
24V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132085	42.52

Electronic thermostat with concealed dial adjustment available in 230V and 24V versions. Both models include variable night setback (NSB) operation from 2°C to 7°C (default 4.5°C) when used with a suitable timeswitch.

Zone Controls (continued)

Remote Sensors, Concealed and Wall-mounted Types

U9132011 /
U9250060 /
U9310057



U9132012 /
U9132023



Description	Pcs/Pack	Code	Unit Price £
Remote Sensor NTC 4.7K without Casing, 1.5m Length	1	U9132011	13.43
Remote Sensor NTC 4.7K without Casing, 3m Length	1	U9250060	22.88
Remote Sensor NTC 4.7K with Casing, No Lead	1	U9132012	11.19
Remote Sensor 10K with Casing, No Lead	1	U9132023	11.19
Remote Sensor NTC 10K without Casing, 3m Length	1	U9130057	5.30

Please see below compatibility table for use with EMMETI thermostats.

Description	Code	Suitable for	Code
Remote NTC 4.7K Sensor with Casing, No Lead Remote NTC 4.7K Sensor without Casing, 1.5m Lead Remote NTC 4.7K Sensor without Casing, 3m Length	U9132012 U9132011 U9250060	Electronic Dial Room Thermostat 24V with LED Electronic Dial Room Thermostat 230V with LED Tamperproof Room Thermostat 230V Tamperproof Room Thermostat 24V	U9132013/U9132027 U9132016/U9132026 U9132075/U9132076 U9132085
Remote NTC 10K Sensor with Casing, No Lead Remote NTC 10K Sensor without Casing, 3m Length	U9132023 U9130057	CS-11, TST-11 and CS-17 Thermostat Range	U9310090/U9310190 U9310047/U9310140 U9310010/U9310110 U9320001

Sensor Pocket



Description	Pcs/Pack	Code	Unit Price £
Brass Sensor Pocket 6mm dia x 33mm	1	U9132310	11.19

Brass sensor pocket with a 1/2" BSPM thread. For remote sensors U9132011 and U9250060.

Control T - Electro-thermic Head



Description	Pcs/Pack	Code	Unit Price £
Normally Closed			
230V NC	1	01213242	19.46
24V NC	1	01213202	19.76
Normally Open			
230V NO	1	01213280	20.06
24V NO	1	01213260	20.36

Note: The electro-thermic heads can be used in conjunction with: Topway Type 2, FCU-HE and FMU3 Floor Mixing Unit. Supplied with 1m cable, 2 wires.

Control T - Electro-thermic Head Normally Closed with End Switch (4 A 230 V)



Description	Pcs/Pack	Code	Unit Price £
230V with Micro Switch NC	1	01213252	23.67
24V with Micro Switch NC	1	01213212	23.98

Note: The electro-thermic heads can be used in conjunction with: Topway Type 2, FCU-HE and FMU3 Floor Mixing Unit. Supplied with 1m cable, 4 wires. The two additional cores are connected to an auxiliary switch, which allows an external load to be energised on operation of the head.

Zone Controls (continued)

Adaptor for Control T Electro-thermic Heads



Description	Pcs/Pack	Code	Unit Price £
Spacing Disc 9mm Dia. x 1mm Thick	12	90039364	2.46

To be fitted to electro-thermic heads in order to give additional travel when fitted to non-EMMETI manifolds.

Zone Controls Wireless

N MC8 W 8-channel Wiring Centre



Description	Pcs/Pack	Code	Unit Price £
8-channel Wiring Centre	1	02018120	271.30

230V wiring centre with eight independent channels (and auxiliary pump supply relay) which can be assigned to two different wireless thermostat controls (e.g. the N CTA W, N ETA W or N TA W above) for the activation of electro-thermic actuators when used with the N AR W receiving antenna on page 39. The centre also has the facility for night setback (NSB) operation with a N TA W thermostat. For installation, wiring and commissioning please see our website www.emmeti.co.uk

N R1 W 1-channel Wiring Centre and Receiver



Description	Pcs/Pack	Code	Unit Price £
Wireless Single Channel Receiver	1	U9132165	97.60

A 230V combined single channel wiring centre and receiving antenna. Designed to switch electro-thermic heads or circulators up to a maximum rating of 6A. Suitable for a single channel application using any one of our range of wireless thermostats, N TA W, N ETA W or N CTA W.

N CTA W Programmable Thermostat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
Wireless Programmable Thermostat	1	02018110	117.80

Battery powered wireless electronic programmable thermostat with push-button programming, and large backlit LCD screen with programme and temperature/optional current time display. The unit can be programmed to give either 24hour/7 day operation with up to four programme periods a day. The front flap gives access to battery compartment and two dial operated temperature settings for day/night operation. Other features include anti-frost function, combined air and floor sensor function and holiday mode.

N TA W Thermostat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
Wireless Dial Thermostat	1	02018112	66.41

Battery powered wireless dial operated electronic thermostat, that can be operated to control heating or cooling with a simple internal change. The remotely located thermostat will signal the N AR W receivers connected to the U9132165 Wiring Centre and 02018120 Wiring Centre. Night set back (NSB) facility is available via the wiring centre.

Zone Controls Wireless (continued)

N ETA W Digital Wireless Thermostat

Single Zone

1
ErP Class
+ 1%

Multi Zone

8
ErP Class
+ 5%



Description	Pcs/Pack	Code	Unit Price £
Wireless Digital Thermostat	1	U9132155	93.93

Wireless battery operated digital thermostat with blue back-lit LCD display. This unit can operate to control both heating and cooling and has temperature range limitation. The remotely located thermostat will signal the N AR W receivers connected to the U9132165 Wiring Centre and 02018120 Wiring Centre. Night set back (NSB) facility is available via the wiring centre. Available with remote sensor options on page 37.

N AR W Receiving Antenna



Description	Pcs/Pack	Code	Unit Price £
Wireless Receiver	1	U9132175	146.50

Wireless receiving antenna. Receives signalling from N TA W, N ETA W and N CTA W thermostats remotely located. Complete with 5m of cable for connecting to N MC2 W or N MC8 W wiring centres. One antenna can be used with up to ten wiring centres interconnected by the cables supplied with the wiring centre. They can also be used as repeaters to solve problems of difficult wireless transmission in large buildings. The power supply unit in this section should be used with the antenna when installed as a repeater.

Zone Controls Weather Compensating

RCE Weather Compensating Kit for Heating and Cooling



Description	Pcs/Pack	Code	Unit Price £
RCE Weather Compensator	1	28139070	357.50

The RCE is an electronic temperature controller that has three modes of operation; Weather Compensation, Fixed Point, and Modulating. It can be used for low temperature underfloor heating and cooling and high temperature radiator heating. Includes electronic control unit, remote mounting box, 2 sensors, probe holders and extension connector. The RCE can control 230V or 24V 0-10V mixing actuators.

Humidistat

Single Zone

1
ErP Class
+ 1%

Multi Zone

8
ErP Class
+ 5%



Description	Pcs/Pack	Code	Unit Price £
Programmable Thermo/Humidistat	1	02018090	307.90

Programmable heating and cooling thermostat with summer/ winter changeover switch and built in humidity sensor. Designed for use with combined heating and cooling systems such as the RCE controller. Can be used to activate a dehumidifier. Battery powered with a large LCD display.

Zone Controls Weather Compensating (continued)

Pocket for Water Sensor



Description	Pcs/Pack	Code	Unit Price £
1/4" M	1	28153220	48.82

For use where a surface mounting probe is not suitable for sensing water temperature.

Housing for External Temperature Sensor



Description	Pcs/Pack	Code	Unit Price £
External Housing Sensor	1	28139076	20.52

Dew Sensor



Description	Pcs/Pack	Code	Unit Price £
Dew Sensor	1	28139072	97.92

For use in cooling systems.

Converter for Dew Sensor



Description	Pcs/Pack	Code	Unit Price £
Converter Unit	1	28139074	110.50

For use when installed as part of a large multi-dwelling cooling system. The converter will relay a condensation alarm to the centralised mixing station and RCE.

Transformer 230/24V 10 VA



Description	Pcs/Pack	Code	Unit Price £
230V/24V Transformer	1	28139130	35.60

Please note 10 VA capacity when using with EWC-4, consideration for loading requirements of actuators is needed.

3-point Actuator for TM3-R, M3V Control Groups, FMU3 Floor Mixing Unit, FCU Floor Control Unit and Firstbox

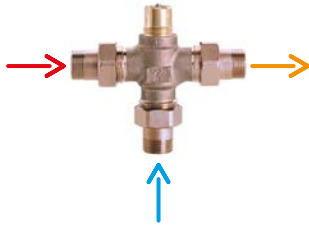


Description	Pcs/Pack	Code	Unit Price £
230V	1	28157210	200.10
24V 0-10V	1	28157220	269.00

Electronic actuator for use with weather compensating kit 28139070.

Zone Controls Weather Compensating (continued)

3-way Mixing Valve for Weather Compensating Kit



Description	Pipe Union	Pcs/Pack	Code	Unit Price £
Kvs (m³/h)	Connection			
DN10 - 1.6	G a" M	1	28130210	155.30
DN20 - 4	G ½" F	1	28130214	189.30
DN25 - 6.3	G ¾" F	1	28130216	315.80
DN25 - 10	G 1" F	1	28130218	355.30
DN32 - 16	G 1¼" F	1	28130220	471.00
DN40 - 25	G 1½" F	1	28130222	559.90

PN 16 class, body in bronze, spindle in steel and o-rings in EPDM. Complete with unions. These valves are intended for use with weather compensating kit 28139070 and actuators 28130206, 28130208 and 28130209 shown on pages 39 & 41.

Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130206	253.20

24V, 0 - 10V. 200N Force.
Suitable for above mixing valve a", ½" and ¾" only.

3-point Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130208	275.60

230V, 300N Force. Suitable for above mixing valve 1", 1¼" and 1½" only.

Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130209	449.40

24V, 0 - 10V. 300N Force.
Suitable for the 3-way Mixing Valve 1", 1¼" and 1½" only, shown on page 41.

Contact Thermostat



Description	Pcs/Pack	Code	Unit Price £
0-60°C	1	02012038	16.27
30-90°C	1	02012040	16.27

Connect by wrapping the steel spring wire (provided) around the external surface of pipe. Designed for use with weather compensating kit 28139070 where overheat protection is required.

Thermometer Pocket, Connection Male ½"



Description	Pcs/Pack	Code	Unit Price £
Ø 7 L 50mm	1	00510682	6.02

Electronic actuator for use with weather compensating kit 28139070.

GERPEX

Plumbing Manifold Systems

Gerpex Plumbing systems are WRAS approved for use in hot and cold water distribution systems.

This manifold system is designed to facilitate central and/or local distribution of hot and cold water by utilising a point to point plumbing configuration.

Point to point plumbing is a method of installation using a manifold to distribute hot and cold water to items of sanitary ware and appliances around the property (such as washing machines, sinks, baths, dishwashers, and so on). Each individual outlet is supplied using a continuous length of pipe from the manifold, with joints at the outlet and at the manifold only. This reduction of joints in the system reduces installation time and vastly decreases the potential for leaks.

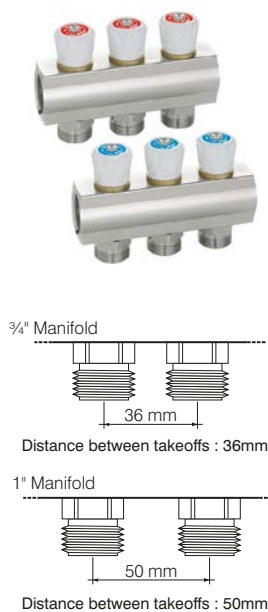
In addition to the manifolds, EMMETI offer WRAS approved pipe and accessories to provide a complete plumbing system solution.



Manifolds

Type 1 TopSan Manifold with Isolating Taps

WRAS Approved & BBA Certified



Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01282050	32.59
3/4"	3	1	01282052	40.32
3/4"	4	1	01282054	48.54
3/4"	5	1	01282056	56.28
3/4"	6	1	01282058	63.99
3/4"	7	1	01282060	73.43
3/4"	8	1	01282062	85.03
3/4"	9	1	01282064	92.64
3/4"	10	1	01282066	105.60
3/4"	11	1	01282068	113.10
3/4"	12	1	01282070	120.70
1"	4	1	01282084	56.88
1"	5	1	01282086	66.93
1"	6	1	01282088	77.39

For Copper, Multilayer, PEX, PP, PB pipe.

Please order two rails, one rail for hot and one for cold supply. Separate blue and red outlet identification labels are shipped with each order. These labels are applied by the installer on site. For 36mm interaxial spacing a 27mm spanner is required, code: 01306058 or 01306054.

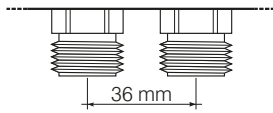
For WRAS approved MLCP (Multilayer Composite Pipe), EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section.

For further information, please refer to the diagram on page 137.

Manifolds (continued)

Multiplex Sanitary Manifold with Isolating Taps

WRAS Approved & BBA Certified



Distance between takeoffs : 36mm

Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01307260	19.88
3/4"	3	1	01307265	28.13
3/4"	4	1	01307270	37.23
1"	2	1	01307280	20.61
1"	3	1	01307285	29.22
1"	4	1	01307290	38.82

For Copper, Multilayer, PEX, PP, PB pipe.

Please order two rails, one rail for hot and one for cold supply. Separate blue and red outlet identification labels are shipped with each order. These labels are applied by the installer on site. For 36mm interaxial spacing a 27mm spanner is required, code: 01306058 or 01306054.

For WRAS approved MLCP (Multilayer Composite Pipe), EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section.

For further information, please refer to the diagram on page 138.

Bridging Piece for Multiplex Manifold

WRAS Approved & BBA Certified



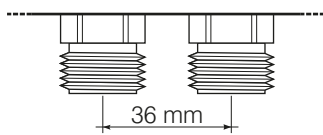
Description	Pcs/Pack	Code	Unit Price £
3/4"	1	01307200	5.29
1"	1	01307210	4.73

A bridging piece to allow extension of Multiplex manifolds.

Note: Not suitable for Modular manifolds. Alternative is to use TopSan series.

Topway SN 3/4" Distribution Manifold

WRAS Approved & BBA Certified



Distance between takeoffs : 36mm

Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01293260	18.77
3/4"	3	1	01293262	25.09
3/4"	4	1	01293264	31.36
3/4"	5	1	01293266	37.99
3/4"	6	1	01293268	44.21
3/4"	7	1	01293270	50.48
3/4"	8	1	01293272	57.17
3/4"	9	1	01293274	63.27
3/4"	10	1	01293276	74.43
3/4"	11	1	01293278	80.90
3/4"	12	1	01293280	86.98

A distribution only manifold in nickel-plated brass. 3/4" F connection at each end with 24 x 19 outlet connection. 1/2" F port for connection of a manual or automatic air vent if required.

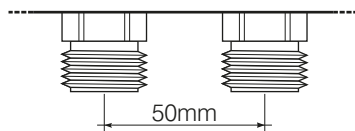
For WRAS approved MLCP (Multilayer Composite Pipe), EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section.

For further information, please refer to the diagram on page 140.

Manifolds (continued)

Topway SN Distribution Manifold

WRAS Approved & BBA Certified



Distance between takeoffs : 50mm

Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01293290	21.12
3/4"	3	1	01293292	28.76
3/4"	4	1	01293294	36.96
3/4"	5	1	01293296	45.44
3/4"	6	1	01293298	53.19
3/4"	7	1	01293300	61.07
3/4"	8	1	01293302	69.44
3/4"	9	1	01293304	77.30
3/4"	10	1	01293306	89.48
3/4"	11	1	01293308	98.19
3/4"	12	1	01293310	106.10

1"	2	1	01293830	23.46
1"	3	1	01293832	32.69
1"	4	1	01293834	41.15
1"	5	1	01293836	50.39
1"	6	1	01293838	58.84
1"	7	1	01293840	67.46
1"	8	1	01293842	76.83
1"	9	1	01293844	85.35
1"	10	1	01293846	98.07
1"	11	1	01293848	107.60
1"	12	1	01293850	116.60

1 1/4"	4	1	01294634	48.24
1 1/4"	5	1	01294636	59.25
1 1/4"	6	1	01294638	68.98
1 1/4"	7	1	01294640	78.62
1 1/4"	8	1	01294642	89.67
1 1/4"	9	1	01294644	99.46
1 1/4"	10	1	01294646	112.70
1 1/4"	11	1	01294648	125.20
1 1/4"	12	1	01294650	134.80

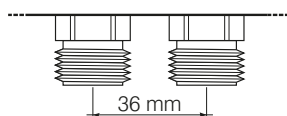
A distribution only manifold in nickel-plated brass. 3/4" or 1" F connection at each end with 24 x 19 outlet connection. 1/2" F port for connection of a manual or automatic air vent if required.

For WRAS approved MLCP (Multilayer Composite Pipe), EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section.

For further information, please refer to the diagram on page 140.

Modular Simple Manifold

WRAS Approved & BBA Certified



Distance between takeoffs : 36mm

Description	Ways	Pcs/Pack	Code	Unit Price £
3/4"	2	1	01303050	7.85
3/4"	3	1	01303052	11.11
3/4"	4	1	01303054	13.71
1"	2	1	01303060	10.22
1"	3	1	01303062	14.18
1"	4	1	01303064	17.04

For Copper, Multilayer, PEX, PP, PB pipe. For use with plastic brackets.

For 36mm interaxial spacing a 27mm spanner is required, code: 01306058 or 01306054.

For WRAS approved MLCP (Multilayer Composite Pipe), EMMETI Monoblocco connectors, plastic or metal mounting brackets, blanking plugs and ball valves please refer to System Components and Spares section.

For further information, please refer to the diagram on page 139.

PIPE AND FITTINGS

For all pipe and fittings required for the Plumbing Manifold Systems please refer to the Gerpex Pipe and Fittings section.

Underfloor heating is a highly effective and energy efficient method of heating, which is fast becoming the system of choice in the UK.

The radiant heat provided at floor level creates a large heated surface area, which disperses the heat evenly throughout your living space, resulting in less wasted heat. Energy savings, combined with silent running and increased flexibility for room layouts gives a solution that will add real value to a property.

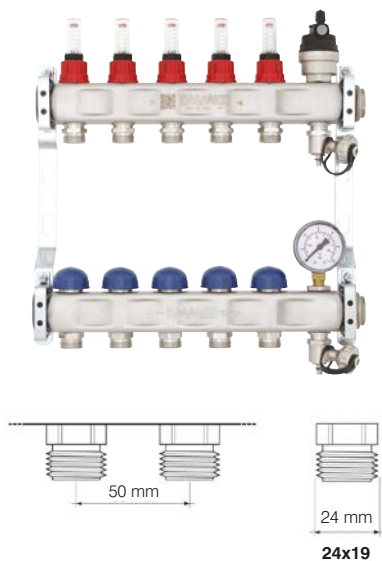
Underfloor heating can work with a variety of heat sources such as gas and oil fired boilers, as well as renewable technologies such as air and ground source pumps. Underfloor heating can be installed into almost any floor type, including concrete slab, timber joists and can also be retro fit over existing floors.

In addition to pipe work, a key component to underfloor heating is a manifold system, at EMMETI we offer an extensive range of high quality manifolds as well as controls and thermostats.



UFH Manifolds

Type 2 Topway Plus Stainless Steel FM Pre-assembled Heating Manifold



Description	Ways	Pcs/Pack	Code	Unit Price £
1"	2	1	01282260	146.00
1"	3	1	01282262	168.70
1"	4	1	01282264	192.20
1"	5	1	01282266	216.20
1"	6	1	01282268	239.90
1"	7	1	01282270	264.10
1"	8	1	01282272	288.20
1"	9	1	01282274	312.10
1"	10	1	01282276	335.60
1"	11	1	01282278	360.50
1"	12	1	01282280	384.00

Flow rail has a double regulating red sleeved 0 - 4 l/min flow meter per circuit that allows individual circuit flow regulation and isolation with visual flow indication. Return rail has a blue capped integrated electro-thermic body to accommodate an electro-thermic actuator per circuit.

Pre-assembled manifold includes 2 x drain off/fill valves, automatic air vents, 6 bar pressure gauge and 2 x blanking plugs. Pre-mounted onto a double offset bracket at 210mm centres.

For pipe, EMMETI Monoblocco connectors and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 134.

UFH Manifolds (continued)

FMU3 Floor Mixing Unit with Low Temperature Manifold including Flowmeters



Description	Pcs/Pack	Code	Unit Price £
1" 2-way	1	28132460	591.80
1" 3-way	1	28132462	615.70
1" 4-way	1	28132464	639.30
1" 5-way	1	28132466	666.40
1" 6-way	1	28132468	687.80
1" 7-way	1	28132470	711.20
1" 8-way	1	28132472	736.50
1" 9-way	1	28132474	760.20
1" 10-way	1	28132476	784.20
1" 11-way	1	28132478	807.00
1" 12-way	1	28132480	831.80

Designed for underfloor heating the FMU-3 Floor Mixing Unit is a pre-assembled control group and stainless-steel manifold assembly between 2 and 12-way. Incorporating the TM3-R control group that uses an integrated mixing valve with a remote sensing actuator, with an operating range of between 20° and 65°C. The FMU-3 includes a high efficiency Grundfos UPM3 Auto 7m pump.

The flow rail has a double regulating red sleeved 0 - 4 l/min flow meter per circuit that allows individual circuit flow regulation and isolation with visual flow indication. Return rail has a blue capped integrated electro-thermic body to accommodate an electro-thermic actuator per circuit. The Grundfos UPM3 Auto 7m pump is ErP 2015 compliant, with 3 control modes and a double de-blocking system.

For pipe, EMMETI Monoblocco connectors and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 135.

TM3-R Thermostatic Mixer Control Group with Grundfos UPM3 Auto Pump



Description	Pcs/Pack	Code	Unit Price £
TM3-R Control Group, Thermostatic Mixing Valve	1	28132260	483.20

The TM3-R is designed for underfloor heating. The control group incorporates a Grundfos UPM3 Auto 7m pump and a mixing valve with remote probe actuation to give a temperature range of between 20-65°C, making it suitable for screed drying purposes. It includes a throttle to increase Kv for larger systems. Compatible with our Type 2 Topway Plus manifold 210mm centres. Includes 1" M manifold connections with o-ring seals and 1" M connections for primary flow and return.

Includes a temperature gauge measuring the mixed flow temperature, manual air vent and bracket to support the weight of the pump.

The Grundfos UPM3 Auto 7m pump is ErP 2015 compliant, with 3 control modes and a double de-blocking system.

Mixing Valve Kvs 3 - 4.8, 10kw - 18kw.

For further information, please refer to the diagram on page 136.

M3V-HE Control Group with Class A Circulating Pump, Mixing Valve and Auto Bypass



Description	Pcs/Pack	Code	Unit Price £
1"	1	28158300	615.20
1 1/4"	1	28158310	621.90

The M3V-HE is a mixing valve assembly with integrated Class A circulating pump, mixing valve body, drain/fill valves, automatic air vent and automatic bypass.

For use with Topway Type 2 Plus Manifolds at 200 or 210mm centres with thermostatic or electronic mixing capabilities.

Pipe

The Gerpex MLCP range of pipe (see page 14) can be used with manifold based underfloor heating systems in addition to the pipes shown below.

Alpert MLCP Multilayer Barrier Pipe for Underfloor Heating only

WRAS Approved & BBA Certified



Description	Coils	Code	Price £/m
16 x 2	100m	28107002	1.58
16 x 2 (random numbering*)	100m	28107055	1.56
16 x 2	200m	28107000	1.58
16 x 2	500m	28107004	1.58
20 x 2	100m	28107016	2.08
20 x 2	240m	28107018	2.08

Multilayer Composite pipe. Made from a 5 layer composite material, using PE-RT as the inner and outer layers coupled with a 0.2mm butt welded aluminium core. Maximum operating pressure 10 bar; maximum operating temperature 70°C.

*Pipe with random metre numbering, subject to availability.

PE-Xa Barrier Pipe



Description	Coils	Code	Price £/m
12 x 2	240m	U9530030	1.29
16 x 2*	240m	U9530042	1.51
16 x 2*	500m	U9530043	1.51
17 x 2*	600m	28130676	1.89
20 x 2*	500m	28130684	2.25

A 3 layer barrier pipe using a PE-Xa inner and an EVOH outer layer conforming to EN ISO 15875 and DIN 4726. Maximum operating pressure 8 bar; maximum operating temperature 95°C.

*Available while stocks last.

PE-RT Barrier Pipe



Description	Coils	Code	Price £/m
16 x 1.8 (3 Layer)*	100m	U9530063	1.16
16 x 1.8 (3 Layer)*	240m	U9530064	1.16
16 x 2 (5 Layer)*	100m	U9530066	1.16
16 x 2 (5 Layer)*	240m	U9530067	1.16
16 x 2 (5 Layer)*	500m	U9530068	1.16
20 x 2 (5 Layer)*	500m	U9530078	1.89

Barrier pipe constructed of polyethylene of raised temperature (PE-RT) inner and an EVOH outer layer. For heating applications only. Maximum operating temperature 95°C at 8 bar.

*Available while stocks last.

Pipe Conduit



Description	Coils	Code	Price £/m
25.2 x 20 ID Black**	25m	U9510111	1.46
25 x 20 ID Red	50m	U9510030	1.07
25 x 20 ID Blue	50m	U9510040	1.07
28 x 23 ID Red	50m	U9510050	2.03

A range of flexible conduit with an internal diameter of between 19mm and 23mm. To protect and sleeve the pipe through areas where heat is not required. Pipe marked ** is slit for ease of installation.

Underfloor Heating Fixings

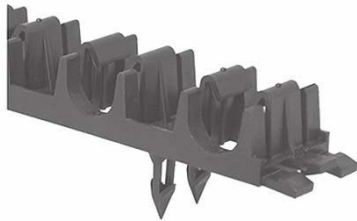
Scored Edge Strip



Description	Pack	Code	Price £/m
Edge Strip 150mm	25m roll	U9282010	0.81
Edge Strip with Overlap 150mm	25m roll	U9282020	0.92
Edge Strip c/w Overlap, Adhesive 150mm	25m roll	U9282030	0.99
Edge Strip 130mm	25m roll	U9282040	0.73
Edge Strip with Overlap, 130mm	25m roll	U9282050	0.88
Edge Strip c/w Overlap, Adhesive 130mm	25m roll	U9282060	0.98

Available in 2 widths 150mm and 130mm, both are 8mm thick in 25m rolls, three variants: Scored Edge Strip; Scored Edge Strip with Overlap (overlap creates a barrier between floor insulation and edging strip); Scored Edge Strip with adhesive tape (3cm wide) for easy application to the wall.

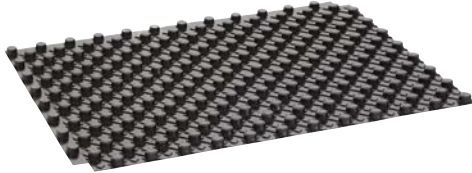
Clip Rail for Pipe 16mm - 20mm



Description	Unit Length	Pcs/Pack	Code	Unit Price £
Clip Rail without Adhesive	1m	1 Rail	U9282400	2.46
Clip Rail with Adhesive	1m	1 Rail	U9282410	2.88
Clip Rail with Double Barb	1m	1 Rail	U9282420	3.01

Three types of mounting rail to cater for pipes from 16mm to 20mm: Clip Rail without self adhesive tape, Clip Rail with adhesive and Clip Rail with double barb. All 1 metre in length and can be interconnected.

Castellated Panel



Description	Pcs/Pack	Code	Unit Price £
1250 x 850mm no Adhesive Layer	10.56m ²	28134260	158.60
1250 x 850mm with Adhesive Layer	10.56m ²	28134262	229.10

The panels are non-insulated and are designed to be laid on top of the insulation. The panels allow easy installation of underfloor heating pipework. A pack contains 11 panels.

Pipe Bend Supports



Description	Pcs/Pack	Code	Unit Price £
Bend Support 10mm - 12mm with Fixing Lug	1	U9282500	1.24
Bend Support 14mm - 18mm	1	U9282510	1.16
Bend Support 20mm - 22mm	1	U9282520	1.50
Bend Support 25mm	1	U9282530	1.82
Bend Support 32mm - 34mm	1	U9282540	4.51

Used to protect and support the pipe between the manifold and where it enters the floor, will prevent the pipe from excessive bending. Smaller size includes a fixing lug.

Tacker Gun for 40mm - 60mm Pipe Staples



Description	Pcs/Pack	Code	Unit Price £
Tacker Gun	1	U9282320	319.10

This manual stapling tool is designed to allow quick and continuous pipe fixing to insulation layer. It is recommended that you use the EMMETI tacker staples, shown on page 49 with this tacker gun. Now features a clip removal window in case of the clipping mechanism becoming blocked during installation.

Underfloor Heating Fixings (continued)

Tacker Staples for 16mm - 20mm Pipe



Description	Pcs/Pack	Code	Unit Price £
Single Hook 40mm	300	U9282100	0.07
Double Hook 40mm	300	U9282110	0.07
Double Hook 50mm	250	U9282120	0.08
Single Hook 57mm	300	U9282130	0.08

A range of staples designed for use with our tacker gun. Available in three lengths and as single or double hooked staples.

Manual Clips for 15mm - 18mm Pipe



Description	Pcs/Pack	Code	Unit Price £
Manual Clips 50mm (PP)	200	U9282200	0.06
Manual Clips 66mm (PP)	200	U9282220	0.07

Enables manual installation of pipe to the insulating layer. Material is Polypropylene (PP).

Straddle Clips



Description	Pcs/Pack	Code	Unit Price £
Straddle Clip 90mm x 28mm	100	U9282260	0.12

For use on insulation panels to retain and guide pipe, by bridging between bosses. Can also be used to bridge between insulation sheets to anchor them in place.

Twist Pipe Clips for 16mm - 18mm Pipe



Description	Pcs/Pack	Code	Unit Price £
Manual Twist Pipe Clip for 16mm - 18mm	50	U9282240	0.23

Used to fix floor heating pipes to the insulating layer, designed to be hand threaded into insulation to the pipe.

Spreader (Heat Emission) Aluminium Plates



Description	Pcs/Pack	Code	Unit Price £
Double Channel (2-way) without Cuts 390mm x 1m x 0.5mm x 200mm Centres	40	U9285450	12.28
Double Channel (2-way) Cuts 390mm x 1m x 0.5mm x 200mm Centres	40	U9285460	13.11
Single Channel (1-way) without Cuts 195mm x 1m x 0.5mm	50	U9285470	8.19
Single Channel (1-way) Cuts 195mm x 1m x 0.5mm	40	U9285480	8.19

To suspend underfloor heating pipe between joists or beneath wooden flooring. Can also be used with castellated panels to give even dissipation of heat. Available as single or double channels with 200mm centres. Suitable for 16mm pipe.

Underfloor Heating Fixings (continued)

Closing Bend for Spreader Plates

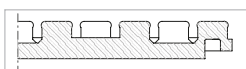


Description	Pcs/Pack	Code	Unit Price £
Closing Bend for Spreader Plate 400mm x 150mm x 200mm x16 dia Pipe	10	U9285510	2.88

For use with spreader plates. Designed to allow a closed bend at the end of each loop. Suitable for 16mm pipe, at 200mm centres. Material; expanded polystyrene.

These are not weight bearing surfaces. Please ensure that there is sufficient mechanical strength in the floor construction.
For sizing, OH means overall height and TI is thickness of insulation element of the panel.

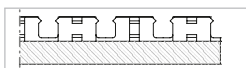
Standard Floor Insulating Panel



Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1100 x 600 x 32 / 10	40kg/m ³	20.18	14.52	28130079	293.00
1100 x 600 x 48 / 20	30kg/m ³	21.41	7.92	28134060	169.60
1100 x 600 x 63 / 30	30kg/m ³	24.77	6.6	28134050	163.50
1100 x 600 x 78 / H40	30kg/m ³	32.12	5.28	28134062	169.60
1100 x 600 x 78 / 50	30kg/m ³	38.35	4.62	28130093	177.20
1100 x 600 x 88 / H60	30kg/m ³	44.97	3.96	28134064	178.10

Blue panel in expanded polystyrene (EPS), with castellated surface bosses and interlocking grooves on overlapping edges, clad in a 0.16mm film of rigid polystyrene. Pipe spacing 50mm, for 16mm - 17mm pipe. CE EN 13163.

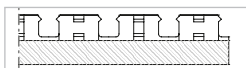
Standard Combi Floor Insulating Panel



Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 800 x 32 / H10	30kg/m ³	21.04	18.24	28134075	383.70
1200 x 800 x 42 / H20	25kg/m ³	23.89	13.44	28134077	321.10
1200 x 800 x 52 / H30	25kg/m ³	27.74	9.6	28134079	266.30

Black panel in expanded polystyrene (EPS), with castellated surface bosses and interlocking grooves on overlapping edges, clad in a 0.8mm film of rigid polystyrene. Pipe spacing 50mm, for 16mm - 17mm pipe. CE EN 13163.

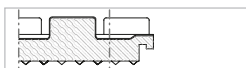
Classic Floor Insulating Panel without Film



Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 750 x 50 / 20	25kg/m ³	13.54	10.8	28130097	146.20

White panel in polystyrene (EPS), with castellated surface bosses and tongue-and-groove edges, no film, pipe spacing: 75mm, for 16mm - 17mm - 20mm pipe. CE EN 13163.
Available on request only: 40 days lead time.

Classic Floor Insulating Panel with Polystyrene Film (0.16mm Thickness)



Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 750 x 65 / 30	30kg/m ³	26.53	9	28130099	238.80
1200 x 750 x 65 / 30	25kg/m ³	24.44	9	28134024	220.00

Blue panel in polystyrene (EPS), with castellated surface bosses and tongue-and-groove edges, with polystyrene 0.16mm film, pipe spacing: 75mm, for 16mm - 17mm - 20mm pipe. CE EN 13163.

Available on request only: 40 days lead time.

Underfloor Heating Fixings (continued)

NEW

15mm LOWtex Panel

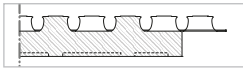


Description	Pcs/Pack	Code	Unit Price £
1050 x 650mm (0.6m ²)	16 (9.6m ²)	U9282700	16.26

Suitable for multiple build types, achieving the appearance, functionality and performance of a solid floor. The LOWtex panel can easily be installed by a single person and can also achieve greater outputs over dry install systems such as EPS, foil, plates and cement boards.

For more information on our NEW LOWtex panel, please see pages 100-101.

Step Combi Floor Sound-Insulating Panel

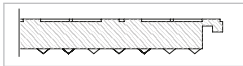


Description OH TI	Price £ m ²	Pack m ²	Code	Pack Price £
1400 x 800 x 51 / 30	28.53	6.72	28134098	191.70

Black panel in elastic expanded polystyrene (EPS-T), thermal and acoustic insulation (to 26dB under EN12354-2), with castellated surface bosses and interlocking knobs on overlapping edges, clad in a moulded 0.6mm film of rigid polystyrene. Pipe spacing 50mm, for 16mm pipe. CE EN 13163.

Available on request only: 40 days lead time.

Plan Floor Insulating Panel (Not Castellated)

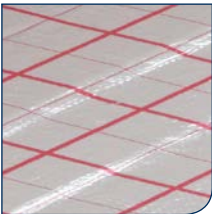


Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1100 x 600 x 30 / 30	30kg/m ³	11.09	21.35	28130072	236.80

Blue panel in polystyrene (EPS) for thermal insulation, with surface marks for laying pipes and perimeter slots (not castellated). Clad in a 0.16mm film of rigid polystyrene. 50mm pipe spacing marked. CE EN 13163.

Available on request only: 40 days lead time.

Floor Insulating Panel in a Roll (Not Castellated)

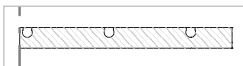
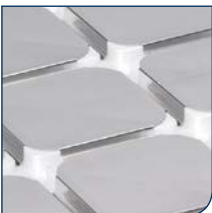


Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
10000 x 1000 x 30 / 30	25kg/m ³	24.55	10	28134250	245.50
10000 x 1000 x 40 / 40*	25kg/m ³	27.92	10	28134252	279.20
10000 x 1000 x 50 / 50*	25kg/m ³	32.28	10	28134254	322.80

Supplied as a 10 metre roll, 1 metre wide. Made of moulded expanded polystyrene (EPS) for thermal insulation, with an upper layer of aluminium/HDPE 0.16mm film and self-adhesive edge. Marked with red pipe guide lines at 50mm intervals.

*Available on request only: 40 days lead time.

Dry Floor Insulating Panel

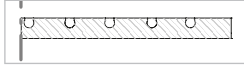


Description OH TI	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 600 x 28 / 10	63.98	11.52	28134100	737.00

Silver coloured expanded polystyrene panel EPS 200, with dovetail joints on the 4 sides and an upper aluminium foil layer 0.3mm. Pipe centres 150mm, for 17mm pipe. For straight runs only. CE EN 13163.

Underfloor Heating Fixings (continued)

Dry Floor Insulating Panel Header



Description OH TI	Price £ m ²	Pack m ²	Code	Pack Price £
600 x 300 x 28 / 10	58.21	5.76	28134104	335.30

Silver coloured expanded polystyrene panel EPS 200, with dovetail joints on the 4 sides and upper rigid polystyrene coating 0.3mm (it doesn't have an aluminium layer). Designed to allow a closed bend at the end of each loop. For 17mm pipe. CE EN 13163.

Galvanised Steel Plate, Thickness 1mm



Description OH TI	Pack m ²	Code	Pack Price £
600 x 600 x 1*	3.6	28134108	177.00
600 x 300 x 1*	3.6	28134112	177.00
600 x 600 x 1**	3.6	28134110	235.40
600 x 300 x 1**	3.6	28134114	235.40

*Without adhesive side - **With adhesive side.

Zone Controls

EWC-1 Hard Wired Wiring Centres with On/Off Switch



Description	Pcs/Pack	Code	Unit Price £
230V 8-way Wiring Centre with On/Off Switch	1	U9360010	170.10
24V 8-way Wiring Centre with On/Off Switch	1	U9360020	232.80

The EWC-1 wiring centre allows central connection of all system electrical components (230 or 24V) including:

- Up to 8 room thermostats
- Manifold circulating pump
- Central timeswitch
- Electro-thermic actuators (up to 5 per channel)
- Boiler signal

LED indication for each circuit, pump and boiler. On/off switch for safe isolation. Earth continuity terminals included. 24V version includes a 50VA transformer with the capacity to connect up to 15 x 3W actuators. For wiring and mounting details please see our website www.emmeti.co.uk

EWC-2 Hard Wired Wiring Centres



Description	Pcs/Pack	Code	Unit Price £
230V 8-way Wiring Centre	1	U9370001	130.00
230V 12-way Wiring Centre	1	U9370002	206.00

The EWC-2 wiring centre is a more commercially priced option available in 8 or 12-way. Allows central connection of all system electrical components (230V only) including:

- Up to 8 or 12 room thermostats
- Manifold circulating pump
- Central timeswitch
- Electro-thermic actuators (up to 5 per channel)
- Boiler signal

LED indication for pump/boiler combined. Earth continuity terminals included. For wiring and mounting details please see our website www.emmeti.co.uk

Zone Controls (continued)

EWC-4 Hard Wired Wiring Centres



Description	Pcs/Pack	Code	Unit Price £
230V 4-way Wiring Centre	1	U9380001	88.12

The EWC-4 is a compact, 4-way wiring centre designed for small underfloor and wall hung radiator systems. Allows central connection of all system components and includes:

- Connection for up to 4 room thermostats
- Central timeswitch terminals
- Manifold circulating pump terminals
- Boiler volt free terminals
- Electro-thermic actuator connection (up to 3 per channel)
- LED indication for boiler/pump operation.

NEW

ZONA™ - Smart Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



zona™

Description	Pcs/Pack	Code	Unit Price £
ZONA™ Smart Thermostat - White	1	U9330000	100.00
ZONA™ Smart Thermostat - Black	1	U9330001	100.00

A 230V wired thermostat with wifi functionality for use in all heating system types. Controlled via the ZONA™ APP or via the thermostat interface, the ZONA™ smart thermostat allows remote control and monitoring of the heating system.

Featuring GEO-location and optimum start for increased efficiency of the heating system the ZONA™ range is fully Boiler Plus compliant and smart home enabled integrating simply with Amazon Alexa and Google Assistant.

**For more information on our
NEW ZONA™ Smart Thermostat,
please see page 2.**



amazon echo

CS-17 Touch - Touchscreen Programmable Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V Touchscreen Programmable Thermostat	1	U9320001	77.58

A touchscreen programmable thermostat for underfloor and wall hung radiator systems. Features include touch screen operation, remote sensing for air and floor use, temperature limiting function, frost protection and optimum start.

CS-11 LCD Digital Timeswitch



Description	Pcs/Pack	Code	Unit Price £
230V Timeswitch	1	U9310070	62.74
24V Timeswitch	1	U9310170	62.74

Electronic digital single channel timeswitch enables the time control of underfloor or wall hung radiator circuits. Programming allows 6 on/off events per day as 7 day, 5 + 2, 6 + 1 and 24 hour programmes. Designed to be fitted to a 35mm single gang back box. 230V or 24V versions available.

For installation requirements and wiring connections, please see our website www.emmeti.co.uk

Zone Controls (continued)

TSTS -17 Touchscreen Timeswitches



Description	Pcs/Pack	Code	Unit Price £
230V Touchscreen Timeswitch (2-channel)	1	U9310072	118.20
230V Touchscreen Timeswitch (3-channel)	1	U9310073	128.80

2 and 3-channel touchscreen programmable timeswitches for use in multi-system applications. On/off switching for 2 or 3-channels respectively.
2-channel version has the option to switch CH1 & CH2 or DHW & Heating.
3-channel version has the option to switch CH1, CH2 & CH3 or Heating 1, Heating 2 & DHW.

Termec Electromechanical Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V / 24V 3 Contact	1	02001012	19.41
230V 3 Contact with LED	1	02001014	20.94
230V 3 Contact with LED & ind. Switch*	1	02001016	26.09
230V 3 Contact with LED & On/Off Switch	1	02001018	25.24
230V 2 Contact with LED & Heating/Cooling/Off Switch	1	02001020	26.36

Features include: LED calling for heat light, temperature range 5°C to 30°C, temperature differential 1.4°C, on/off and heating/cooling switch options.

*02001016 has an on/off switch which can be wired independently of the thermostat contacts.

Electromechanical Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V / 24V 3 Contact	1	U9132105	22.41
230V 3 Contact with LED	1	U9132115	23.73
230V 3 Contact with LED & On/Off Switch	1	U9132120	30.87
230V 3 Contact with LED & Heating/Cooling Switch	1	U9132135	32.19

Features include: LED calling for heat light, on/off and heating/cooling switch options. The U9132105 model may also be used for 24V applications.

Electronic Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132026	44.12
24V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132027	44.12

Electronic dial operated thermostat with changeover contacts available in 230V and 24V versions. LED provides call for heat indicator. U9132026 and U9132027 include variable night setback operation from 2°C to 7°C (default 4.5°C) when used with a suitable timeswitch. Available with remote sensor options on page 55.

Zone Controls (continued)

Tamperproof Room Thermostat

Single Zone
1
ErP Class
+1%

Multi Zone
8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132076	42.52
24V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132085	42.52

Electronic thermostat with concealed dial adjustment available in 230V and 24V versions. Both models include variable night setback (NSB) operation from 2°C to 7°C (default 4.5°C) when used with a suitable timeswitch.

Remote Sensors, Concealed and Wall-mounted Types

U9132011 /
U9250060 /
U9310057



U9132012 /
U9132023

Description	Pcs/Pack	Code	Unit Price £
Remote Sensor NTC 4.7K without Casing, 1.5m Length	1	U9132011	13.43
Remote Sensor NTC 4.7K without Casing, 3m Length	1	U9250060	22.88
Remote Sensor NTC 4.7K with Casing, No Lead	1	U9132012	11.19
Remote Sensor 10K with Casing, No Lead	1	U9132023	11.19
Remote Sensor NTC 10K without Casing, 3m Length	1	U9130057	5.30

Please see below compatibility table for use with EMMETI thermostats.

Description	Code	Suitable for	Code
Remote NTC 4.7K Sensor with Casing, No Lead Remote NTC 4.7K Sensor without Casing, 1.5m Lead Remote NTC 4.7K Sensor without Casing, 3m Length	U9132012 U9132011 U9250060	Electronic Dial Room Thermostat 24V with LED Electronic Dial Room Thermostat 230V with LED Tamperproof Room Thermostat 230V Tamperproof Room Thermostat 24V	U9132013/U9132027 U9132016/U9132026 U9132075/U9132076 U9132085
Remote NTC 10K Sensor with Casing, No Lead Remote NTC 10K Sensor without Casing, 3m Length	U9132023 U9130057	CS-11, TST-11 and CS-17 Thermostat Range	U9310090/U9310190 U9310047/U9310140 U9310010/U9310110 U9320001

Sensor Pocket



Description	Pcs/Pack	Code	Unit Price £
Brass Sensor Pocket 6mm dia x 33mm	1	U9132310	11.19

Brass sensor pocket with a 1/2" BSPM thread. For remote sensors U9132011 and U9250060.

Over Temperature Protection



Description	Pcs/Pack	Code	Unit Price £
Over Temp. Thermostat Low 20-40°C	1	U9132330	51.10
Over Temp. Thermostat High 40-70°C	1	U9132340	51.10

An over temperature protection device available in two versions - high temperature for direct manifold protection and low temperature for overall floor protection. Designed to be connected in series to the circulating pump, zone valve or heat source to "lock out" in the event of an over temperature situation. Internal dial to set the temperature limit and manually resettable lock out button.

Zone Controls (continued)

Control T - Electro-thermic Head



Description	Pcs/Pack	Code	Unit Price £
Normally Closed			
230V NC	1	01213242	19.46
24V NC	1	01213202	19.76
Normally Open			
230V NO	1	01213280	20.06
24V NO	1	01213260	20.36

Note: The electro-thermic heads can be used in conjunction with: Topway Type 2, FCU-HE and FMU3 Floor Mixing Unit. Supplied with 1m cable, 2 wires.

Control T - Electro-thermic Head Normally Closed with End Switch (4 A 230 V)



Description	Pcs/Pack	Code	Unit Price £
230V with Micro Switch NC	1	01213252	23.67
24V with Micro Switch NC	1	01213212	23.98

Note: The electro-thermic heads can be used in conjunction with: Topway Type 2, FCU-HE and FMU3 Floor Mixing Unit. Supplied with 1m cable, 4 wires. The two additional cores are connected to an auxiliary switch, which allows an external load to be energised on operation of the head.

Adaptor for Control T Electro-thermic Heads



Description	Pcs/Pack	Code	Unit Price £
Spacing Disc 9mm Dia. x 1mm Thick	12	90039364	2.46

To be fitted to electro-thermic heads in order to give additional travel when fitted to non-EMMETI manifolds.

Zone Controls Wireless

N MC8 W 8-channel Wiring Centre



Description	Pcs/Pack	Code	Unit Price £
8-channel Wiring Centre	1	02018120	271.30

230V wiring centre with eight independent channels (and auxiliary pump supply relay) which can be assigned to two different wireless thermostat controls (e.g. the N CTA W, N ETA W or N TA W above) for the activation of electro-thermic actuators when used with the N AR W receiving antenna on page 57. The centre also has the facility for night setback (NSB) operation with a N TA W thermostat. For installation, wiring and commissioning please see our website www.emmeti.co.uk

N R1 W 1-channel Wiring Centre and Receiver



Description	Pcs/Pack	Code	Unit Price £
Wireless Single Channel Receiver	1	U9132165	97.60

A 230V combined single channel wiring centre and receiving antenna. Designed to switch electro-thermic heads or circulators up to a maximum rating of 6A. Suitable for a single channel application using any one of our range of wireless thermostats, N TA W, N ETA W or N CTA W.

Zone Controls Wireless (continued)

N CTA W Programmable Thermostat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
Wireless Programmable Thermostat	1	02018110	117.80

Battery powered wireless electronic programmable thermostat with push-button programming, and large backlit LCD screen with programme and temperature/optional current time display. The unit can be programmed to give either 24hour/7 day operation with up to four programme periods a day. The front flap gives access to battery compartment and two dial operated temperature settings for day/night operation. Other features include anti-frost function, combined air and floor sensor function and holiday mode.

N TA W Thermostat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
Wireless Dial Thermostat	1	02018112	66.41

Battery powered wireless dial operated electronic thermostat, that can be operated to control heating or cooling with a simple internal change. The remotely located thermostat will signal the N AR W receivers connected to the U9132165 Wiring Centre and 02018120 Wiring Centre. Night set back (NSB) facility is available via the wiring centre.

N ETA W Digital Wireless Thermostat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
Wireless Digital Thermostat	1	U9132155	93.93

Wireless battery operated digital thermostat with blue back-lit LCD display. This unit can operate to control both heating and cooling and has temperature range limitation. The remotely located thermostat will signal the N AR W receivers connected to the U9132165 Wiring Centre and 02018120 Wiring Centre. Night set back (NSB) facility is available via the wiring centre. Available with remote sensor options on page 55.

N AR W Receiving Antenna



Description	Pcs/Pack	Code	Unit Price £
Wireless Receiver	1	U9132175	146.50

Wireless receiving antenna. Receives signalling from N TA W, N ETA W and N CTA W thermostats remotely located. Complete with 5m of cable for connecting to N MC2 W or N MC8 W wiring centres. One antenna can be used with up to ten wiring centres interconnected by the cables supplied with the wiring centre. They can also be used as repeaters to solve problems of difficult wireless transmission in large buildings. The power supply unit in this section should be used with the antenna when installed as a repeater.

Zone Controls Weather Compensating

RCE Weather Compensating Kit for Heating and Cooling



Description	Pcs/Pack	Code	Unit Price £
RCE Weather Compensator	1	28139070	357.50

The RCE is an electronic temperature controller that has three modes of operation; Weather Compensation, Fixed Point, and Modulating. It can be used for low temperature underfloor heating and cooling and high temperature radiator heating. Includes electronic control unit, remote mounting box, 2 sensors, probe holders and extension connector. The RCE can control 230V or 24V 0-10V mixing actuators.

Humidistat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
Programmable Thermo/Humidistat	1	02018090	307.90

Programmable heating and cooling thermostat with summer/winter changeover switch and built in humidity sensor. Designed for use with combined heating and cooling systems such as the RCE controller. Can be used to activate a dehumidifier. Battery powered with a large LCD display.

Pocket for Water Sensor



Description	Pcs/Pack	Code	Unit Price £
1/4" M	1	28153220	48.82

For use where a surface mounting probe is not suitable for sensing water temperature.

Housing for External Temperature Sensor



Description	Pcs/Pack	Code	Unit Price £
External Housing Sensor	1	28139076	20.52

Dew Sensor



Description	Pcs/Pack	Code	Unit Price £
Dew Sensor	1	28139072	97.92

For use in cooling systems.

Converter for Dew Sensor



Description	Pcs/Pack	Code	Unit Price £
Converter Unit	1	28139074	110.50

For use when installed as part of a large multi-dwelling cooling system. The converter will relay a condensation alarm to the centralised mixing station and RCE.

Zone Controls Weather Compensating (continued)

Transformer 230/24V 10 VA



Description	Pcs/Pack	Code	Unit Price £
230V/24V Transformer	1	28139130	35.60

Please note 10 VA capacity when using with EWC-4, consideration for loading requirements of actuators is needed.

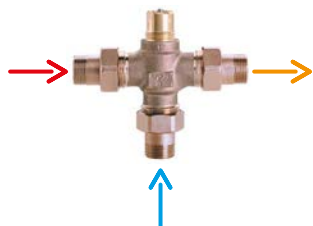
3-point Actuator for TM3-R, M3V Control Groups, FMU3 Floor Mixing Unit, FCU Floor Control Unit and Firstbox



Description	Pcs/Pack	Code	Unit Price £
230V	1	28157210	200.10
24V 0-10V	1	28157220	269.00

Electronic actuator for use with weather compensating kit 28139070.

3-way Mixing Valve for Weather Compensating Kit



Description	Pipe Union	Pcs/Pack	Code	Unit Price £
Kvs (m ³ /h)	Connection			
DN10 - 1.6	G a" M	1	28130210	155.30
DN20 - 4	G 1/2" F	1	28130214	189.30
DN25 - 6.3	G 3/4" F	1	28130216	315.80
DN25 - 10	G 1" F	1	28130218	355.30
DN32 - 16	G 1 1/4" F	1	28130220	471.00
DN40 - 25	G 1 1/2" F	1	28130222	559.90

PN 16 class, body in bronze, spindle in steel and o-rings in EPDM. Complete with unions. These valves are intended for use with weather compensating kit 28139070 and actuators 28130206, 28130208 and 28130209 shown on pages 58-60.

Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130206	253.20

24V, 0 - 10V. 200N Force.
Suitable for above mixing valve a", 1/2" and 3/4" only.

3-point Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130208	275.60

230V, 300N Force. Suitable for above mixing valve 1", 1 1/4" and 1 1/2" only.

Zone Controls Weather Compensating (continued)

Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130209	449.40

24V, 0 - 10V. 300N Force.
Suitable for the 3-way Mixing Valve 1", 1¼" and 1½" only, shown on page 59.

Contact Thermostat



Description	Pcs/Pack	Code	Unit Price £
0-60°C	1	02012038	16.27
30-90°C	1	02012040	16.27

Connect by wrapping the steel spring wire (provided) around the external surface of pipe. Designed for use with weather compensating kit 28139070 where overheat protection is required.

Thermometer Pocket, Connection Male ½"



Description	Pcs/Pack	Code	Unit Price £
Ø 7 L 50mm	1	00510682	6.02

Electronic actuator for use with weather compensating kit 28139070.

EMMETI offer a range of System Components and Spares, for use across plumbing and heating systems including Heat Interface Units (HIU's) and supporting accessories, expansion vessels, sealed system components and a wide range of ball valves, fittings and manifold spares.

GERPEX

System Components and Spares



Heat Interface Units

Indirect Twin HIU



Description	Pcs/Pack	Code	Unit Price £
Indirect Twin HIU	1	U2000000	3212.00

Heat Interface Unit with two plate heat exchangers, to supply instantaneous heat transfer to DHW and CH independently. Includes 12L expansion vessel, circulating pump for heating, thermostatic mixing valve for DHW, filling loop, air vents and temp/pressure gauge. Heat delivery up to 70kW, max primary pressure 10 bar, max secondary pressure 3 bar (heating), min working pressure 2 bar (DHW), max working temperature 95°C. See Smart System Components for control, metering accessories etc.

Indirect Single HIU



Description	Pcs/Pack	Code	Unit Price £
Indirect Single HIU	1	U2000001	2364.00

Heat Interface Unit with one heat exchanger for instantaneous central heating. Includes 12L expansion vessel, circulating pump for heating, air vents and temp/pressure gauge. Heat delivery up to 70kW, max primary pressure 10 bar, max secondary pressure 3 bar (heating) max working temperature 95°C. See Smart System Components for control, metering accessories etc.

Heat Interface Units (continued)

Indirect Heating - Direct DHW to Cylinder



Description	Pcs/Pack	Code	Unit Price £
Indirect Heating - Direct DHW to Cylinder	1	U2000002	2768.00

Heat Interface Unit with one heat exchanger for instantaneous heating. Includes take off connections for HW cylinder, 12L expansion vessel, circulating pump for heating, air vents and temp/pressure gauge. Heat delivery up to 60kW, max primary pressure 10 bar, max secondary pressure 3 bar (heating) max working temperature 95°C. See Smart System Components for control, metering accessories etc.

Indirect DHW - Direct Heating



Description	Pcs/Pack	Code	Unit Price £
Indirect DHW - Direct Heating	1	U2000003	2425.00

Heat Interface Unit with one heat exchanger for instantaneous DHW. Central heating is achieved directly from the primary district heating system. Includes thermostatic mixing valve for DHW, temp/pressure gauge, heating and hot water control valves. Heat delivery up to 70kW, max primary pressure 10 bar, max secondary pressure 3 bar (heating) min working pressure 2 bar (DHW) max working temperature 95°C. See Smart System Components for control, metering accessories etc.

Smart System Components

HIU Hot Water Actuator



Description	Pcs/Pack	Code	Unit Price £
HIU Hot Water Actuator	1	U2000004	464.70

HIU Hot Water Actuator is a constant flow temperature controller for applications where a constant water temperature is required. Temperature adjustment is made by an easy-to-use joystick and display interface. Complete with remote sensor and sensor pocket.

HIU Heating Actuator



Description	Pcs/Pack	Code	Unit Price £
HIU Heating Actuator	1	U2000005	444.40

The HIU Heating Actuator a constant flow temperature controller for applications where a constant water temperature is required. Temperature adjustment is made by an easy-to-use joystick and display interface.

HIU Weather Compensating Heating Actuator



Description	Pcs/Pack	Code	Unit Price £
HIU Weather Compensating Heating Actuator	1	U2000006	557.50

The HIU Weather Compensating Heating Actuator is an outdoor sensor based controller with integrated actuator. The regulation is based on outdoor sensor feedback and an adjustable characteristic heating curve. An offset/parallel adjustment of the characteristic heating curve may be activated by an external signal for example night settings.

Smart System Components (continued)

Heat Meter



Description	Pcs/Pack	Code	Unit Price £
Heat Meter	1	U2000007	601.90

Heat Meters are used to measure the distribution of heat energy in heating control systems. The Heat Meter used in our HIUs has MBUS feedback allowing remote recording of energy usage via Ethernet for billing purposes.

JIG for HIU



Description	Pcs/Pack	Code	Unit Price £
Jig for Single Plate HIU	1	U2000008	198.00
Jig for Twin Plate HIU	1	U2000009	359.60

A Jig is available for both Single and Twin plate HIUs. The Jig allows first fix pipework to be accurately installed prior to hanging the HIU.

A bypass connection is fitted to facilitate the flushing and pressure testing of the heat network primary pipework.

Water Meter



Description	Pcs/Pack	Code	Unit Price £
Water Meter	1	U2000010	198.00

Water meters are used to measure the water consumption in HIU's with instantaneous DHW production capabilities.

Sealed System Components (Heating)

Sealed System Kit



Description	Pcs/Pack	Code	Unit Price £
With Expansion Vessel Bracket	1	01306406	86.59
Without Expansion Vessel Bracket	1	01306408	69.88

Kit consists of: 15mm compression filling loop, c/w with a double check valve with integrated mini ball valve; 40cm aluminium braided EPDM hose and second mini ball valve; 3 bar safety valve; 0-4 bar pressure gauge and 4-way connector.

Sealed System Components (Heating) (continued)

Expansion Vessel Sealed System Kit



Description	Pcs/Pack	Code	Unit Price £
6 Litres	1	00103006	44.42
8 Litres	1	00103008	44.42
10 Litres	1	00103010	49.97
12 Litres	1	00103012	50.54
18 Litres	1	00103018	55.52
24 Litres	1	00103024	64.43

Vessels up to 24 litres should be used with the sealed system kit 01306406 on page 63. The bracket provided in the kit will support the vessel and control kit. All models made according to 97/23/EC Directive.

Expansion Vessel Sealed System Kit without Support Bracket



Description	Pcs/Pack	Code	Unit Price £
35 Litres (No Support)	1	00102400	110.60
50 Litres (No Support)	1	00102405	134.60

All models made according to 97/23/EC Directive.

Expansion Vessel Sealed System Kit with Integrated Support



Description	Pcs/Pack	Code	Unit Price £
35 Litres	1	00102500	130.70
50 Litres	1	00102505	163.80
80 Litres	1	00102410	228.80
100 Litres	1	00102415	266.60
150 Litres	1	00102420	377.60
200 Litres	1	00102425	494.30
250 Litres	1	00102430	624.70
300 Litres	1	00102435	732.80

These vessels are provided with an integrated base support ring, floor standing, to carry the weight of a full vessel. All models made according to 97/23/EC Directive.

Filling Loop



Description	Pcs/Pack	Code	Unit Price £
15mm	1	90023880	48.70

15mm copper compression filling loop, c/w double check valve, with integrated mini ball valve, 40cm aluminium braided EPDM hose and second mini ball valve.

Pressure Gauge with Axial Connection



Description	Pressure	Pcs/Pack	Code	Unit Price £
1/4" x 50mm	4 bar	1	00616020	6.59

Sealed System Components (Heating) (continued)

Heating Vessel Bracket



Description	Pcs/Pack	Code	Unit Price £
Heating Vessel Bracket	1	90023900	20.82

Supplied with screw and rawlplug kit.
Suitable for vessels up to 24L only.

Automatic Filling Valve



Description	Pcs/Pack	Code	Unit Price £
1/2" Without Pressure Gauge	1	00200514	56.22
1/2" With Pressure Gauge	1	00200614	63.76

Simple pressure reducer with built-in single check, isolator and gauge port. Used in conjunction with a sealed system kit to reach the required sealed system pressure automatically. When fitted with a type CA WRAS approved backflow device, can be left permanently connected. This ensures a maintained set system pressure.

Expansion Vessels for Potable Water Applications

Potable Expansion Vessel Suitable for Sanitary Application



Description	Colour	Pcs/Pack	Code	Unit Price £
0.16 Litres	Grey	1	01062012	49.44

Designed to prevent water hammer in systems connected to a mains water supply.

Max working pressure 20 bar
Standard pre set pressure 3.5 bar
Working temperature -10°C +100°C
Body material 304 L stainless steel
Membrane EPDM
Connection 1/2" MBSP

Certified 97/23/EC.

Potable Expansion Vessel Suitable for Sanitary Application



Description	Colour	Pcs/Pack	Code	Unit Price £
2 Litres	Grey	1	00800002	43.05
5 Litres	Grey	1	00800005	46.09
8 Litres	Grey	1	00800008	50.80
12 Litres	Grey	1	00800012	57.46
18 Litres	Grey	1	00800019	62.19
24 Litres	Grey	1	00800021	74.97

Designed to absorb the expansion of heated water in a potable water system.

Max working pressure 10 bar
Standard pre set pressure 2.5 bar (3.5 bar for 2 L and 5 L sizes)
Working temperature -10°C +100°C
Membrane butyl rubber up to 12 L, EPDM 18 L - 24 L
Connection 3/4" MBSP (1/2" for 2 L size)

Certified 97/23/EC.

Expansion Vessels for Potable Water Applications (continued)

Potable Expansion Vessel Bracket



Description	Pcs/Pack	Code	Unit Price £
Expansion Vessel Bracket	1	01306436	22.91

Suitable for all vessels up to 24 litres (260mm dia), with connection size 3/4" and 1" MBSP.

Potable Expansion Vessel Suitable for Sanitary Application



Description	Colour	Pcs/Pack	Code	Unit Price £
35 Litres	Blue	1	00800590	194.50
50 Litres	Blue	1	00800600	208.40
60 Litres	Blue	1	00800605	341.10
80 Litres	Blue	1	00800610	327.80
100 Litres	Blue	1	00800615	391.50
150 Litres	Blue	1	00800620	658.00
200 Litres	Blue	1	00800625	805.10
300 Litres	Blue	1	00800630	1050.00

Designed to absorb the expansion of heated water in a potable water system. Vessels are supplied with supporting feet.

Max working pressure 10 bar

Standard pre set pressure 1.5 bar for 35 L - 80 L sizes

2.5 bar for 100 L - 300 L sizes

Working temperature -10°C + 100°C

Membrane EPDM

Connection 1" MBSP 35 L - 150 L sizes, 1 1/4" MBSP 200 L - 300 L sizes

Certified 97/23/EC.

Potable Expansion Vessel Suitable for Sanitary Application



Description	Colour	Pcs/Pack	Code	Unit Price £
750 Litres	Blue	1	00800645	4825.00
1000 Litres	Blue	1	00800650	5487.00
1500 Litres	Blue	1	00800655	7699.00
2000 Litres	White	1	00800660	16572.00
3000 Litres	White	1	00800670	24863.00
5000 Litres	White	1	00800680	38350.00

Designed to absorb the expansion of heated water in a potable water system. Vessels are supplied with supporting feet.

Max working pressure 10 bar

Standard pre set pressure 2.5 bar

Working temperature -10°C + 50°C

Membrane EPDM 750 L - 1500 L sizes

Butyl rubber 2000 L - 5000 L sizes

Connection 2" MBSP 750 L size, 2 1/2" MBSP 1000 L - 1500 L sizes

DN65 2000 L - 5000 L sizes

Certified 97/23/EC.

Top Range of Dial Up Pressure Reducers

Top Dial Up Cold Water Pressure Reducer, Transparent Filter Inspection Cover



Description	Pcs/Pack	Code	Unit Price £
½" M-M Union	1	28103450	66.32
¾" M-M Union	1	28103452	70.24
1" M-M Union	1	28103454	84.77

Simple dial up pressure setting design, with integrated serviceable filter, and a blanked off gauge port on either side. Comes complete with pipe union connectors.
 Maximum upstream pressure 16 bar
 Adjustable downstream pressure 1-6 bar
 Maximum temperature 30°C.

Ball Valves

Pair of Progress Valves Male - Revolving Nut with Butterfly Handle 1" Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	01306708	28.12

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Straight Progress Valves with Offset Temperature Gauge, Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	01306710	43.09

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves, Female-Male with Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	01306712	40.30
1" F x MU c/w Temperature Gauge	1	01306714	53.80

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Straight Progress Valves with In-line Temperature Gauge, Compression and Pipe Union Connection



Description	Pcs/Pack	Code	Unit Price £
22mm x 1" MU	1	6052R622	70.89

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves with Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
¾" F x MU	1	9745R005	36.96
1" F x MU	1	6064R006	56.47
1¼" F x MU	1	9745R007	92.58

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Ball Valves (continued)

Pair Straight Progress Valves with Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
3/4" F x MU	1	9723R005	33.09
1" F x MU	1	6062R006	49.07
1 1/4" F x MU	1	9723R007	74.43
With In-line Temperature Gauge			
1 1/4" F x MU	1	9722R007	90.49

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves with Offset Temperature Gauge, Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	6063R006	68.66

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves with In-line Temperature Gauge, Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1 1/4" F x MU	1	9744R007	109.10

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Perfecta ball valves have a standard bore, sized from 1/2" to 2". They are made of CW617N brass, to EN12165, BSP threaded to ISO228/1 (DIN 259).

Female-Female BSP Connection, Red Aluminium Lever Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x F	1	8363R004	5.40
3/4" F x F	1	8363R005	7.38
1" F x F	1	8363R006	11.80
1 1/4" F x F	1	8363R007	18.64
1 1/2" F x F	1	8363R008	29.73
2" F x F	1	8363R009	45.48

See extension kit for handle on page 74, used to raise handle away from body.

Female-Male BSP Connection, Red Aluminium Lever Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x M	1	8364R004	5.82
3/4" F x M	1	8364R005	7.73
1" F x M	1	8364R006	12.57
1 1/4" F x M	1	8364R007	19.50
1 1/2" F x M	1	8364R008	31.28
2" F x M	1	8364R009	47.40

See extension kit for handle on page 74, used to raise handle away from body. 2" valve is pressure rated to PN16.

Ball Valves (continued)

Female-BSP Pipe Union, Red Aluminium Lever Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x MU	1	8372R004	8.92
3/4" F x MU	1	8372R005	12.48
1" F x MU	1	8372R006	19.43
1 1/4" F x MU	1	8372R007	29.73

See extension kit for handle on page 74, used to raise handle away from body.

Female-Female BSP Connection, Steel Lever Handle, with Red Plastic Sleeve



Description	Pcs/Pack	Code	Unit Price £
1/2" F x F	1	8360R004	5.72
3/4" F x F	1	8360R005	7.69
1" F x F	1	8360R006	12.35
1 1/4" F x F	1	8360R007	19.15
1 1/2" F x F	1	8360R008	30.29
2" F x F	1	8360R009	46.03

See extension kit for handle on page 74, used to raise handle away from body.

Female-Male BSP Connection, Steel Lever Handle, with Red Plastic Sleeve



Description	Pcs/Pack	Code	Unit Price £
1/2" F x M	1	8361R004	6.14
3/4" F x M	1	8361R005	8.06
1" F x M	1	8361R006	13.07
1 1/4" F x M	1	8361R007	20.02
1 1/2" F x M	1	8361R008	31.83
2" F x M	1	8361R009	47.94

See extension kit for handle on page 74, used to raise handle away from body.

Straight Perfecta with Female-Female BSP Connection



Description	Handle	Pcs/Pack	Code	Unit Price £
1/2" F x F	Red	1	8366R004	5.40
3/4" F x F	Red	1	8366R005	7.42
1" F x F	Red	1	8366R006	11.85
1" F x F	Blue	1	8370R006	11.85
1 1/4" F x F	Red	1	8366R007	18.64

Aluminium butterfly handle. See extension kit for handle on page 74, used to raise handle away from body.

Straight Perfecta with Female-Male BSP Connection



Description	Handle	Pcs/Pack	Code	Unit Price £
1/2" F x M	Red	1	8367R004	5.82
3/4" F x M	Red	1	8367R005	7.73
1" F x M	Red	1	8367R006	12.62
1" F x M	Blue	1	8368R006	12.62
1 1/4" F x M	Red	1	8367R007	19.50

Aluminium butterfly handle. See extension kit for handle on page 74, used to raise handle away from body.

Ball Valves (continued)

Straight Perfecta with Female-Male Pipe Union



Description	Handle	Pcs/Pack	Code	Unit Price £
1/2" F x MU	Red	1	8373R004	8.92
3/4" F x MU	Red	1	8373R005	12.53
1" F x MU	Red	1	8373R006	19.43
1" F x MU	Blue	1	8374R006	19.46
1 1/4" F x MU	Red	1	8373R007	29.77

Aluminium butterfly handle. See extension kit for handle on page 74, used to raise handle away from body. Pipe union straight thread.

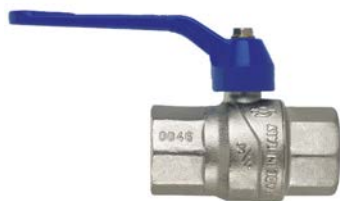
Pair Straight Perfecta with Female-Male Pipe Union, Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	9721R006	44.05
1" F x MU c/w Temperature Gauges	1	9720R006	59.69

Boxed as a pair, with red and blue handles. Parallel thread pipe union with o-ring sealing faces.

Female-Female Connection, Aluminium Lever Handle



Description	Pcs/Pack	Code	Unit Price £
1/4" F x F	1	80001014	6.43
3/8" F x F	1	80001038	5.93
1/2" F x F	1	80001012	7.29
3/4" F x F	1	80001034	11.10
1" F x F	1	80001100	17.92
1 1/4" F x F	1	80001114	27.13
1 1/2" F x F	1	80001112	38.72
2" F x F	1	80001200	64.11

See extension kit for handle on page 74, used to raise handle away from body.

Female-Male Pipe Union, Aluminium Lever Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x MU	1	80005013	11.06
3/4" F x MU	1	80005035	16.29
1" F x MU	1	80005101	25.40
1 1/4" F x MU	1	80005115	37.41

See extension kit for handle on page 74, used to raise handle away from body.

Female-Female Connection, Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
3/8" F x F	1	80001039	5.97
1/2" F x F	1	80001013	7.33
3/4" F x F	1	80001035	11.10
1" F x F	1	80001101	17.97
1 1/4" F x F	1	80001115	27.17

See extension kit for handle on page 74, used to raise handle away from body.

Ball Valves (continued)

Female-Male Connection, Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/4" F x M	1	80004015	6.58
3/8" F x M	1	80004039	6.48
1/2" F x M	1	80004013	7.60
3/4" F x M	1	80004035	11.30
1" F x M	1	80004101	18.13
1 1/4" F x M	1	80004115	27.95

See extension kit for handle on page 74, used to raise handle away from body.

Female-Male Pipe Union, Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x MU	1	80005012	11.06
3/4" F x MU	1	80005034	16.29
1" F x MU	1	80005100	25.40
1 1/4" F x MU	1	80005114	37.45

See extension kit for handle on page 74, used to raise handle away from body.

Female-Female Connection, Steel Lever Handle with Plastic Sleeve



Description	Pcs/Pack	Code	Unit Price £
1/4" F x F	1	80008014	6.54
3/8" F x F	1	80008038	6.02
1/2" F x F	1	80008012	7.70
3/4" F x F	1	80008034	11.47
1" F x F	1	80008100	18.65
1 1/4" F x F	1	80008114	27.69
1 1/2" F x F	1	80008112	39.33
2" F x F	1	80008200	64.72

See extension kit for handle on page 74, used to raise handle away from body.

Female-Male Connection, Steel Lever Handle with Plastic Sleeve



Description	Pcs/Pack	Code	Unit Price £
1/4" F x M	1	80008514	6.68
3/8" F x M	1	80008538	6.58
1/2" F x M	1	80008512	7.95
3/4" F x M	1	80008534	11.67
1" F x M	1	80008600	18.78
1 1/4" F x M	1	80008614	28.45
1 1/2" F x M	1	80008612	40.46
2" F x M	1	80008700	67.31

Tapered thread.

Right-Angle Female-Female Connection, Painted Aluminium Butterfly handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x F	1	6770R104	10.10
3/4" F x F	1	6770R105	13.86
1" F x F	1	6770R106	22.18

See extension kit for handle on page 74, used to raise handle away from body.

Ball Valves (continued)

Right-Angle Male-Female Connection, Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" M x F	1	6771R104	9.94
3/4" M x F	1	6771R105	13.79
1" M x F	1	6771R106	22.55

See extension kit for handle on page 74, used to raise handle away from body.
Tapered male thread.

Right-Angle Female-Male Connection, Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" F x M	1	6772R104	10.14
3/4" F x M	1	6772R105	13.91
1" F x M	1	6772R106	22.51

See extension kit for handle on page 74, used to raise handle away from body.
Tapered male thread.

Right-Angle Male-Male Connection, Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" M x M	1	6773R104	9.98
3/4" M x M	1	6773R105	13.86
1" M x M	1	6773R106	22.86

See extension kit for handle on page 74, used to raise handle away from body.
Tapered male thread.

Right-Angle Male Pipe Union-Female Connection, Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" MU x F	1	6774R076	13.10
3/4" MU x F	1	6774R080	18.43
1" MU x F	1	6774R084	29.43

See extension kit for handle on page 74, used to raise handle away from body.

Right-Angle Male Pipe Union-Male Connection, Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" MU x M	1	6775R076	13.14
3/4" MU x M	1	6775R080	18.48
1" MU x M	1	6775R084	29.77

See extension kit for handle on page 74, used to raise handle away from body.
Tapered male thread.

Ball Valves (continued)

Right-Angle Female Loose Nut Union-Male Connection, Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" x 3/4" FU x M	1	6071R077	12.79
3/4" x 1" FU x M	1	6071R081	17.52
1" x 1 1/4" FU x M	1	6071R085	27.89

See extension kit for handle on page 74, used to raise handle away from body.
Tapered male thread.

Nickel-plated for Copper Pipe BS 864, Complete with Nut and Olive, Red Painted Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
15 x 15	1	6012R515	9.69
22 x 22	1	6012R522	12.96

Male 24mm x 19mm-Female BSP, Nickel-plated, with Red Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" - 24 x 19 M x F	1	6014R954	5.93
3/4" - 24 x 19 M x F	1	6014R955	6.35

Male 24mm x 19mm-Male BSP, Nickel-plated, with Red Painted Aluminium Butterfly Handle



Description	Pcs/Pack	Code	Unit Price £
1/2" - 24 x 19 M x M	1	6018R954	6.14
3/4" - 24 x 19 M x M	1	6018R955	6.92

Top Butterfly Handle 24mm x 19mm



Description	Pcs/Pack	Code	Unit Price £
24 x 19 - 24 x 19 M x M	1	6010R518	6.25

Top Butterfly Handle 24mm x 19mm Female



Description	Pcs/Pack	Code	Unit Price £
1/2" BSP - 24 x 19 M x F	1	6014R954	5.93
3/4" BSP - 24 x 19 M x F	1	6014R955	6.35

Ball Valves (continued)

Top Butterfly Handle 24mm x 19mm Male



Description	Pcs/Pack	Code	Unit Price £
1/2" BSP - 24 x 19 M x M	1	6018R954	6.14
3/4" BSP - 24 x 19 M x M	1	6018R955	6.92

Extension Kit For Handle



Description	Pcs/Pack	Code	Unit Price £
1°	1	09008701	1.38
2° *	1	09008702	1.95
3°	1	09008703	2.34
4°	1	09008704	3.19

*Specify whether it is for M5 or M6 threaded valves in the order.

Extension Kit Compatibility by Valve Type

Valve Type	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
Perfecta	1°	1°	2°	2°	3°	3°	-	-	-
Evolution/Progress	1°	1°	2°	2°	3°	3°	4°	4°	4°

Aluminium Red Lever Handle



Description	Type	Pcs/Pack	Code	Unit Price £
1/2" - 3/4"	Perfecta	1	09008961	0.56
1" - 1 1/4"	Perfecta	1	09008962	0.72
1 1/2" - 2"	Perfecta	1	09008963	1.36
1/2" - 3/4"	Evolution/Progress	1	09008961	0.56
1" - 1 1/4"	Evolution/Progress	1	09008962	0.72
1 1/2" - 2"	Evolution/Progress	1	09008963	1.36
2 1/2" - 3"	Evolution/Progress	1	09008212	4.30
4"	Evolution/Progress	1	09008300	4.79
3/8" - 1/2"	Lever Ball Taps	1	09008960	0.56
3/4" - 1 1/2"	Lever Ball Taps	1	09008961	0.56
3/8" - 1/2" - 3/4" - 1"	Lever Ball Taps	1	09008961	0.56

Aluminium Blue Lever Handle



Description	Type	Pcs/Pack	Code	Unit Price £
1/4" - a" - 1/2" - 3/4"	Perfecta/Evolution	1	09008801	0.61
1" - 1 1/4"	Perfecta/Evolution	1	09008802	0.77
1 1/2" - 2"	Perfecta/Evolution	1	09008803	1.36

Steel Red Lever Handle



Description	Type	Pcs/Pack	Code	Unit Price £
1/2" - 3/4"	Perfecta	1	4315T004	0.67
1" - 1 1/4"	Perfecta	1	4315T006	0.86
1 1/2" - 2"	Perfecta	1	4315T008	1.39
1/4" - a" - 1/2" - 3/4"	Evolution	1	4315T004	0.67
1" - 1 1/4"	Evolution	1	4315T006	0.86
1 1/2" - 2"	Evolution	1	4315T008	1.39

Ball Valves (continued)

Steel Red Lever Handle



Description	Type	Pcs/Pack	Code	Unit Price £
15 - 22	Evolution Comp	1	09008670	0.55

Aluminium Red Butterfly Handle



Description	Type	Pcs/Pack	Code	Unit Price £
1/2" - 3/4"	Perfecta	1	09008216	0.61
1" - 1 1/4"	Perfecta	1	09008226	0.77
3/8" - 1/2"	Lever Ball Taps	1	09008200	0.48
3/4" - 1"	Lever Ball Taps	1	09008216	0.61
3/8" - 1/2" - 3/4" - 1"	Lever Ball Taps	1	09008216	0.61

Aluminium Red Butterfly Handle



Description	Type	Pcs/Pack	Code	Unit Price £
15 - 22	Evolution Comp	1	09008255	0.67

Aluminium Blue Butterfly Handle



Description	Type	Pcs/Pack	Code	Unit Price £
1/4" - 3/8" - 1/2" - 3/4"	Evolution	1	09008210	0.61
1" - 1 1/4"	Evolution	1	09008220	0.77

Motorised Ball Valves

These motorised ball valves are available as two port zone valves or three port diverter valves. They are 'motor open' and 'motor close' valves and cannot be used as mid-position or mixing valves.



IP 55

If installed as shown in this image the actuator will be protected against limited dust ingress and small jets of water from all direction.



IP 50

If installed as shown in these images the actuator will remain protected against limited dust ingress but will have no protection against water ingress. (Not recommended)



Modulo Compact 230V 2-way with Pipe Union Connection Nut and Tailpiece



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	2	1	01425800	185.80
3/4"	2	1	01425802	202.30
1"	2	1	01425804	228.40

Motorised Ball Valves (continued)

Modulo Compact 230V 2-way with Female-Female Thread



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	2	1	01425820	177.90
3/4"	2	1	01425822	188.60
1"	2	1	01425824	210.50

Modulo Compact 230V 3-way Diverter with Pipe Union Connection Nut and Tailpiece



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	3	1	01425806	200.10
3/4"	3	1	01425808	227.10
1"	3	1	01425810	266.60

Cannot be used as a mid-position or mixing valve.

Modulo Compact 230V 3-way Diverter with Female-Female Thread



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	3	1	01425826	189.20
3/4"	3	1	01425828	206.60
1"	3	1	01425830	233.10

Cannot be used as a mid-position or mixing valve.

Modulo Plus 230V 2-way with Pipe Union Connection Nut and Tailpiece



Description	Ways	Pcs/Pack	Code	Unit Price £
1 1/4"	2	1	01425700	381.00
1 1/2"	2	1	01425702	465.80
2"	2	1	01425704	588.80

Modulo Plus 230V 3-way Diverter with Pipe Union Connection Nut and Tailpiece



Description	Ways	Pcs/Pack	Code	Unit Price £
1 1/4"	3	1	01425710	437.70
1 1/2"	3	1	01425712	562.10
2"	3	1	01425714	756.60

Cannot be used as a mid-position or mixing valve.

Motorised Ball Valves (continued)

Modulo Plus 230V 2-way with Female-Female Thread



Description	Ways	Pcs/Pack	Code	Unit Price £
1¼"	2	1	01425730	347.70
1½"	2	1	01425732	399.00
2"	2	1	01425734	457.70

Modulo Plus 230V 3-way Diverter with Female-Female Thread



Description	Ways	Pcs/Pack	Code	Unit Price £
1¼"	3	1	01425740	384.60
1½"	3	1	01425742	458.70
2"	3	1	01425744	564.80

Cannot be used as a mid-position or mixing valve.

Actuator for Modulo Compact



Description	Pcs/Pack	Code	Unit Price £
2-way - 230V, 8 Nm	1	01425860	132.30
3-way - 230V, 8 Nm	1	01425862	132.30
4-way - 230V, 8 Nm	1	01425864	132.70
2-way - 24V, 8 Nm	1	01425866	136.30
3-way - 24V, 8 Nm	1	01425868	136.30
4-way - 24V, 8 Nm	1	01425870	136.40

Suitable for valve bodies up to 1".

Actuator for Modulo Plus



Description	Pcs/Pack	Code	Unit Price £
2-way - 230V, 28 Nm	1	01420170	252.90
3-way - 230V, 28 Nm	1	01420172	252.60

Body for Modulo Compact and Modulo Plus 2-way with Pipe Union Connection Nut and Tailpiece



Description	Ways	Pcs/Pack	Code	Unit Price £
½"	2	1	90021400	40.01
¾"	2	1	90021410	53.27
1"	2	1	90021420	74.61
1¼"	2	1	90021430	101.30
1½"	2	1	90021440	169.30
2"	2	1	90021450	268.10

½" - 1" suitable for Modulo Compact.

1¼" - 2" suitable for Modulo Plus.

Motorised Ball Valves (continued)

Body for Modulo Compact and Modulo Plus 3-way Diverter with Pipe Union Connection Nut and Tailpiece



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	3	1	90021320	51.53
3/4"	3	1	90021460	73.50
1"	3	1	90021470	105.30
1 1/4"	3	1	90021480	147.00
1 1/2"	3	1	90021490	245.10
2"	3	1	90021500	400.90

1/2" - 1" suitable for Modulo Compact.
1 1/4" - 2" suitable for Modulo Plus.

Body for Modulo Compact and Modulo Plus 2-way with Female-Female Thread



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	2	1	90021200	31.55
3/4"	2	1	90021210	40.13
1"	2	1	90021220	57.65
1 1/4"	2	1	90021230	72.28
1 1/2"	2	1	90021240	113.40
2"	2	1	90021250	159.50

1/2" - 1" suitable for Modulo Compact.
1 1/4" - 2" suitable for Modulo Plus.

Body for Modulo Compact and Modulo Plus 3-way Diverter with Female-Female Thread



Description	Ways	Pcs/Pack	Code	Unit Price £
1/2"	3	1	90021310	40.62
3/4"	3	1	90021260	54.49
1"	3	1	90021270	75.91
1 1/4"	3	1	90021280	101.90
1 1/2"	3	1	90021290	160.50
2"	3	1	90021300	245.20

1/2" - 1" suitable for Modulo Compact.
1 1/4" - 2" suitable for Modulo Plus.

Insulating Shells for Modulo Compact and Modulo Plus Bodies and Actuator



Description	Pcs/Pack	Code	Unit Price £
For Ball Valve 2-way 1/2"	1	90045150	6.76
For Ball Valve 2-way 3/4"	1	90045160	9.43
For Ball Valve 2-way 1"	1	90045170	13.46
For Ball Valve 3-way 1/2"	1	90045210	9.43
For Ball Valve 3-way 3/4"	1	90045220	10.96
For Ball Valve 3-way 1"	1	90045230	15.66
For Ball Valve 2-way 1 1/4"	1	90045180	15.21
For Ball Valve 2-way 1 1/2"	1	90045190	17.17
For Ball Valve 2-way 2"	1	90045200	18.94
For Ball Valve 3-way 1 1/4"	1	90045240	16.78
For Ball Valve 3-way 1 1/2"	1	90045250	22.45
For Ball Valve 3-way 2"	1	90045260	27.22
For Modulo Compact Motorised Valve Actuator	1	90045270	16.55

1/2" - 1" suitable for Modulo Compact Valves.
1 1/4" - 2" suitable for Modulo Plus Valves.

Threaded Fittings

Elbow Joint Female BSP-Male With Flange, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" F BSP	24 x 19	1	28103300	5.23

Elbow Joint Male-Female BSP, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" F BSP	24 x 19	1	28103100	3.50
3/4" F BSP	24 x 19	1	28103110	4.64
3/4" F BSP	32 x 1.5	1	28103120	5.10
1" F BSP	32 x 1.5	1	28103130	7.16

Elbow Joint Male-Male BSP, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" M BSP	24 x 19	1	28103140	3.25
3/4" M BSP	24 x 19	1	28103150	4.10
3/4" M BSP	32 x 1.5	1	28103160	4.45
1" M BSP	32 x 1.5	1	28103170	6.67

Elbow Joint Male-Male, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
24 x 19	24 x 19	1	28103180	3.34
32 x 1.5	32 x 1.5	1	28103190	5.23

Straight Joint Male-Female BSP, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" F BSP	24 x 19	1	28103000	2.17
3/4" F BSP	24 x 19	1	28103010	3.46
3/4" F BSP	32 x 1.5	1	28103020	3.72
1" F BSP	32 x 1.5	1	28103030	4.26

Straight Joint Male-Male, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" M BSP	24 x 19	1	28103040	2.23
3/4" M BSP	24 x 19	1	28103050	3.34
3/4" M BSP	32 x 1.5	1	28103060	3.72
1" M BSP	32 x 1.5	1	28103070	3.99

Threaded Fittings (continued)

Straight Joint Male-Male, Nickel-plated (Repair Kit)

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
24 x 19	24 x 19	1	28103080	2.23
32 x 1.5	32 x 1.5	1	28103090	3.84

A straight connector, can be used as a repair kit in case of damaged pipe by using two connectors and 4 correct pipe size Monobloccos.

Tee Joint Male-Male-Female BSP, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" F BSP	24 x 19	1	28103200	4.52
3/4" F BSP	24 x 19	1	28103210	5.82

Tee Joint Male-Male-Male BSP, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
1/2" M BSP	24 x 19	1	28103240	4.43
3/4" M BSP	24 x 19	1	28103250	5.34
3/4" M BSP	32 x 1.5	1	28103260	6.39

Tee Joint Male-Male-Male, Nickel-plated

WRAS Approved



Description	Thread	Pcs/Pack	Code	Unit Price £
24 x 19	24 x 19	1	28103280	4.15

Low Loss Headers

Open Manifold

28151040



28151042



Description	Pcs/Pack	Code	Unit Price £
2 1/2" - 2+2	1	28151040	194.60
2 1/2" - 4+2	1	28151042	300.30

Supplied with 2 x swivel adaptors 1 1/4" M x 1" M (reducers), automatic air vent and drain/fill valve. Insulating shell available, see page 81.

Open Manifold (Low Loss Header)



Description	Pcs/Pack	Code	Unit Price £
2 1/2" - 2+2	1	28151048	201.90

Supplied with 2 x swivel adaptors 1 1/4" M x 1" M, automatic air vents and drain/fill valve.

Low Loss Headers (continued)

Open Manifold 2+2 Off Set, Takeoff Firstbox



Description	Pcs/Pack	Code	Unit Price £
3" 2+2+5 Off Set	1	07400284	299.50

Primary Connections: Female 1 1/4"
 Secondary Connections: Female 1/2"
 Max Operating Pressure: 8 bar
 No insulation shell available

Open Manifold



Description	Pcs/Pack	Code	Unit Price £
3" 4+2+5	1	07400176	151.90

Primary Connections: Female 1"
 Secondary Connections: Female 1/2"
 Max Operating Pressure: 8 bar
 No insulation shell available

Insulating Shell for Firstbox Open Manifold



Description	Pcs/Pack	Code	Unit Price £
Insulating Shell	1	01306512	48.63

To be used with 28151040 Open Manifold. For use with 28151042 drill additional holes with a cutter.
 In mesh expanded closed cell polyethylene.

Insulating Shell for Open Manifold



Description	Pcs/Pack	Code	Unit Price £
2 1/2"	1	01306564	20.03

Insulating shell for use with code 28151048.

Manifold Accessories

Backless On-wall Manifold Cabinet for Heating Manifolds



Description	Pcs/Pack	Code	Unit Price £
L400mm (380 x 640 x 135)	1	U9282600	71.27
L530mm (510 x 640 x 135)	1	U9282620	81.30
L680mm (660 x 640 x 135)	1	U9282630	94.63
L830mm (810 x 640 x 135)	1	U9282640	107.10
L1030mm (1010 x 640 x 135)	1	U9282650	121.70
L1130mm (1110 x 640 x 135)	1	U9282660	125.00

A range of backless metal cabinets designed to be fitted once the manifold has been fitted, tested, commissioned and decoration has been completed. Please see cabinet sizing technical guide at www.emmeti.co.uk for correct selection.

Manifold Accessories (continued)

Manifold Cabinet in Galvanized Steel with White Enamelled Door



Description	Pcs/Pack	Code	Unit Price £
L500mm (560 x 600 x 80-120)	1	01301450	110.60
L700mm (760 x 600 x 80-120)	1	01301454	139.10
L850mm (910 x 600 x 80-120)	1	01301456	171.40
L1000mm (1060 x 600 x 80-120)	1	01301458	199.30
L1200mm (1260 x 600 x 80-120)	1	01301460	227.90

Door to fit flush with finished surface. Box for manifolds, flush fitting with adjustable depth. Supplied complete with quarter turn catch, feet adjustable for height from 0mm to 100mm and cover for protection during site work. Key lock can be purchased separately see code 90065020.

Key Lock for In-wall Manifold Cabinets



Description	Pcs/Pack	Code	Unit Price £
Key Lock	1	90065020	26.45

Termobox - White Plastic Universal Manifold Box



Description	Pcs/Pack	Code	Unit Price £
310 x 310 x 90	1	01302092	19.70
460 x 310 x 90	1	01302102	24.27
610 x 310 x 90	1	01302112	31.11

Integrated into the back panel of the box are two slider rails, to support an upper and lower manifold when used with slider rail brackets.

Suitable for use with hot and cold plumbing manifolds, as well as heating manifolds. Knock out panels allow for pipe distribution on all sides.

For manifold sizing information, please see our website www.emmeti.co.uk

Copper Adaptor; Brass Chrome-plated

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
22mm Copper x 1" M BSP	1	U9240018	5.84
22mm Copper x 3/4" M BSP	1	U9240020	4.40

Straight Fitting Female 24mm x 19mm - Male 32mm x 1.5mm

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
24 x 19 - 32 x 1.5	1	01306252	8.25

Complete with o-ring and adaptor for female connection.

Straight Fitting Male 1/2" - Male 32mm x 1.5mm

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
1/2" M BSP - 32 x 1.5	1	01306250	7.27

Complete with o-ring on 1/2" BSP male side.

Manifold Accessories (continued)

Straight Swivel Adaptors, Nickel-plated

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
1" M x 1" M	1	01306426	12.70
1 1/4" M x 1 1/4" M	1	01306430	20.39
1 1/4" M x 1" M Reducer	1	01306432	17.39
3/4" M x 3/4" M	1	01306434	12.02

Allows orientation of product during installation.

Straight Male-Male Adaptors

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
1" M x 1" M with o-ring Seal	1	90006700	5.54
1 1/4" M x 1 1/4" M with o-ring Seal	1	90006910	8.91

For bridging between Topway manifolds.

Blanking Plugs, Male and Female

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
1/2" M with o-ring Seal	1	90004930	1.50
3/4" M with o-ring Seal	1	90004820	2.17
1" M with o-ring Seal	1	90004830	2.91
1 1/4" M with o-ring Seal	1	90005070	4.55
3/4" F*	1	01291536	1.95
1" F*	1	01291538	3.08
24 x 19 F with o-ring Seal (Manifold Outlet Cap)	1	01321460	1.71

*Use the appropriate washer (90008200 or 90008210) shown below when ordering these items.

Female Washers

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
3/4" F	1	90008200	0.33
1" F	1	90008210	0.27

Reducer Fittings, Nickel-plated

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
3/4" M x 1/2" F	1	90005050	2.12
3/4" M x 1/2" F	1	90004840	2.34
1" M x 1/2" F	1	90005060	3.82
1" M x 1/2" F	1	90004850	3.82
1" M x 3/4" F	1	90006870	3.22
1 1/4" M x 1/2" F	1	90005080	6.83
1 1/4" M x 1" F	1	90005084	5.12
1/2" M x 1/4" F with o-ring Seal and Gasket	1	01306464	4.29

Manifold Accessories (continued)

Metal Brackets for Topway Manifolds, Pairs of Single Brackets



Description	Pcs/Pack	Code	Unit Price £
¾"	Pair	90011500	8.17
1"	Pair	90011510	8.25
1¼"	Pair	90011520	8.29

Metal Brackets for Topway Manifolds, Pairs of Double Brackets



Description	Centres	Pcs/Pack	Code	Unit Price £
¾"	200mm	Pair	90011530	13.56
1"	200mm	Pair	90011540	13.68
1¼"	200mm	Pair	90011550	13.78
¾"	210mm	Pair	90011560	12.99
1"	210mm	Pair	90011570	13.11
1¼"	210mm	Pair	90011580	13.23
T2 Topway Plus Manifolds				
1"	210mm	Pair	01306826	13.41

For use when fitting a manifold to either a 200mm or 210mm centre control group.

Plastic Bracket Support Kits for Topway and TopSan Manifolds



Description	Size	Pcs/Pack	Code	Unit Price £
10 Pairs Bracket Support Kit	¾"	1	01302120	12.48
10 Pairs Bracket Support Kit	1"	1	01302130	12.48

To be used with slider rails or Termobox cabinet.

Plastic Bracket Support Kits for Modular and Multiplex Manifolds



Description	Size	Pcs/Pack	Code	Unit Price £
10 Pairs Bracket Support Kit	¾"	1	01302140	10.73
10 Pairs Bracket Support Kit	1"	1	01302150	10.73

To be used with slider rails or Termobox cabinet.

Aluminium Slider Rail for Bracket Support Kits supplied with Screw and Rawlplug Pack



Description	Pcs/Pack	Code	Unit Price £
200mm	1	01306398	10.38
400mm	1	01306400	15.93

Provided with two 4.5mm dia pre-drilled holes.

The 400mm version is provided with four 4.5mm dia pre-drilled holes, in two pairs spaced 160mm apart. Kiss cut at 200mm.

Insulating Shells for Topway Manifolds

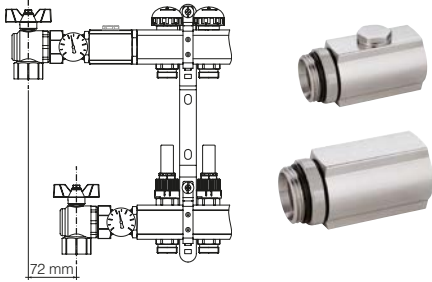


Description	Pcs/Pack	Code	Unit Price £
1¼"	1	01306502	30.79

In extruded polyethylene. 12 branch holes at 50mm intervals. To be cut to size according to the number of ways of the manifold to be insulated.

Manifold Accessories (continued)

Extension Piece for Topway Manifolds



Description	Pcs/Pack	Code	Unit Price £
M-F 1" c/w 1/2" Blanked Port	1	01306254	22.00
M-F 1 1/4" no Port	1	01306256	25.11

Used to offset either the flow or return angled ball valves on the left side of a manifold. It allows you to run pipe vertical and parallel.

Spanner for Straight Swivel Adaptors 37mm - 48mm AF



Description	Pcs/Pack	Code	Unit Price £
37mm - 48mm	1	01306044	6.20

Two are required when tightening swivel adaptors.

27mm - 30mm AF Spanner for tightening 24mm x 19mm Monoblocco Connectors



Description	Pcs/Pack	Code	Unit Price £
27mm - 30mm	1	01306058	76.90

Designed to easily tighten the takeoff connections in the 36mm interaxial space provided. The 30mm jaw is designed for use with larger Monoblocco connectors.

27mm AF Spanner for Tightening 24mm x 19mm Monoblocco Connectors



Description	Pcs/Pack	Code	Unit Price £
27mm	1	01306054	8.02

For Monoblocco connectors up to dia 18mm only. Shoulderless spanner for manifolds with 36mm interaxials.

38mm AF Spanner for 32mm x 1.5mm Monoblocco Connectors



Description	Pcs/Pack	Code	Unit Price £
38mm	1	28171002	121.30

To be used for the tightening of Monoblocco connectors 32 x 1.5 on the takeoff connections of Topway manifolds with 50mm connector spacing.

1" End T-piece Nut and o-ring



Description	Pcs/Pack	Code	Unit Price £
1" M x 1/2" F BSP x 1/2" F BSP	1	01306298	14.97
T2 Topway Plus Manifolds			
1" M x 1/2" F BSP x 1/2" F BSP	1	01306854	9.01

With 1/2" female connections for manual or automatic air vent, drain/fill valves, pressure gauges or temperature/pressure gauges. The 1" M connection to the manifold is complete with an o-ring sealing face and locking nut for easy orientation.

Manifold Accessories (continued)

Hose Tail for Filling and Draining



Description	Pcs/Pack	Code	Unit Price £
3/4" Loose Nut x 3/8" Barb	1	09020012	1.44

Straight Male-Female Adaptor



Description	Pcs/Pack	Code	Unit Price £
1" M x 1" F Flat Union Coupling and Gasket	Pair	01306460	20.92

These are sold in pairs.

Straight Male-Female Adaptor



Description	Pcs/Pack	Code	Unit Price £
1" M BSP x 1" F Union Connector	1	90055960	17.13

Two are required when tightening swivel adaptors, for use with stainless steel manifolds.

Remote Sensing Thermostatic Actuator



Description	Pcs/Pack	Code	Unit Price £
Remote Sensing Thermostatic Actuator	1	90060890	35.03

A remote sensing thermostatic actuator with a shortened and sleeved capillary tube (400mm) to give added protection. Temperature range between 20-65°C with range limiting pins.

Male Tee Union with Female Pipe Union for Temperature Gauge



Description	Pcs/Pack	Code	Unit Price £
FU-M 24 x 19	1	90011760	9.49

The temperature gauge on page 85 is designed to be fitted to the flow and return manifold takeoff connections, allowing in-line monitoring of circuit temperatures.

Differential Pressure By-pass Kit with Right-Angle Progress Ball Valves



Description	Pcs/Pack	Code	Unit Price £
1"	1	01306186	150.60

Differential pressure by-pass valve from 0.2 to 0.5 bar.

For connection to the left side of a manifold, connecting to flow and return rails. By-passed flow direction is from flow (red handle) to return (blue handle).

Manifold Accessories (continued)

Differential Pressure By-pass Kit



Description	Pcs/Pack	Code	Unit Price £
1"	1	01306174	50.10
1 1/4"	1	01306176	56.74

For Topway pre-assembled manifolds.

For connection to the right-hand side of a manifold, connecting to flow and return rails. For this configuration, the flow is on the bottom connection and the return on the top connection. It can easily be reversed on site.

Differential pressure by-pass valve from 0.2 to 0.5 bar.

Pressure Gauge with Radial Connection



Description	Size	Pcs/Pack	Code	Unit Price £
1/4" x 50mm	4 bar	1	00612452	6.59
1/4" x 50mm	6 bar	1	00616024	6.59
1/4" x 63mm	2.5 bar	1	00612003	7.18
1/4" x 63mm	4 bar	1	00612004	7.18
1/4" x 63mm	6 bar	1	00612006	7.18
1/4" x 63mm	10 bar	1	00612010	7.18
1/4" x 63mm	16 bar	1	00612016	7.18
1/4" x 63mm	25 bar	1	00612025	7.18
3/8" x 80mm	4 bar	1	00614004	14.18
3/8" x 80mm	6 bar	1	00614006	14.18
3/8" x 80mm	10 bar	1	00614010	14.18
3/8" x 80mm	16 bar	1	00614016	14.18
3/8" x 80mm	25 bar	1	00614025	14.18

Pressure Gauge with Axial Connection



Description	Size	Pcs/Pack	Code	Unit Price £
1/4" x 50mm	4 bar	1	00616020	6.59
1/4" x 50mm	10 bar	1	00612442	6.59
1/4" x 63mm	4 bar	1	00616004	7.44
1/4" x 63mm	6 bar	1	00616006	7.44
1/4" x 63mm	10 bar	1	00616010	7.44

Casing in ABS plastic. For use with 01306458 tee piece.

Combined Temperature and Pressure Gauge



Description	Pcs/Pack	Code	Unit Price £
1/4" M c/w 1/2" M Check Valve x 80mm			
Axial Connection	1	00600012	19.28
Radial Connection	1	00602012	27.35

Max: Pressure 4 bar, temperature 120°C.

Manifold Accessories (continued)

Tee with Pipe Union for Pressure Gauges



Description	Pcs/Pack	Code	Unit Price £
1/2" M-F x 1/4"	1	01306458	12.66

Designed to be fitted to a 1/2" manifold tapping, it has a pre-assembled 1/2" x 1/4" reducer to provide connection of a pressure gauge, complete with gauge sealing gasket. The 1/2" M BSP connection to manifold includes an o-ring seal and locking ring, for orientation. The 1/2" F BSP connection allows a manual 00410021 (page 90) or automatic air vent 00400004 (page 90) to be connected.

Topway Circuit Indicator Pack with 12 Red Bands



Description	Pcs/Pack	Code	Unit Price £
1" - 1 1/4"	1	01306320	10.62

With labels for identifying circuits. To lock Topway flow meter.

Topway Lockshield with Incorporated Flow Meter 0-4 l/min

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds			
0-4 l/min, 1/2" MBSP Metal Threaded	1	01306302	8.65
T2 Topway Plus Manifolds			
0-4 l/min, 1/2" MBSP Metal Threaded	1	01306810	8.65

Double regulating, allows for isolation of circuits as well as visual flow regulation. This does not include Topway lockshield/flowmeter seat. To order a lockshield/flowmeter seat refer to code 01306312 or 01306316 for T2 Topway or code 01306812 for T2 Topway Plus.

Topway Lockshield

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
1/2" MBSP Metal Threaded	1	01306300	6.12

Replacement manifold lockshield assembly. Can be used to change flowmeters to lockshields.

Topway Flow Meter Only

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
0-2.5 l/min	1	01306828	5.25
0-4 l/min	1	01306830	4.79
0-6 l/min	1	01306832	4.83

For direct replacement of dirty flowmeters or to upgrade from a lockshield kit. Offers the same functionality as a lockshield with the additional feature of a visual flow rate. Code 01306830 0-4 l/min is a direct replacement for Topway Type 2 standard supply.

Manifold Accessories (continued)

Topway Lockshield/Flow Meter Seat



Description	Connection	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306312	3.70
For 1¼" Manifolds	½" MBSP - 24 x 19	1	01306316	4.31
T2 Topway Plus Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306812	4.67

Topway Thermostatic Replacement Kit

BBA Certified



Description	Connection	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306114	7.77
For 1¼" Manifolds	½" MBSP - 24 x 19	1	01306118	8.25
T2 Topway Plus Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306816	7.68

Topway Blue Cap for Electro-thermic Valves



Description	Pcs/Pack	Code	Unit Price £
Electro-thermic Valve Cap	1	90004470	0.27

NOTE: This should only be used temporarily until the electro-thermic head is installed. For permanent capping, use code 01306112 shown below.

Topway Hand Wheel for Manual Control



Description	Pcs/Pack	Code	Unit Price £
Manual Electro-thermic Valve Head	1	01306112	1.70

For use where no electro-thermic head is to be used, but manual control is required.

Topway Red Cap for Lockshield Valves



Description	Pcs/Pack	Code	Unit Price £
Replacement Lockshield Cap	1	90023360	0.38

Manifold Accessories (continued)

Tecno-Varia Auto Air Vent

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds			
1/2" Standard	1	00400004	6.56
3/8" Reduced + bb*	1	00400000	5.85
3/8" Standard + bb*	1	00400002	6.46
T2 Topway Plus Manifolds			
1/2"	1	00400020	7.73

Combines manual and automatic venting functions.

With both manual and automatic venting, the manual cap on top allows manual venting for system commissioning.

*bubble-breaker.

Manual Bleed Valve and Manual Air Vent



Description	Pcs/Pack	Code	Unit Price £
3/8" Manual Air Vent - Vent Key	1	00410019	1.14
1/2" Manual Air Vent - Vent Key	1	00410021	1.14
1/4" Manual Air Vent - Screw Cap	1	00410007	1.14
3/8" Manual Air Vent - Screw Cap	1	00410011	1.52
1/2" Manual Air Vent - Screw Cap	1	00410012	1.99

Drain/Fill Valve, Nickel-plated

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds			
1/2"	1	90011790	10.27
T2 Topway Plus Manifolds			
1/2"	1	01306824	12.79

1/2" M connection with 3/4" hose connection.

Allows easy pipe connection with 360° orientation.

Temperature Gauge Ø 40



Description	Pcs/Pack	Code	Unit Price £
0-80 °C	1	90006860	6.43

For installation into a 1/2" manifold tapping, use 1/2" temperature gauge pocket, code 90026530 and o-ring pocket seal code 90047400.

Pipe Accessories

Monoblocco Connector for Plastic PB Polybutylene Pipe

WRAS Approved & BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
10	24 x 19	1	28100318	3.27
15	24 x 19	1	28100330	2.75

Please ensure you use the plastic pipe insert provided for by the manufacturer of the pipe you are using.

Pipe Accessories (continued)

Monoblocco Connector for Copper Pipe

WRAS Approved & BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
10	24 x 19	1	01321410	1.66
15	24 x 19	1	01321415	1.56

Monoblocco Connector for Multilayer Composite Pipe

WRAS Approved & BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
12 x 1.6	24 x 19	1	28100355	4.55
14 x 2	24 x 19	1	28100356	3.13
16 x 2	24 x 19	1	28100358	2.98
16 x 2.25	24 x 19	1	28100360	3.13
18 x 2	24 x 19	1	28100364	3.08
20 x 2	24 x 19	1	28100366	3.03
26 x 3	32 x 1.5	1	28100368	7.37

Note: Manifolds with 24 x 19 takeoff connections can be adapted for use with 32 x 1.5 Monobloccos by using the following fitting:
24 x 19F - 32 x 1.5M, code 01306252. See page 82.

Monoblocco Connector for PE-X, Pure PE-RT and PP

BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
12 x 1	24 x 19	1	28110100	3.19
12 x 2	24 x 19	1	28110106	3.26
15 x 1.7	24 x 19	1	28100326	4.31
16 x 1.5	24 x 19	1	28100332	4.15
16 x 1.8	24 x 19	1	6239R916	3.48
16 x 2	24 x 19	1	28110118	3.14
16 x 2.2	24 x 19	1	28100336	4.15
17 x 2	24 x 19	1	28110122	3.10
20 x 2	24 x 19	1	28110346	3.26
25 x 2.3	24 x 19	1	28100382*	7.69

Not suitable for use with MLCP see correct connector above.

Note: Manifolds with 24 x 19 takeoff connections can be adapted for use with 32 x 1.5 Monobloccos by using the following fitting:

24 x 19F - 32 x 1.5M, code 01306252. See page 82.

*Available while stocks last.

MLCP to Copper Connectors

WRAS Approved



Description	Pcs/Pack	Code	Unit Price £
16 x 2 - 15mm	2	28110230	4.78
20 x 2 - 22mm	2	28110232	6.28
26 x 3 - 28mm	2	6109R026	9.81

A Monoblocco fitting developed to allow MLCP to be connected to standard copper compression fittings. For example, 16mm MLCP can be connected to a 15mm lever valve by using code 28110230.

Pipe Decoiler



Description	Pcs/Pack	Code	Unit Price £
Low Roll Decoiler	1	U9281810	381.80
Low Roll Decoiler with Telescopic Arms	1	U9281820	403.90
High Roll Decoiler	1	U9281830	381.80

These pipe decoilers allow pipe rolls to be uncoiled consistently and easily to aid installation.

Pipe Accessories (continued)

Pipe Cutting Tools



Description	Pcs/Pack	Code	Unit Price £
14mm - 32mm Shears	1	28100942	68.38
14mm - 32mm Rotary Slice	1	28100944	53.19
16mm - 75mm Rotary Slice	1	28024081	188.50

A selection of pipe cutting tools for cutting Gerpex MLCP.

Pipe Calibration Tool



Description	Pcs/Pack	Code	Unit Price £
16mm	1	U9280001	49.84
20mm	1	U9280002	51.26
26mm	1	U9280003	53.71
32mm	1	U9280004	58.98
40mm	1	U9280005	61.88
50mm	1	U9280006	94.05
63mm	1	U9280007	113.10
75mm	1	28100885	203.10
16-20-26mm	1	U9280008	93.37
Case for Calibrators*	1	U9250095	47.04
Case for Jaws**	1	U9210100	93.37

Used to prepare MLCP prior to insertion into a fitting. Ensures that the pipe is round, free from burrs and will not damage the press fitting o-rings.

*Calibrators not included - **Jaws not included.

Leakage Test Plug for Multilayer Pipe - 1/2" Female Fitting



Description	Pcs/Pack	Code	Unit Price £
16 x 2	1	28101846	16.74
20 x 2	1	28101848	17.10

Complete with 1/2" Female fitting for air release valve (provided standard) or pressure gauge (optional).

Internal Bending Tool



Description	Pcs/Pack	Code	Unit Price £
16mm - 500mm	1	28100616	14.52
20mm - 500mm	1	28100620	16.69
26mm - 1000mm	1	28100626	33.93

Used to form bends in MLCP without kinking.

External Bending Tool



Description	Pcs/Pack	Code	Unit Price £
16mm - 500mm	1	28100716	21.18
20mm - 500mm	1	28100720	28.09

Used to form bends in MLCP without kinking.

Pipe Accessories (continued)

Hydraulic Bending Machine



Description	Pcs/Pack	Code	Unit Price £
26mm - 32mm	1	28100920	1046.00

Used to hydraulically form bends in 26 and 32mm MLCP.

System Accessories

Sicura Pressure Relief Valves



Description	Pressure	Pcs/Pack	Code	Unit Price £
1/2" F-F	3 bar	1	00205030	4.80
1/2" M-F	3 bar	1	00206030	4.85
1/2" F-F	6 bar	1	00205060	4.80
1/2" M-F	6 bar	1	00206060	4.80
3/4" F-F	3 bar	1	00202334	14.70
3/4" F-F	6 bar	1	00202634	14.70

Sicura Pressure Relief Valves with Special Pressure Settings



Description	Pressure	Pcs/Pack	Code	Unit Price £
1/2" F-F	1.5 bar	1	00205015	4.62
1/2" F-F	1.8 bar	1	00205018	4.72
1/2" F-F	2 bar	1	00205020	4.80
1/2" M-F	2 bar	1	00206020	4.80
1/2" F-F	2.5 bar	1	00205025	4.80
1/2" F-F	4 bar	1	00205035	4.90
1/2" M-F	4 bar	1	00206040	4.94

Sicura Pressure Relief Valves with Gauge Fitting 1/4"



Description	Pressure	Pcs/Pack	Code	Unit Price £
1/2" F-F	3 bar	1	00206080	5.20
1/2" F-F	6 bar	1	00206082	5.20
1/2" M-F	3 bar	1	00206090	5.38
1/2" M-F	6 bar	1	00206092	5.38

Sicura Pressure Relief Valves with Pressure Gauge



Description	Pressure	Pcs/Pack	Code	Unit Price £
1/2" F-F	3 bar	1	00206100	11.08

With gauge point 1/4" and 50mm pressure gauge 0-4 bar.

System Accessories (continued)

Varia Reduced with Dual Venting Facility



Description	Pcs/Pack	Code	Unit Price £
3/8" + bb*	1	00400620	6.93

*bubble-breaker.

Varia Standard with Automatic Bleed Valve On Top



Description	Pcs/Pack	Code	Unit Price £
1/2"	1	00400660	7.54

Varia Maxi with Automatic Bleed Valve On Top



Description	Pcs/Pack	Code	Unit Price £
3/4"	1	00400340	10.52

Service Check Valve for Tecno-Varia and Varia



Description	Pcs/Pack	Code	Unit Price £
3/8" M x a" F	1	00402060	1.70
1/2" M x a" F	1	00402080	2.02
1/2" M x 1/2" F	1	00402100	2.22

Key for Operating Bleed Valves



Description	Pcs/Pack	Code	Unit Price £
Manual Bleed Key	1	00408230	0.19

In-line Deaerators



Description	Pcs/Pack	Code	Unit Price £
1/2"	1	00406000	121.20
3/4"	1	00406010	132.30
1"	1	00406020	147.90
1 1/4"	1	00406030	165.10
1 1/2"	1	00406040	192.40
2"	1	00406050	216.70

In-line deaerators, designed to help eliminate micro-bubbles from heating and cooling systems. Features include 3 stage filter, removable cartridge, bi-directional flow and automatic venting. Pressure rating 10 bar, max temperature 110°C.

System Accessories (continued)

Y-type Strainer Female Brass, Sandblasted, 40 Mesh Stainless Steel, FBSP Thread



Description	Pcs/Pack	Code	Unit Price £
1/2"	1	01005012	7.49
3/4"	1	01005034	12.33
1"	1	01005100	20.23
1 1/4"	1	01005114	26.97
1 1/2"	1	01005112	33.76
2"	1	01005200	55.93
2 1/2"	1	01005205	132.70

In-line deaerators, designed to help eliminate micro-bubbles from heating and cooling systems. Features include 3 stage filter, removable cartridge, bi-directional flow and automatic venting. Pressure rating 10 bar, max temperature 110°C.

Capillary Thermometer



Description	Pcs/Pack	Code	Unit Price £
52mm	1	00622056	11.60

1m capillary, with 25mm bulb, of 6.5mm dia. Temperature 0-120°C.

Capillary Combined Temperature and Pressure Gauge



Description	Pcs/Pack	Code	Unit Price £
52mm	1	00622052	21.81

Pressure 0-4 bar, temperature 0-120°C.

Pressure outlet connection M14 x 1" M, see below for fitting, 1 metre capillary with 19mm bulb x 6.5mm dia.

Connector for Capillary Pressure Reading



Description	Pcs/Pack	Code	Unit Price £
M14 x 1" M	1	00600010	3.44

For use with combined temperature and pressure gauge. Includes single check valve.

Temperature Gauge Pocket



Description	Pcs/Pack	Code	Unit Price £
Ø 7 L 50mm	1	00510682	6.02
Ø 9 L 50mm	1	00510012	3.44
Ø 10 L 50mm	1	00510684	6.30
Ø 10 L 100mm	1	00510686	8.64
Ø 15 L 110mm	1	00510688	7.62

Connection 1/2" M BSP.



UNDERFLOOR

Heating Components

Underfloor heating provides an efficient and uniform heat that ensures a comfortable living environment. To facilitate this EMMETI manufacture a range of underfloor system components to the highest quality standards.

The EMMETI range of components ensure that any system requirements can be met and where necessary bespoke OEM solutions can be developed.

UNDERFLOOR

Heating Components

In addition to pipework, a key component is the UFH manifold and the associated controls. At EMMETI we offer an extensive range of high quality manifolds, controls, thermostats, pipes and accessories.



Design and Development

Innovative and market specific products developed to suit a wide range of applications.



UFH Components

Full range of components to suit all UFH system types, manufactured in-house. Many are BIM ready with models available in Revit format.



Quality

High quality products manufactured in Italy for over 30 years complying with all local standards and to strict quality plans. ISO 9001 and 14001 certified.



OEM

Original Equipment Manufacture product proposals to suit bespoke customer requirements.



Technical Support

UK based technical support with direct link to the manufacturing plants ensure rapid, relevant and accurate technical support. Full technical documentation specific to the UK available online at www.emmeti.co.uk

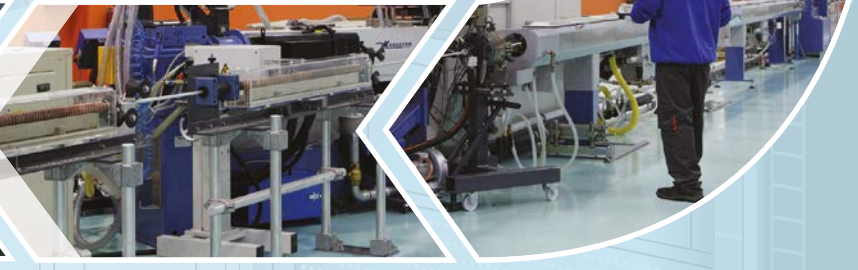
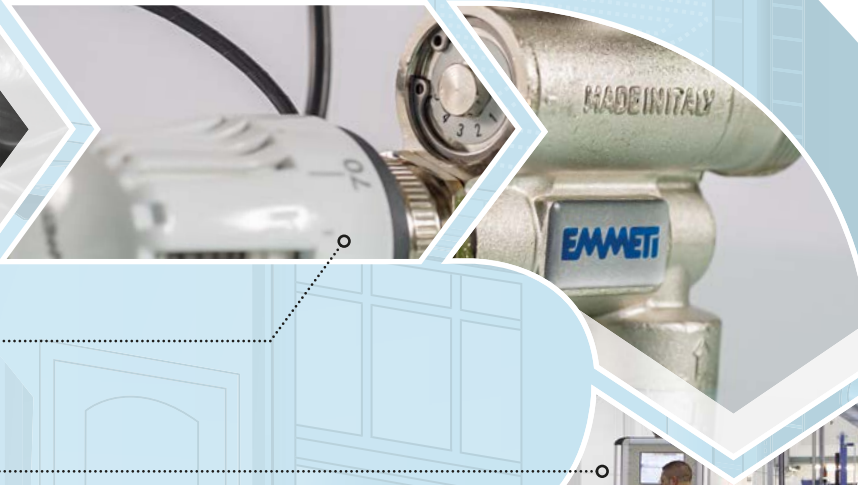


Customer Service

UK based customer service team and efficient supply chain processes, ensure that service levels exceed customers expectations.



Established In 2004, EMMETI UK are this year celebrating 15 years of service.



LOWtex

NEW Product

Suitable for multiple build types, while achieving the appearance, functionality and performance of a solid floor.



Multi-directional panel to suit any design



Suitable for retro-fit and new builds



Can be used with 12mm pipe



15mm system make up



Light and easy to install



Specific Features:

- Greater outputs can be achieved over similar dry install systems such as EPS, foil or plates and cement boards
- Easy single person installation
- Lower levels of waste, reduced costs and less effort upon disposal
- Secure pipe holder for standard compliant installation and uniform temperature distribution, at the same time simple repositioning is possible
- Resistant to impact
- Becomes integral part of the floor structure once latex screed has been applied

Product Details:

Description	15mm LOWtex panel 1050 x 650mm (0.6m ²) with adhesive
Product code	U9282700
Pipe diameter in mm	12mm
Usable area per board	0.6m ²
Immediate spacing distance	50mm
Diagonal spacing distance	43mm / 70mm
Dimensions	1050 x 650mm
Colour	Black / Anthracite
Pack size	9.6m ²
System height	15 - 18mm
Press button feature	Yes

UNDERFLOOR

Manifolds

Underfloor heating is becoming the system of choice in the UK because of its ability to provide efficient and uniform heat.

The radiant heat provided at floor level creates a large heated surface that dissipates heat evenly into the living space whereas a radiator will produce convection currents that rise to the highest part of the room, meaning that the majority of the heat is lost at ceiling height. This makes underfloor heating more efficient for two main reasons:

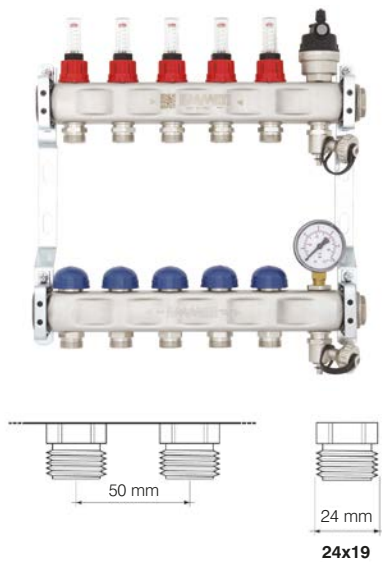
- The heat emitted is used more effectively, resulting in less wasted heat
- The heat required to enable this is generally delivered between 35-55°C compared with 65-75°C for radiators which means that the heat source will operate for a shorter amount of time and therefore use less energy.

These energy savings combined with silent running and increased flexibility for room layouts gives a solution that will add real value to a property.

At EMMETI we offer an extensive range of high quality manifolds and controls plus the thermostats, pipes, and accessories required to form a full system solution.

UFH Manifolds

Type 2 Topway Plus Stainless Steel FM Pre-assembled Heating Manifold



Description	Ways	Pcs/Pack	Code	Unit Price £
1"	2	1	01282260	146.00
1"	3	1	01282262	168.70
1"	4	1	01282264	192.20
1"	5	1	01282266	216.20
1"	6	1	01282268	239.90
1"	7	1	01282270	264.10
1"	8	1	01282272	288.20
1"	9	1	01282274	312.10
1"	10	1	01282276	335.60
1"	11	1	01282278	360.50
1"	12	1	01282280	384.00

Flow rail has a double regulating red sleeved 0 - 4 l/min flow meter per circuit that allows individual circuit flow regulation and isolation with visual flow indication. Return rail has a blue capped integrated electro-thermic body to accommodate an electro-thermic actuator per circuit.

Pre-assembled manifold includes 2 x drain off/fill valves, automatic air vents, 6 bar pressure gauge and 2 x blanking plugs. Pre-mounted onto a double offset bracket at 210mm centres.

For pipe, EMMETI Monoblocco connectors and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 134.

UFH Manifolds (continued)

FMU3 Floor Mixing Unit with Low Temperature Manifold including Flowmeters



Description	Pcs/Pack	Code	Unit Price £
1" 2-way	1	28132460	591.80
1" 3-way	1	28132462	615.70
1" 4-way	1	28132464	639.30
1" 5-way	1	28132466	666.40
1" 6-way	1	28132468	687.80
1" 7-way	1	28132470	711.20
1" 8-way	1	28132472	736.50
1" 9-way	1	28132474	760.20
1" 10-way	1	28132476	784.20
1" 11-way	1	28132478	807.00
1" 12-way	1	28132480	831.80

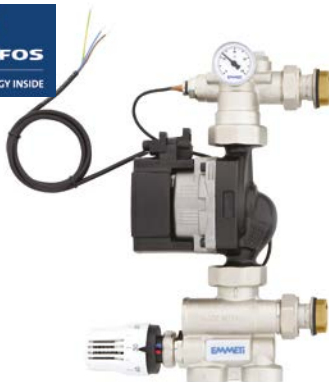
Designed for underfloor heating the FMU-3 Floor Mixing Unit is a pre-assembled control group and stainless-steel manifold assembly between 2 and 12-way. Incorporating the TM3-R control group that uses an integrated mixing valve with a remote sensing actuator, with an operating range of between 20° and 65°C. The FMU-3 includes a high efficiency Grundfos UPM3 Auto 7m pump.

The flow rail has a double regulating red sleeved 0 - 4 l/min flow meter per circuit that allows individual circuit flow regulation and isolation with visual flow indication. Return rail has a blue capped integrated electro-thermic body to accommodate an electro-thermic actuator per circuit. The Grundfos UPM3 Auto 7m pump is ErP 2015 compliant, with 3 control modes and a double de-blocking system.

For pipe, EMMETI Monoblocco connectors and ball valves please refer to System Components and Spares section. These must be ordered separately.

For further information, please refer to the diagram on page 135.

TM3-R Thermostatic Mixer Control Group with Grundfos UPM3 Auto Pump



Description	Pcs/Pack	Code	Unit Price £
TM3-R Control Group, Thermostatic Mixing Valve	1	28132260	483.20

The TM3-R is designed for underfloor heating. The control group incorporates a Grundfos UPM3 Auto 7m pump and a mixing valve with remote probe actuation to give a temperature range of between 20-65°C, making it suitable for screed drying purposes. It includes a throttle to increase Kv for larger systems. Compatible with our Type 2 Topway Plus manifold 210mm centres. Includes 1" M manifold connections with o-ring seals and 1" M connections for primary flow and return.

Includes a temperature gauge measuring the mixed flow temperature, manual air vent and bracket to support the weight of the pump.

The Grundfos UPM3 Auto 7m pump is ErP 2015 compliant, with 3 control modes and a double de-blocking system.

Mixing Valve Kvs 3 - 4.8, 10kw - 18kw.

For further information, please refer to the diagram on page 136.

M3V-HE Control Group with Class A Circulating Pump, Mixing Valve and Auto Bypass



Description	Pcs/Pack	Code	Unit Price £
1"	1	28158300	615.20
1 1/4"	1	28158310	621.90

The M3V-HE is a mixing valve assembly with integrated Class A circulating pump, mixing valve body, drain/fill valves, automatic air vent and automatic bypass.

For use with Topway Type 2 Plus Manifolds at 200 or 210mm centres with thermostatic or electronic mixing capabilities.

UNDERFLOOR

Zone Controls

At EMMETI we offer a wide range of zone controls in order to build a comfortable indoor environment. These controls enable full electrical control of the heating system when used with our Type 2 or Type 3 manifolds.

The EMMETI zone control range includes a selection of thermostats to control temperature such as the ZONA™ smart thermostats, programmable thermostats and simple dial operated types. Many of these also have remote sensor options enabling them to be used safely to control bathrooms.

This zonal approach allows the home owner or building occupier to tailor their heat to suit their lifestyles. The use of a thermostat per room/zone makes it much easier to create ideal comfort levels and prevents the unnecessary heating of unoccupied rooms improving the energy efficiency of the building.

Zone Controls

EWC-1 Hard Wired Wiring Centres with On/Off Switch



Description	Pcs/Pack	Code	Unit Price £
230V 8-way Wiring Centre with On/Off Switch	1	U9360010	170.10
24V 8-way Wiring Centre with On/Off Switch	1	U9360020	232.80

The EWC-1 wiring centre allows central connection of all system electrical components (230 or 24V) including:

- Up to 8 room thermostats
- Manifold circulating pump
- Central timeswitch
- Electro-thermic actuators (up to 5 per channel)
- Boiler signal

LED indication for each circuit, pump and boiler. On/off switch for safe isolation. Earth continuity terminals included. 24V version includes a 50VA transformer with the capacity to connect up to 15 x 3W actuators. For wiring and mounting details please see our website www.emmeti.co.uk

EWC-2 Hard Wired Wiring Centres



Description	Pcs/Pack	Code	Unit Price £
230V 8-way Wiring Centre	1	U9370001	130.00
230V 12-way Wiring Centre	1	U9370002	206.00

The EWC-2 wiring centre is a more commercially priced option available in 8 or 12-way. Allows central connection of all system electrical components (230V only) including:

- Up to 8 or 12 room thermostats
- Manifold circulating pump
- Central timeswitch
- Electro-thermic actuators (up to 5 per channel)
- Boiler signal

LED indication for pump/boiler combined. Earth continuity terminals included. For wiring and mounting details please see our website www.emmeti.co.uk

Zone Controls (continued)

EWC-4 Hard Wired Wiring Centres



Description	Pcs/Pack	Code	Unit Price £
230V 4-way Wiring Centre	1	U9380001	88.12

The EWC-4 is a compact, 4-way wiring centre designed for small underfloor and wall hung radiator systems. Allows central connection of all system components and includes:

- Connection for up to 4 room thermostats
- Central timeswitch terminals
- Manifold circulating pump terminals
- Boiler volt free terminals
- Electro-thermic actuator connection (up to 3 per channel)
- LED indication for boiler/pump operation.

NEW

ZONA™ - Smart Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



zona™

Description	Pcs/Pack	Code	Unit Price £
ZONA™ Smart Thermostat - White	1	U9330000	100.00
ZONA™ Smart Thermostat - Black	1	U9330001	100.00

A 230V wired thermostat with wifi functionality for use in all heating system types. Controlled via the ZONA™ APP or via the thermostat interface, the ZONA™ smart thermostat allows remote control and monitoring of the heating system.

Featuring GEO-location and optimum start for increased efficiency of the heating system the ZONA™ range is fully Boiler Plus compliant and smart home enabled integrating simply with Amazon Alexa and Google Assistant.

**For more information on our
NEW ZONA™ Smart Thermostat,
please see page 2.**



amazon echo

CS-17 Touch - Touchscreen Programmable Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V Touchscreen Programmable Thermostat	1	U9320001	77.58

A touchscreen programmable thermostat for underfloor and wall hung radiator systems. Features include touch screen operation, remote sensing for air and floor use, temperature limiting function, frost protection and optimum start.

CS-11 LCD Digital Timeswitch



Description	Pcs/Pack	Code	Unit Price £
230V Timeswitch	1	U9310070	62.74
24V Timeswitch	1	U9310170	62.74

Electronic digital single channel timeswitch enables the time control of underfloor or wall hung radiator circuits. Programming allows 6 on/off events per day as 7 day, 5 + 2, 6 + 1 and 24 hour programmes. Designed to be fitted to a 35mm single gang back box. 230V or 24V versions available.

For installation requirements and wiring connections, please see our website www.emmeti.co.uk

Zone Controls (continued)

TSTS -17 Touchscreen Timeswitches



Description	Pcs/Pack	Code	Unit Price £
230V Touchscreen Timeswitch (2-channel)	1	U9310072	118.20
230V Touchscreen Timeswitch (3-channel)	1	U9310073	128.80

2 and 3-channel touchscreen programmable timeswitches for use in multi-system applications. On/off switching for 2 or 3-channels respectively.
2-channel version has the option to switch CH1 & CH2 or DHW & Heating.
3-channel version has the option to switch CH1, CH2 & CH3 or Heating 1, Heating 2 & DHW.

Termec Electromechanical Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V / 24V 3 Contact	1	02001012	19.41
230V 3 Contact with LED	1	02001014	20.94
230V 3 Contact with LED & ind. Switch*	1	02001016	26.09
230V 3 Contact with LED & On/Off Switch	1	02001018	25.24
230V 2 Contact with LED & Heating/Cooling/Off Switch	1	02001020	26.36

Features include: LED calling for heat light, temperature range 5°C to 30°C, temperature differential 1.4°C, on/off and heating/cooling switch options.

*02001016 has an on/off switch which can be wired independently of the thermostat contacts.

Electromechanical Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V / 24V 3 Contact	1	U9132105	22.41
230V 3 Contact with LED	1	U9132115	23.73
230V 3 Contact with LED & On/Off Switch	1	U9132120	30.87
230V 3 Contact with LED & Heating/Cooling Switch	1	U9132135	32.19

Features include: LED calling for heat light, on/off and heating/cooling switch options. The U9132105 model may also be used for 24V applications.

Electronic Dial Operated Room Thermostat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
230V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132026	44.12
24V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132027	44.12

Electronic dial operated thermostat with changeover contacts available in 230V and 24V versions. LED provides call for heat indicator. U9132026 and U9132027 include variable night setback operation from 2°C to 7°C (default 4.5°C) when used with a suitable timeswitch. Available with remote sensor options on page 107.

Zone Controls (continued)

Tamperproof Room Thermostat

Single Zone



Multi Zone



Description	Pcs/Pack	Code	Unit Price £
230V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132076	42.52
24V 3 Contact with LED and Night Setback (NSB) Operation	1	U9132085	42.52

Electronic thermostat with concealed dial adjustment available in 230V and 24V versions. Both models include variable night setback (NSB) operation from 2°C to 7°C (default 4.5°C) when used with a suitable timeswitch.

Remote Sensors, Concealed and Wall-mounted Types

U9132011 /
U9250060 /
U9310057



U9132012 /
U9132023

Description	Pcs/Pack	Code	Unit Price £
Remote Sensor NTC 4.7K without Casing, 1.5m Length	1	U9132011	13.43
Remote Sensor NTC 4.7K without Casing, 3m Length	1	U9250060	22.88
Remote Sensor NTC 4.7K with Casing, No Lead	1	U9132012	11.19
Remote Sensor 10K with Casing, No Lead	1	U9132023	11.19
Remote Sensor NTC 10K without Casing, 3m Length	1	U9130057	5.30

Please see below compatibility table for use with EMMETI thermostats.

Description	Code	Suitable for	Code
Remote NTC 4.7K Sensor with Casing, No Lead Remote NTC 4.7K Sensor without Casing, 1.5m Lead Remote NTC 4.7K Sensor without Casing, 3m Length	U9132012 U9132011 U9250060	Electronic Dial Room Thermostat 24V with LED Electronic Dial Room Thermostat 230V with LED Tamperproof Room Thermostat 230V Tamperproof Room Thermostat 24V	U9132013/U9132027 U9132016/U9132026 U9132075/U9132076 U9132085
Remote NTC 10K Sensor with Casing, No Lead Remote NTC 10K Sensor without Casing, 3m Length	U9132023 U9130057	CS-11, TST-11 and CS-17 Thermostat Range	U9310090/U9310190 U9310047/U9310140 U9310010/U9310110 U9320001

Sensor Pocket



Description	Pcs/Pack	Code	Unit Price £
Brass Sensor Pocket 6mm dia x 33mm	1	U9132310	11.19

Brass sensor pocket with a 1/2" BSPM thread. For remote sensors U9132011 and U9250060.

Over Temperature Protection



Description	Pcs/Pack	Code	Unit Price £
Over Temp. Thermostat Low 20-40°C	1	U9132330	51.10
Over Temp. Thermostat High 40-70°C	1	U9132340	51.10

An over temperature protection device available in two versions - high temperature for direct manifold protection and low temperature for overall floor protection. Designed to be connected in series to the circulating pump, zone valve or heat source to "lock out" in the event of an over temperature situation. Internal dial to set the temperature limit and manually resettable lock out button.

Zone Controls (continued)

Control T - Electro-thermic Head



Description	Pcs/Pack	Code	Unit Price £
Normally Closed			
230V NC	1	01213242	19.46
24V NC	1	01213202	19.76
Normally Open			
230V NO	1	01213280	20.06
24V NO	1	01213260	20.36

Note: The electro-thermic heads can be used in conjunction with: Topway Type 2, FCU-HE and FMU3 Floor Mixing Unit. Supplied with 1m cable, 2 wires.

Control T - Electro-thermic Head Normally Closed with End Switch (4 A 230 V)



Description	Pcs/Pack	Code	Unit Price £
230V with Micro Switch NC	1	01213252	23.67
24V with Micro Switch NC	1	01213212	23.98

Note: The electro-thermic heads can be used in conjunction with: Topway Type 2, FCU-HE and FMU3 Floor Mixing Unit. Supplied with 1m cable, 4 wires. The two additional cores are connected to an auxiliary switch, which allows an external load to be energised on operation of the head.

Adaptor for Control T Electro-thermic Heads



Description	Pcs/Pack	Code	Unit Price £
Spacing Disc 9mm Dia. x 1mm Thick	12	90039364	2.46

To be fitted to electro-thermic heads in order to give additional travel when fitted to non-EMMETI manifolds.

Zone Controls Wireless

N MC8 W 8-channel Wiring Centre



Description	Pcs/Pack	Code	Unit Price £
8-channel Wiring Centre	1	02018120	271.30

230V wiring centre with eight independent channels (and auxiliary pump supply relay) which can be assigned to two different wireless thermostat controls (e.g. the N CTA W, N ETA W or N TA W above) for the activation of electro-thermic actuators when used with the N AR W receiving antenna on page 109. The centre also has the facility for night setback (NSB) operation with a N TA W thermostat. For installation, wiring and commissioning please see our website www.emmeti.co.uk

Zone Controls Wireless (continued)

N R1 W 1-channel Wiring Centre and Receiver



Description	Pcs/Pack	Code	Unit Price £
Wireless Single Channel Receiver	1	U9132165	97.60

A 230V combined single channel wiring centre and receiving antenna. Designed to switch electro-thermic heads or circulators up to a maximum rating of 6A. Suitable for a single channel application using any one of our range of wireless thermostats, N TA W, N ETA W or N CTA W.

N CTA W Programmable Thermostat

Single Zone

1
ErP Class
+ 1%

Multi Zone

8
ErP Class
+ 5%


Description	Pcs/Pack	Code	Unit Price £
Wireless Programmable Thermostat	1	02018110	117.80

Battery powered wireless electronic programmable thermostat with push-button programming, and large backlit LCD screen with programme and temperature/optional current time display. The unit can be programmed to give either 24hour/7 day operation with up to four programme periods a day. The front flap gives access to battery compartment and two dial operated temperature settings for day/night operation. Other features include anti-frost function, combined air and floor sensor function and holiday mode.

N TA W Thermostat

Single Zone

1
ErP Class
+ 1%

Multi Zone

8
ErP Class
+ 5%


Description	Pcs/Pack	Code	Unit Price £
Wireless Dial Thermostat	1	02018112	66.41

Battery powered wireless dial operated electronic thermostat, that can be operated to control heating or cooling with a simple internal change. The remotely located thermostat will signal the N AR W receivers connected to the U9132165 Wiring Centre and 02018120 Wiring Centre. Night set back (NSB) facility is available via the wiring centre.

N ETA W Digital Wireless Thermostat

Single Zone

1
ErP Class
+ 1%

Multi Zone

8
ErP Class
+ 5%


Description	Pcs/Pack	Code	Unit Price £
Wireless Digital Thermostat	1	U9132155	93.93

Wireless battery operated digital thermostat with blue back-lit LCD display. This unit can operate to control both heating and cooling and has temperature range limitation. The remotely located thermostat will signal the N AR W receivers connected to the U9132165 Wiring Centre and 02018120 Wiring Centre. Night set back (NSB) facility is available via the wiring centre. Available with remote sensor options on page 107.

N AR W Receiving Antenna



Description	Pcs/Pack	Code	Unit Price £
Wireless Receiver	1	U9132175	146.50

Wireless receiving antenna. Receives signalling from N TA W, N ETA W and N CTA W thermostats remotely located. Complete with 5m of cable for connecting to N MC2 W or N MC8 W wiring centres. One antenna can be used with up to ten wiring centres interconnected by the cables supplied with the wiring centre. They can also be used as repeaters to solve problems of difficult wireless transmission in large buildings. The power supply unit in this section should be used with the antenna when installed as a repeater.

Zone Controls Weather Compensating

RCE Weather Compensating Kit for Heating and Cooling



Description	Pcs/Pack	Code	Unit Price £
RCE Weather Compensator	1	28139070	357.50

The RCE is an electronic temperature controller that has three modes of operation; Weather Compensation, Fixed Point, and Modulating. It can be used for low temperature underfloor heating and cooling and high temperature radiator heating. Includes electronic control unit, remote mounting box, 2 sensors, probe holders and extension connector. The RCE can control 230V or 24V 0-10V mixing actuators.

Humidistat

Single Zone

1
ErP Class
+1%

Multi Zone

8
ErP Class
+5%



Description	Pcs/Pack	Code	Unit Price £
Programmable Thermo/Humidistat	1	02018090	307.90

Programmable heating and cooling thermostat with summer/winter changeover switch and built in humidity sensor. Designed for use with combined heating and cooling systems such as the RCE controller. Can be used to activate a dehumidifier. Battery powered with a large LCD display.

Pocket for Water Sensor



Description	Pcs/Pack	Code	Unit Price £
¼" M	1	28153220	48.82

For use where a surface mounting probe is not suitable for sensing water temperature.

Housing for External Temperature Sensor



Description	Pcs/Pack	Code	Unit Price £
External Housing Sensor	1	28139076	20.52

Dew Sensor



Description	Pcs/Pack	Code	Unit Price £
Dew Sensor	1	28139072	97.92

For use in cooling systems.

Zone Controls Weather Compensating (continued)

Converter for Dew Sensor



Description	Pcs/Pack	Code	Unit Price £
Converter Unit	1	28139074	110.50

For use when installed as part of a large multi-dwelling cooling system. The converter will relay a condensation alarm to the centralised mixing station and RCE.

Transformer 230/24V 10 VA



Description	Pcs/Pack	Code	Unit Price £
230V/24V Transformer	1	28139130	35.60

Please note 10 VA capacity when using with EWC-4, consideration for loading requirements of actuators is needed.

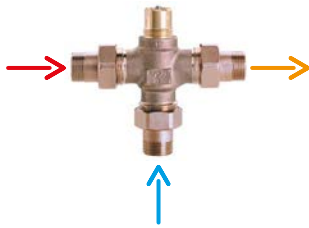
3-point Actuator for TM3-R, M3V Control Groups, FMU3 Floor Mixing Unit, FCU Floor Control Unit and Firstbox



Description	Pcs/Pack	Code	Unit Price £
230V	1	28157210	200.10
24V 0-10V	1	28157220	269.00

Electronic actuator for use with weather compensating kit 28139070.

3-way Mixing Valve for Weather Compensating Kit



Description	Pipe Union	Pcs/Pack	Code	Unit Price £
Kvs (m ³ /h)	Connection			
DN10 - 1.6	G a" M	1	28130210	155.30
DN20 - 4	G 1/2" F	1	28130214	189.30
DN25 - 6.3	G 3/4" F	1	28130216	315.80
DN25 - 10	G 1" F	1	28130218	355.30
DN32 - 16	G 1 1/4" F	1	28130220	471.00
DN40 - 25	G 1 1/2" F	1	28130222	559.90

PN 16 class, body in bronze, spindle in steel and o-rings in EPDM. Complete with unions. These valves are intended for use with weather compensating kit 28139070 and actuators 28130206, 28130208 and 28130209 on pages 110-112.

Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130206	253.20

24V, 0 - 10V. 200N Force.
Suitable for above mixing valve a", 1/2" and 3/4" only.

Zone Controls Weather Compensating (continued)

3-point Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130208	275.60

230V, 300N Force. Suitable for the 3-way Mixing Valve 1", 1¼" and 1½" shown on page 111.

Actuator for 3-way Mixing Valve



Description	Pcs/Pack	Code	Unit Price £
Electronic Actuator	1	28130209	449.40

24V, 0 - 10V. 300N Force.
Suitable for the 3-way Mixing Valve 1", 1¼" and 1½" shown on page 111.

Contact Thermostat



Description	Pcs/Pack	Code	Unit Price £
0-60°C	1	02012038	16.27
30-90°C	1	02012040	16.27

Connect by wrapping the steel spring wire (provided) around the external surface of pipe. Designed for use with weather compensating kit 28139070 where overheat protection is required.

Thermometer Pocket, Connection Male ½"



Description	Pcs/Pack	Code	Unit Price £
Ø 7 L 50mm	1	00510682	6.02

Electronic actuator for use with weather compensating kit 28139070.

UNDERFLOOR Heating Pipe

EMMETI offer a variety of pipe to suit various types of installations. From the WRAS approved Alpert for use with both sanitary and underfloor heating systems to the PE-Xa barrier pipe and PE-RT pipe which can be used in both underfloor heating and radiator systems, all of which are available in various pipe and coil sizes to suit all installation requirements.



Pipe

The Gerpex MLCP range of pipe (see page 14) can be used with manifold based Underfloor Heating Systems in addition to the pipes shown below.

Alpert MLCP Barrier Pipe for Underfloor Heating Only

BBA Certified



Description	Coils	Code	Price £/m
16 x 2	100m	28107002	1.58
16 x 2 (random numbering*)	100m	28107055	1.56
16 x 2	200m	28107000	1.58
16 x 2	500m	28107004	1.58
20 x 2	100m	28107016	2.08
20 x 2	240m	28107018	2.08

Multilayer Composite pipe. Made from a 5 layer composite material, using PE-RT as the inner and outer layers coupled with a 0.2mm butt welded aluminium core. Maximum operating pressure 10 bar; maximum operating temperature 70°C.

*Pipe with random metre numbering, subject to availability.

PE-Xa Barrier Pipe



Description	Coils	Code	Price £/m
12 x 2	240m	U9530030	1.29
16 x 2*	240m	U9530042	1.51
16 x 2*	500m	U9530043	1.51
17 x 2*	600m	28130676	1.89
20 x 2*	500m	28130684	2.25

A 3 layer barrier pipe using a PE-Xa inner and an EVOH outer layer conforming to EN ISO 15875 and DIN 4726. Maximum operating pressure 8 bar; maximum operating temperature 95°C.

*Available while stocks last.

Pipe (continued)

PE-RT Barrier Pipe



Description	Coils	Code	Price £/m
16 x 1.8 (3 Layer)*	100m	U9530063	1.16
16 x 1.8 (3 Layer)*	240m	U9530064	1.16
16 x 2 (5 Layer)*	100m	U9530066	1.16
16 x 2 (5 Layer)*	240m	U9530067	1.16
16 x 2 (5 Layer)*	500m	U9530068	1.16
20 x 2 (5 Layer)*	500m	U9530078	1.89

Barrier pipe constructed of polyethylene of raised temperature (PE-RT) inner and an EVOH outer layer. For heating applications only. Maximum operating temperature 95°C at 8 bar.

*Available while stocks last.

Pipe Conduit



Description	Coils	Code	Price £/m
25.2 x 20 ID Black**	25m	U9510111	1.46
25 x 20 ID Red	50m	U9510030	1.07
25 x 20 ID Blue	50m	U9510040	1.07
28 x 23 ID Red	50m	U9510050	2.03

A range of flexible conduit with an internal diameter of between 19mm and 23mm. To protect and sleeve the pipe through areas where heat is not required. Pipe marked ** is slit for ease of installation.

Pipe Accessories

Pipe Decoiler



Description	Pcs/Pack	Code	Unit Price £
Low Roll Decoiler	1	U9281810	381.80
Low Roll Decoiler with Telescopic Arms	1	U9281820	403.90
High Roll Decoiler	1	U9281830	381.80

These pipe decoilers allow pipe rolls to be uncoiled consistently and easily to aid installation.

Monoblocco Connector for Plastic PB Polybutylene Pipe

BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
10	24 x 19	1	28100318	3.27
15	24 x 19	1	28100330	2.75

Please ensure you use the plastic pipe insert provided for by the manufacturer of the pipe you are using.

Monoblocco Connector for Copper Pipe

BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
10	24 x 19	1	01321410	1.66
15	24 x 19	1	01321415	1.56

Pipe Accessories (continued)

Monoblocco Connector for Multilayer Composite Pipe

BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
12 x 1.6	24 x 19	1	28100355	4.55
14 x 2	24 x 19	1	28100356	3.13
16 x 2	24 x 19	1	28100358	2.98
16 x 2.25	24 x 19	1	28100360	3.13
18 x 2	24 x 19	1	28100364	3.08
20 x 2	24 x 19	1	28100366	3.03
26 x 3	32 x 1.5	1	28100368	7.37

Note: Manifolds with 24 x 19 takeoff connections can be adapted for use with 32 x 1.5 Monobloccos by using the following fitting:
24 x 19F - 32 x 1.5M, code 01306252. See page 82.

Monoblocco Connector for PE-X, Pure PE-RT and PP

BBA Certified



Description	Thread	Pcs/Pack	Code	Unit Price £
12 x 1	24 x 19	1	28110100	3.19
12 x 2	24 x 19	1	28110106	3.26
15 x 1.7	24 x 19	1	28100326	4.31
16 x 1.5	24 x 19	1	28100332	4.15
16 x 1.8	24 x 19	1	6239R916	3.48
16 x 2	24 x 19	1	28110118	3.14
16 x 2.2	24 x 19	1	28100336	4.15
17 x 2	24 x 19	1	28110122	3.10
20 x 2	24 x 19	1	28110346	3.26
25 x 2.3	24 x 19	1	28100382*	7.69

Not suitable for use with MLCP, see correct connector above.

Note: Manifolds with 24x19 takeoff connections can be adapted for use with 32 x 1.5 Monobloccos by using the following fitting:
24 x 19F - 32 x 1.5M, code 01306252. See page 82.

*Available while stocks last.

MLCP to Copper Connectors



Description	Pcs/Pack	Code	Unit Price £
16 x 2 - 15mm	2	28110230	4.78
20 x 2 - 22mm	2	28110232	6.28
26 x 3 - 28mm	2	6109R026	9.81

A Monoblocco fitting developed to allow MLCP to be connected to standard copper compression fittings. For example, 16mm MLCP can be connected to a 15mm lever valve by using code 28110230.

Pipe Cutting Tools



Description	Pcs/Pack	Code	Unit Price £
14mm - 32mm Shears	1	28100942	68.38
14mm - 32mm Rotary Slice	1	28100944	53.19
16mm - 75mm Rotary Slice	1	28024081	188.50

A selection of pipe cutting tools for cutting Gerpex MLCP.

Pipe Accessories (continued)

Pipe Calibration Tool



Description	Pcs/Pack	Code	Unit Price £
16mm	1	U9280001	49.84
20mm	1	U9280002	51.26
26mm	1	U9280003	53.71
32mm	1	U9280004	58.98
40mm	1	U9280005	61.88
50mm	1	U9280006	94.05
63mm	1	U9280007	113.10
75mm	1	28100885	203.10
16-20-26mm	1	U9280008	93.37
Case for Calibrators*	1	U9250095	47.04
Case for Jaws**	1	U9210100	93.37

Used to prepare MLCP prior to insertion into a fitting. Ensures that the pipe is round, free from burrs and will not damage the press fitting o-rings.

*Calibrators not included - **Jaws not included.

Leakage Test Plug for Multilayer Pipe - 1/2" Female Fitting



Description	Pcs/Pack	Code	Unit Price £
16 x 2	1	28101846	16.74
20 x 2	1	28101848	17.10

Complete with 1/2" Female Fitting for air release valve (provided standard) or pressure gauge (optional).

EMMETI offer a full and comprehensive range of flooring panels and fixings to suit various installation methods, including tacker clips, castellated panels, edge insulation and spreader plates.

UNDERFLOOR

Fixing Systems

Underfloor Heating Fixings

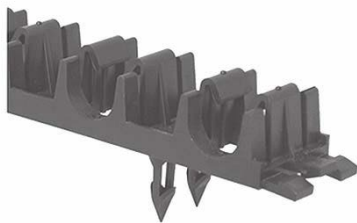
Scored Edge Strip



Description	Pack	Code	Price £/m
Edge Strip 150mm	25m roll	U9282010	0.81
Edge Strip with Overlap 150mm	25m roll	U9282020	0.92
Edge Strip c/w Overlap, Adhesive 150mm	25m roll	U9282030	0.99
Edge Strip 130mm	25m roll	U9282040	0.73
Edge Strip with Overlap, 130mm	25m roll	U9282050	0.88
Edge Strip c/w Overlap, Adhesive 130mm	25m roll	U9282060	0.98

Available in 2 widths 150mm and 130mm, both are 8mm thick in 25m rolls, three variants: Scored Edge Strip; Scored Edge Strip with Overlap (overlap creates a barrier between floor insulation and edging strip); Scored Edge Strip with adhesive tape (3cm wide) for easy application to the wall.

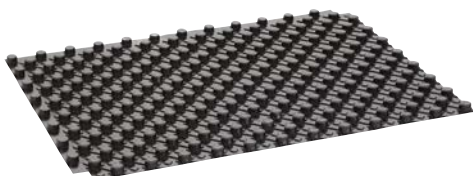
Clip Rail for Pipe 16mm - 20mm



Description	Unit Length	Pcs/Pack	Code	Unit Price £
Clip Rail without Adhesive	1m	1 Rail	U9282400	2.46
Clip Rail with Adhesive	1m	1 Rail	U9282410	2.88
Clip Rail with Double Barb	1m	1 Rail	U9282420	3.01

Three types of mounting rail to cater for pipes from 16mm to 20mm: Clip Rail without self adhesive tape, Clip Rail with adhesive and Clip Rail with double barb. All 1 metre in length and can be interconnected.

Castellated Panel



Description	Pcs/Pack	Code	Unit Price £
1250mm x 850mm no Adhesive Layer	10.56m ²	28134260	158.60
1250mm x 850mm with Adhesive Layer	10.56m ²	28134262	229.10

The panels are non-insulated and are designed to be laid on top of the insulation. The panels allow easy installation of underfloor heating pipework. A pack contains 11 panels.

Underfloor Heating Fixings (continued)

Pipe Bend Supports



Description	Pcs/Pack	Code	Unit Price £
Bend Support 10mm - 12mm with Fixing Lug	1	U9282500	1.24
Bend Support 14mm - 18mm	1	U9282510	1.16
Bend Support 20mm - 22mm	1	U9282520	1.50
Bend Support 25mm	1	U9282530	1.82
Bend Support 32mm - 34mm	1	U9282540	4.51

Used to protect and support the pipe between the manifold and where it enters the floor, will prevent the pipe from excessive bending. Smaller size includes a fixing lug.

Tacker Gun for 40mm - 60mm Pipe Staples



Description	Pcs/Pack	Code	Unit Price £
Tacker Gun	1	U9282320	319.10

This manual stapling tool is designed to allow quick and continuous pipe fixing to insulation layer. It is recommended that you use the EMMETI tacker staples, shown below with this tacker gun. Now features a clip removal window in case of the clipping mechanism becoming blocked during installation.

Tacker Staples for 16mm - 20mm Pipe



Description	Pcs/Pack	Code	Unit Price £
Single Hook 40mm	300	U9282100	0.07
Double Hook 40mm	300	U9282110	0.07
Double Hook 50mm	250	U9282120	0.08
Single Hook 57mm	300	U9282130	0.08

A range of staples designed for use with our tacker gun. Available in three lengths and as single or double hooked staples.

Manual Clips for 15mm - 18mm Pipe



Description	Pcs/Pack	Code	Unit Price £
Manual Clips 50mm (PP)	200	U9282200	0.06
Manual Clips 66mm (PP)	200	U9282220	0.07

Enables manual installation of pipe to the insulating layer. Material is Polypropylene (PP).

Straddle Clips



Description	Pcs/Pack	Code	Unit Price £
Straddle Clip 90mm x 28mm	100	U9282260	0.12

For use on insulation panels to retain and guide pipe, by bridging between bosses. Can also be used to bridge between insulation sheets to anchor them in place.

Underfloor Heating Fixings (continued)

Twist Pipe Clips for 16mm - 18mm Pipe



Description	Pcs/Pack	Code	Unit Price £
Manual Twist Pipe Clip for 16mm - 18mm	50	U9282240	0.23

Used to fix floor heating pipes to the insulating layer, designed to be hand threaded into insulation to the pipe.

Spreader (Heat Emission) Aluminium Plates



Description	Pcs/Pack	Code	Unit Price £
Double Channel (2-way) without Cuts 390mm x 1m x 0.5mm x 200mm Centres	40	U9285450	12.28
Double Channel (2-way) Cuts 390mm x 1m x 0.5mm x 200mm Centres	40	U9285460	13.11
Single Channel (1-way) without Cuts 195mm x 1m x 0.5mm	50	U9285470	8.19
Single Channel (1-way) Cuts 195mm x 1m x 0.5mm	40	U9285480	8.19

To suspend underfloor heating pipe between joists or beneath wooden flooring. Can also be used with castellated panels to give even dissipation of heat. Available as single or double channels with 200mm centres. Suitable for 16mm pipe.

Closing Bend for Spreader Plates

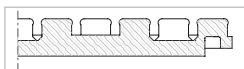


Description	Pcs/Pack	Code	Unit Price £
Closing Bend for Spreader Plate 400mm x 150mm x 200mm x16 dia Pipe	10	U9285510	2.88

For use with spreader plates. Designed to allow a closed bend at the end of each loop. Suitable for 16mm pipe, at 200mm centres. Material; expanded polystyrene.

These are not weight bearing surfaces. Please ensure that there is sufficient mechanical strength in the floor construction.
For sizing, OH means overall height and TI is thickness of insulation element of the panel.

Standard Floor Insulating Panel

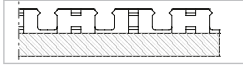


Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1100 x 600 x 32 / 10	40kg/m ³	20.18	14.52	28130079	293.00
1100 x 600 x 48 / 20	30kg/m ³	21.41	7.92	28134060	169.60
1100 x 600 x 63 / 30	30kg/m ³	24.77	6.6	28134050	163.50
1100 x 600 x 78 / H40	30kg/m ³	32.12	5.28	28134062	169.60
1100 x 600 x 78 / 50	30kg/m ³	38.35	4.62	28130093	177.20
1100 x 600 x 88 / H60	30kg/m ³	44.97	3.96	28134064	178.10

Blue panel in expanded polystyrene (EPS), with castellated surface bosses and interlocking grooves on overlapping edges, clad in a 0.16mm film of rigid polystyrene. Pipe spacing 50mm, for 16mm - 17mm pipe. CE EN 13163.

Underfloor Heating Fixings (continued)

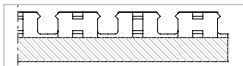
Standard Combi Floor Insulating Panel



Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 800 x 32 / H10	30kg/m ³	21.04	18.24	28134075	383.70
1200 x 800 x 42 / H20	25kg/m ³	23.89	13.44	28134077	321.10
1200 x 800 x 52 / H30	25kg/m ³	27.74	9.6	28134079	266.30

Black panel in expanded polystyrene (EPS), with castellated surface bosses and interlocking grooves on overlapping edges, clad in a 0.8mm film of rigid polystyrene. Pipe spacing 50mm, for 16mm - 17mm pipe. CE EN 13163.

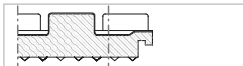
Classic Floor Insulating Panel without Film



Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 750 x 50 / 20	25kg/m ³	13.54	10.8	28130097	146.20

White panel in polystyrene (EPS), with castellated surface bosses and tongue-and-groove edges, no film, pipe spacing: 75mm, for 16mm - 17mm - 20mm pipe. CE EN 13163. Available on request only: 40 days lead time.

Classic Floor Insulating Panel with Polystyrene Film (0.16mm Thickness)



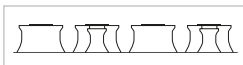
Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 750 x 65 / 30	30kg/m ³	26.53	9	28130099	238.80
1200 x 750 x 65 / 30	25kg/m ³	24.44	9	28134024	220.00

Blue panel in polystyrene (EPS), with castellated surface bosses and tongue-and-groove edges, with polystyrene 0.16mm film, pipe spacing: 75mm, for 16mm - 17mm - 20mm pipe. CE EN 13163.

Available on request only: 40 days lead time.

NEW

15mm LOWtex Panel

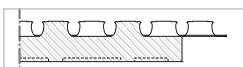


Description	Pcs/Pack	Code	Unit Price £
1050 x 650mm (0.6m ²)	16 (9.6m ²)	U9282700	16.26

Suitable for multiple build types, achieving the appearance, functionality and performance of a solid floor. The LOWtex panel can easily be installed by a single person and can also achieve greater outputs over dry install systems such as EPS, foil, plates and cement boards.

For more information on our NEW LOWtex panel, please see pages 100-101.

Step Combi Floor Sound-insulating Panel



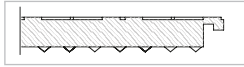
Description OH TI	Price £ m ²	Pack m ²	Code	Pack Price £
1400 x 800 x 51 / 30	28.53	6.72	28134098	191.70

Black panel in elastic expanded polystyrene (EPS-T), thermal and acoustic insulation (to 26dB under EN12354-2), with castellated surface bosses and interlocking knobs on overlapping edges, clad in a moulded 0.6mm film of rigid polystyrene. Pipe spacing 50mm, for 16mm pipe. CE EN 13163.

Available on request only: 40 days lead time.

Underfloor Heating Fixings (continued)

Plan Floor Insulating Panel (Not Castellated)

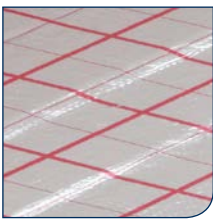


Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
1100 x 600 x 30 / 30	30kg/m ³	11.09	21.35	28130072	236.80

Blue panel in polystyrene (EPS) for thermal insulation, with surface marks for laying pipes and perimeter slots (not castellated). Clad in a 0.16mm film of rigid polystyrene. 50mm pipe spacing marked. CE EN 13163.

Available on request only: 40 days lead time.

Floor Insulating Panel in a Roll (Not Castellated)

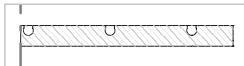
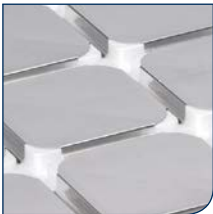


Description OH TI	Density	Price £ m ²	Pack m ²	Code	Pack Price £
10000 x 1000 x 30 / 30	25kg/m ³	24.55	10	28134250	245.50
10000 x 1000 x 40 / 40*	25kg/m ³	27.92	10	28134252	279.20
10000 x 1000 x 50 / 50*	25kg/m ³	32.28	10	28134254	322.80

Supplied as a 10 metre roll, 1 metre wide. Made of moulded expanded polystyrene (EPS) for thermal insulation, with an upper layer of aluminium/HDPE 0.16mm film and self-adhesive edge. Marked with red pipe guide lines at 50mm intervals.

*Available on request only: 40 days lead time.

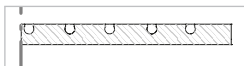
Dry Floor Insulating Panel



Description OH TI	Price £ m ²	Pack m ²	Code	Pack Price £
1200 x 600 x 28 / 10	63.98	11.52	28134100	737.00

Silver coloured expanded polystyrene panel EPS 200, with dovetail joints on the 4 sides and an upper aluminium foil layer 0.3mm. Pipe centres 150mm, for 17mm pipe. For straight runs only. CE EN 13163.

Dry Floor Insulating Panel Header



Description OH TI	Price £ m ²	Pack m ²	Code	Pack Price £
600 x 300 x 28 / 10	58.21	5.76	28134104	335.30

Silver coloured expanded polystyrene panel EPS 200, with dovetail joints on the 4 sides and upper rigid polystyrene coating 0.3mm (it doesn't have an aluminium layer). Designed to allow a closed bend at the end of each loop. For 17mm pipe. CE EN 13163.

Galvanised Steel Plate, Thickness 1mm



Description OH TI	Pack m ²	Code	Pack Price £
600 x 600 x 1*	3.6	28134108	177.00
600 x 300 x 1*	3.6	28134112	177.00
600 x 600 x 1**	3.6	28134110	235.40
600 x 300 x 1**	3.6	28134114	235.40

*Without adhesive side - **With adhesive side.

UNDERFLOOR

Spares and Accessories

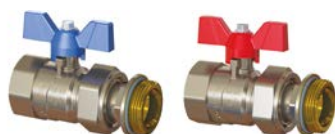
EMMETI offer a wide range of underfloor heating spares and accessories.

When installing EMMETI manifolds it is important to use EMMETI purpose designed accessories, made specifically to ensure safe and trouble-free installation. EMMETI have developed these accessories over many years and now have a wide range to meet a wide variety of application requirements.



Ball Valves

Pair of Progress Valves Male - Revolving Nut with Butterfly Handle 1" Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	01306708	28.12

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Straight Progress Valves with Offset Temperature Gauge, Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	01306710	43.09

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves, Female-Male with Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	01306712	40.30
1" F x MU c/w Temperature Gauge	1	01306714	53.80

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Straight Progress Valves with In-line Temperature Gauge, Compression and Pipe Union Connection



Description	Pcs/Pack	Code	Unit Price £
22mm x 1" MU	1	6052R622	70.89

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Ball Valves (continued)

Pair Right-Angle Progress Valves with Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
¾" F x MU	1	9745R005	36.96
1" F x MU	1	6064R006	56.47
1¼" F x MU	1	9745R007	92.58

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Straight Progress Valves with Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
¾" F x MU	1	9723R005	33.09
1" F x MU	1	6062R006	49.07
1¼" F x MU	1	9723R007	74.43
With In-line Temperature Gauge			
1¼" F x MU	1	9722R007	90.49

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves with Offset Temperature Gauge, Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1" F x MU	1	6063R006	68.66

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Pair Right-Angle Progress Valves with In-line Temperature Gauge, Female-Male Union Connection



Description	Pcs/Pack	Code	Unit Price £
1¼" F x MU	1	9744R007	109.10

Boxed as a pair, with red and blue aluminium butterfly handles. Includes o-ring seals.

Manifold Accessories

Backless On-wall Manifold Cabinet for Heating Manifolds



Description	Pcs/Pack	Code	Unit Price £
L400mm (380 x 640 x 135)	1	U9282600	71.27
L530mm (510 x 640 x 135)	1	U9282620	81.30
L680mm (660 x 640 x 135)	1	U9282630	94.63
L830mm (810 x 640 x 135)	1	U9282640	107.10
L1030mm (1010 x 640 x 135)	1	U9282650	121.70
L1130mm (1110 x 640 x 135)	1	U9282660	125.00

A range of backless metal cabinets designed to be fitted once the manifold has been fitted, tested, commissioned and decoration has been completed. Please see cabinet sizing technical guide at www.emmeti.co.uk for correct selection.

Manifold Accessories (continued)

Manifold Cabinet in Galvanized Steel with White Enamelled Door



Description	Pcs/Pack	Code	Unit Price £
L500mm (560 x 600 x 80-120)	1	01301450	110.60
L700mm (760 x 600 x 80-120)	1	01301454	139.10
L850mm (910 x 600 x 80-120)	1	01301456	171.40
L1000mm (1060 x 600 x 80-120)	1	01301458	199.30
L1200mm (1260 x 600 x 80-120)	1	01301460	227.90

Door to fit flush with finished surface. Box for manifolds, flush fitting with adjustable depth. Supplied complete with quarter turn catch, feet adjustable for height from 0mm to 100mm and cover for protection during site work. Key lock can be purchased separately see code 90065020.

Key Lock for In-wall Manifold Cabinets



Description	Pcs/Pack	Code	Unit Price £
Key Lock	1	90065020	26.45

Copper Adaptor; Brass Chrome-plated



Description	Pcs/Pack	Code	Unit Price £
22mm Copper x 1" M BSP	1	U9240018	5.84
22mm Copper x 3/4" M BSP	1	U9240020	4.40

Straight Fitting Female 24mm x 19mm - Male 32mm x 1.5mm



Description	Pcs/Pack	Code	Unit Price £
24 x 19 - 32 x 1.5	1	01306252	8.25

Complete with o-ring and adaptor for female connection.

Straight Fitting Male 1/2" - Male 32mm x 1.5mm



Description	Pcs/Pack	Code	Unit Price £
1/2" M BSP - 32 x 1.5	1	01306250	7.27

Complete with o-ring on 1/2" BSP male side.

Straight Swivel Adaptors, Nickel-plated



Description	Pcs/Pack	Code	Unit Price £
1" M x 1" M	1	01306426	12.70
1 1/4" M x 1 1/4" M	1	01306430	20.39
1 1/4" M x 1" M Reducer	1	01306432	17.39
3/4" M x 3/4" M	1	01306434	12.02

Allows orientation of product during installation.

Manifold Accessories (continued)

Straight Male-Male Adaptors



Description	Pcs/Pack	Code	Unit Price £
1" M x 1" M with o-ring Seal	1	90006700	5.54
1 1/4" M x 1 1/4" M with o-ring Seal	1	90006910	8.91

For bridging between Topway manifolds.

Blanking Plugs, Male and Female



Description	Pcs/Pack	Code	Unit Price £
1/2" M with o-ring Seal	1	90004930	1.50
3/4" M with o-ring Seal	1	90004820	2.17
1" M with o-ring Seal	1	90004830	2.91
1 1/4" M with o-ring Seal	1	90005070	4.55
3/4" F*	1	01291536	1.95
1" F*	1	01291538	3.08
24 x 19 F with o-ring Seal (Manifold Outlet Cap)	1	01321460	1.71

*Use the appropriate washer (90008200 or 90008210) shown below when ordering these items.

Female Washers



Description	Pcs/Pack	Code	Unit Price £
3/4" F	1	90008200	0.33
1" F	1	90008210	0.27

Reducer Fittings, Nickel-plated



Description	Pcs/Pack	Code	Unit Price £
3/4" M x 1/2" F	1	90005050	2.12
3/4" M x 1/4" F	1	90004840	2.34
1" M x 1/2" F	1	90005060	3.82
1" M x 1/4" F	1	90004850	3.82
1" M x 3/4" F	1	90006870	3.22
1 1/4" M x 1/2" F	1	90005080	6.83
1 1/4" M x 1" F	1	90005084	5.12
1/2" M x 1/4" F with o-ring Seal and Gasket	1	01306464	4.29

Metal Brackets for Topway Manifolds, Pairs of Single Brackets



Description	Pcs/Pack	Code	Unit Price £
3/4"	Pair	90011500	8.17
1"	Pair	90011510	8.25
1 1/4"	Pair	90011520	8.29

Manifold Accessories (continued)

Metal Brackets for Topway Manifolds, Pairs of Double Brackets



Description	Centres	Pcs/Pack	Code	Unit Price £
¾"	200mm	Pair	90011530	13.56
1"	200mm	Pair	90011540	13.68
1¼"	200mm	Pair	90011550	13.78
¾"	210mm	Pair	90011560	12.99
1"	210mm	Pair	90011570	13.11
1¼"	210mm	Pair	90011580	13.23
T2 Topway Plus Manifolds				
1"	210mm	Pair	01306826	13.41

For use when fitting a manifold to either a 200mm or 210mm centre control group.

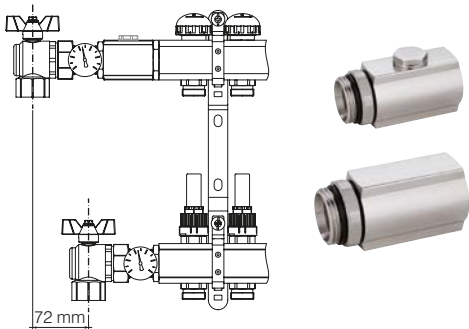
Insulating Shells for Topway Manifolds



Description	Pcs/Pack	Code	Unit Price £
1¼"	1	01306502	30.79

In extruded polyethylene. 12 branch holes at 50mm intervals. To be cut to size according to the number of ways of the manifold to be insulated.

Extension Piece for Topway Manifolds



Description	Pcs/Pack	Code	Unit Price £
M-F 1" c/w ½" Blanked Port	1	01306254	22.00
M-F 1¼" no Port	1	01306256	25.11

Used to offset either the flow or return angled ball valves on the left side of a manifold. It allows you to run pipe vertical and parallel.

Spanner for Straight Swivel Adaptors 37mm - 48mm AF



Description	Pcs/Pack	Code	Unit Price £
37mm - 48mm	1	01306044	6.20

Two are required when tightening swivel adaptors.

27mm - 30mm AF Spanner for tightening 24mm x 19mm Monoblocco Connectors



Description	Pcs/Pack	Code	Unit Price £
27mm - 30mm	1	01306058	76.90

Designed to easily tighten the takeoff connections in the 36mm interaxial space provided. The 30mm jaw is designed for use with larger Monoblocco connectors.

Manifold Accessories (continued)

27mm AF Spanner for Tightening 24mm x 19mm Monoblocco Connectors



Description	Pcs/Pack	Code	Unit Price £
27mm	1	01306054	8.02

For Monoblocco connectors up to dia 18mm only. Shoulderless spanner for manifolds with 36mm interaxials.

38mm AF Spanner for 32mm x 1.5mm Monoblocco Connectors



Description	Pcs/Pack	Code	Unit Price £
38mm	1	28171002	121.30

To be used for the tightening of Monoblocco connectors 32 x 1.5 on the takeoff connections of Topway manifolds with 50mm connector spacing.

1" End T-piece Nut and o-ring



Description	Pcs/Pack	Code	Unit Price £
1" M x 1/2" F BSP x 1/2" F BSP	1	01306298	14.97
T2 Topway Plus Manifolds			
1" M x 1/2" F BSP x 1/2" F BSP	1	01306854	9.01

With 1/2" female connections for manual or automatic air vent, drain/fill valves, pressure gauges or temperature/pressure gauges. The 1" M connection to the manifold is complete with an o-ring sealing face and locking nut for easy orientation.

Hose Tail for Filling and Draining



Description	Pcs/Pack	Code	Unit Price £
3/4" Loose Nut x 3/8" Barb	1	09020012	1.44

Straight Male-Female Adaptor



Description	Pcs/Pack	Code	Unit Price £
1" M x 1" F Flat Union Coupling and Gasket	Pair	01306460	20.92

These are sold in pairs.

Straight Male-Female Adaptor



Description	Pcs/Pack	Code	Unit Price £
1" M BSP x 1" F Union Connector	1	90055960	17.13

Two are required when tightening swivel adaptors, for use with stainless steel manifolds.

Manifold Accessories (continued)

Remote Sensing Thermostatic Actuator



Description	Pcs/Pack	Code	Unit Price £
Remote Sensing Thermostatic Actuator	1	90060890	35.03

A remote sensing thermostatic actuator with a shortened and sleeved capillary tube (400mm) to give added protection. Temperature range between 20-65°C with range limiting pins.

Male Tee Union with Female Pipe Union for Temperature Gauge



Description	Pcs/Pack	Code	Unit Price £
FU-M 24 x 19	1	90011760	9.49

The temperature gauge on page 129 is designed to be fitted to the flow and return manifold takeoff connections, allowing in-line monitoring of circuit temperatures.

Differential Pressure By-pass Kit with Right Angle Progress Ball Valves



Description	Pcs/Pack	Code	Unit Price £
1"	1	01306186	150.60

Differential pressure by-pass valve from 0.2 to 0.5 bar.
For connection to the left side of a manifold, connecting to flow and return rails.
By-passed flow direction is from flow (red handle) to return (blue handle).

Differential Pressure By-pass Kit



Description	Pcs/Pack	Code	Unit Price £
1"	1	01306174	50.10
1 1/4"	1	01306176	56.74

For Topway pre-assembled manifolds.
For connection to the right-hand side of a manifold, connecting to flow and return rails.
For this configuration, the flow is on the bottom connection and the return on the top connection. It can easily be reversed on site.
Differential pressure by-pass valve from 0.2 to 0.5 bar.

Pressure Gauge with Radial Connection



Description	Size	Pcs/Pack	Code	Unit Price £
1/4" x 50mm	4 bar	1	00612452	6.59
1/4" x 50mm	6 bar	1	00616024	6.59
1/4" x 63mm	2.5 bar	1	00612003	7.18
1/4" x 63mm	4 bar	1	00612004	7.18
1/4" x 63mm	6 bar	1	00612006	7.18
1/4" x 63mm	10 bar	1	00612010	7.18
1/4" x 63mm	16 bar	1	00612016	7.18
1/4" x 63mm	25 bar	1	00612025	7.18
3/8" x 80mm	4 bar	1	00614004	14.18
3/8" x 80mm	6 bar	1	00614006	14.18
3/8" x 80mm	10 bar	1	00614010	14.18
3/8" x 80mm	16 bar	1	00614016	14.18
3/8" x 80mm	25 bar	1	00614025	14.18

Manifold Accessories (continued)

Pressure Gauge with Axial Connection



Description	Size	Pcs/Pack	Code	Unit Price £
1/4" x 50mm	4 bar	1	00616020	6.59
1/4" x 50mm	10 bar	1	00612442	6.59
1/4" x 63mm	4 bar	1	00616004	7.44
1/4" x 63mm	6 bar	1	00616006	7.44
1/4" x 63mm	10 bar	1	00616010	7.44

Casing in ABS plastic. For use with 01306458 tee piece.

Combined Temperature and Pressure Gauge



Description	Pcs/Pack	Code	Unit Price £
1/4" M c/w 1/2" M Check Valve x 80mm			
Axial Connection	1	00600012	19.28
Radial Connection	1	00602012	27.35

Max: Pressure 4 bar, temperature 120°C.

Tee with Pipe Union for Pressure Gauges



Description	Pcs/Pack	Code	Unit Price £
1/2" M-F x 1/4"	1	01306458	12.66

Designed to be fitted to a 1/2" manifold tapping, it has a pre-assembled 1/2" x 1/4" reducer to provide connection of a pressure gauge, complete with gauge sealing gasket.

The 1/2" M BSP connection to manifold includes an o-ring seal and locking ring, for orientation.

The 1/2" F BSP connection allows a manual 00410021 (page 131) or automatic air vent 00400004 (page 131) to be connected.

Topway Circuit Indicator Pack with 12 Red Bands



Description	Pcs/Pack	Code	Unit Price £
1" - 1 1/4"	1	01306320	10.62

With labels for identifying circuits. To lock Topway flow meter.

Topway Lockshield with Incorporated Flow Meter 0-4 l/min

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds			
0-4 l/min, 1/2" MBSP Metal Threaded	1	01306302	8.65
T2 Topway Plus Manifolds			
0-4 l/min, 1/2" MBSP Metal Threaded	1	01306810	8.65

Double regulating, allows for isolation of circuits as well as visual flow regulation. This does not include Topway lockshield/flowmeter seat. To order a lockshield/flowmeter seat refer to code 01306312 or 01306316 for T2 Topway or code 01306812 for T2 Topway Plus.

Manifold Accessories (continued)

Topway Lockshield

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
½" MBSP Metal Threaded	1	01306300	6.12

Replacement manifold lockshield assembly. Can be used to change flowmeters to lockshields.

Topway Flow Meter Only

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
0-2.5 l/min	1	01306828	5.25
0-4 l/min	1	01306830	4.79
0-6 l/min	1	01306832	4.83

For direct replacement of dirty flowmeters or to upgrade from a lockshield kit. Offers the same functionality as a lockshield with the additional feature of a visual flow rate. Code 01306830 0-4 l/min is a direct replacement for Topway Type 2 standard supply.

Topway Lockshield/Flow Meter Seat



Description	Connection	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306312	3.70
For 1¼" Manifolds	½" MBSP - 24 x 19	1	01306316	4.31
T2 Topway Plus Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306812	4.67

Topway Thermostatic Replacement Kit

BBA Certified



Description	Connection	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306114	7.77
For 1¼" Manifolds	½" MBSP - 24 x 19	1	01306118	8.25
T2 Topway Plus Manifolds				
For 1" Manifolds	½" MBSP - 24 x 19	1	01306816	7.68

Topway Blue Cap for Electro-thermic Valves



Description	Pcs/Pack	Code	Unit Price £
Electro-thermic Valve Cap	1	90004470	0.27

NOTE: This should only be used temporarily until the electro-thermic head is installed. For permanent capping, use code 01306112 on page 131.

Manifold Accessories (continued)

Topway Hand Wheel for Manual Control



Description	Pcs/Pack	Code	Unit Price £
Manual Electro-thermic Valve Head	1	01306112	1.70

For use where no electro-thermic head is to be used, but manual control is required.

Topway Red Cap for Lockshield Valves



Description	Pcs/Pack	Code	Unit Price £
Replacement Lockshield Cap	1	90023360	0.38

Tecno-Varia Auto Air Vent

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds			
1/2"	1	00400004	6.56
T2 Topway Plus Manifolds			
1/2"	1	00400020	7.73

Combines manual and automatic venting functions.

Manual Bleed Valve



Description	Pcs/Pack	Code	Unit Price £
1/2"	1	00410021	1.14

Drain/Fill Valve, Nickel-plated

BBA Certified



Description	Pcs/Pack	Code	Unit Price £
T2 Topway Manifolds			
1/2"	1	90011790	10.27
T2 Topway Plus Manifolds			
1/2"	1	01306824	12.79

1/2" M connection with 3/4" hose connection.
Allows easy pipe connection with 360° orientation.

Temperature Gauge Ø 40



Description	Pcs/Pack	Code	Unit Price £
0-80°C	1	90006860	6.43

For installation into a 1/2" manifold tapping, use 1/2" temperature gauge pocket, code 90026530 and o-ring pocket seal code 90047400.



Technical Diagrams and General Information

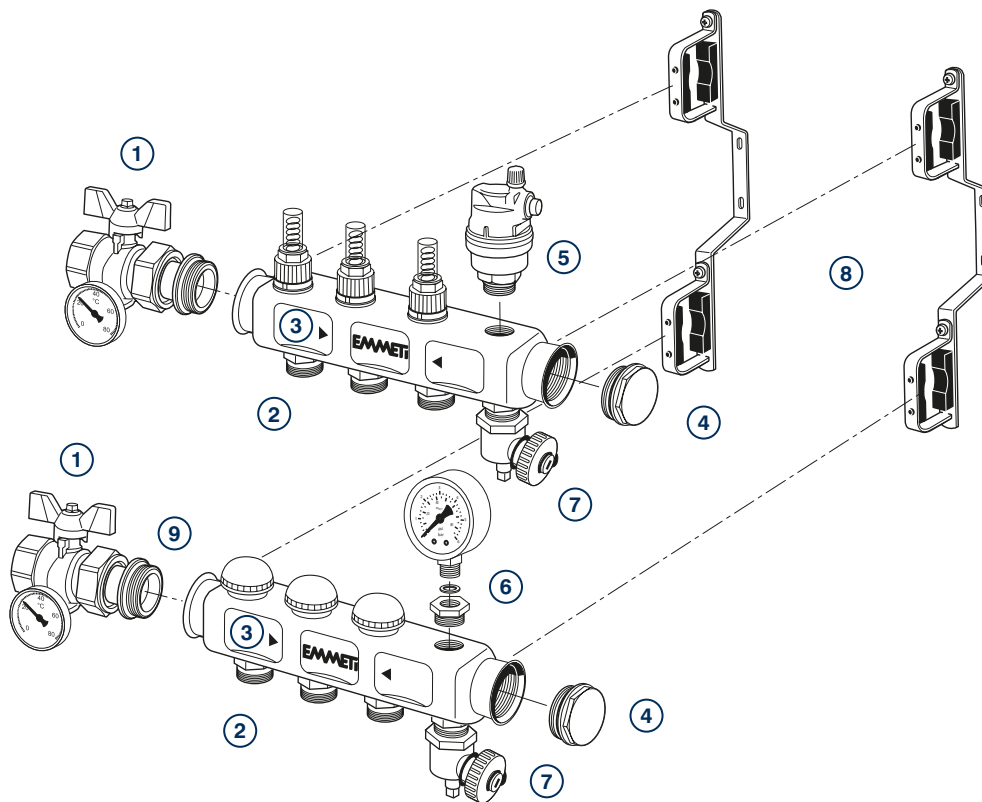
EMMETI UK are passionate about their products and systems, but are equally passionate about their aftersales and technical support.

Further information and technical details on their range of products can be found within this section, or online at www.emmeti.co.uk

Technical Diagrams

Manifold Assembly

Type 2 Topway Plus Stainless Steel FM Pre-Assembled Heating Manifold



1 Ball Valves

Code: 01306710 1" with thermometer / 01306708 1" without thermometer

2 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-Xa, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

3 Manifold

Code: 01282260 (2-way) to 01282280 (12-way) 1"

4 Blanking Plug

Code: 90004830 1" M with o-ring seal

5 Automatic Air Vent

Code: 00400020 Tecno-Varia auto air vent 1/2"

6 Pressure Gauge

Code: 90063890

7 Drain Fill Valve

Code: 01306824 1/2" with 3/4" hose connection

8 Double Metal Brackets

Code: 01306826 1" 210mm

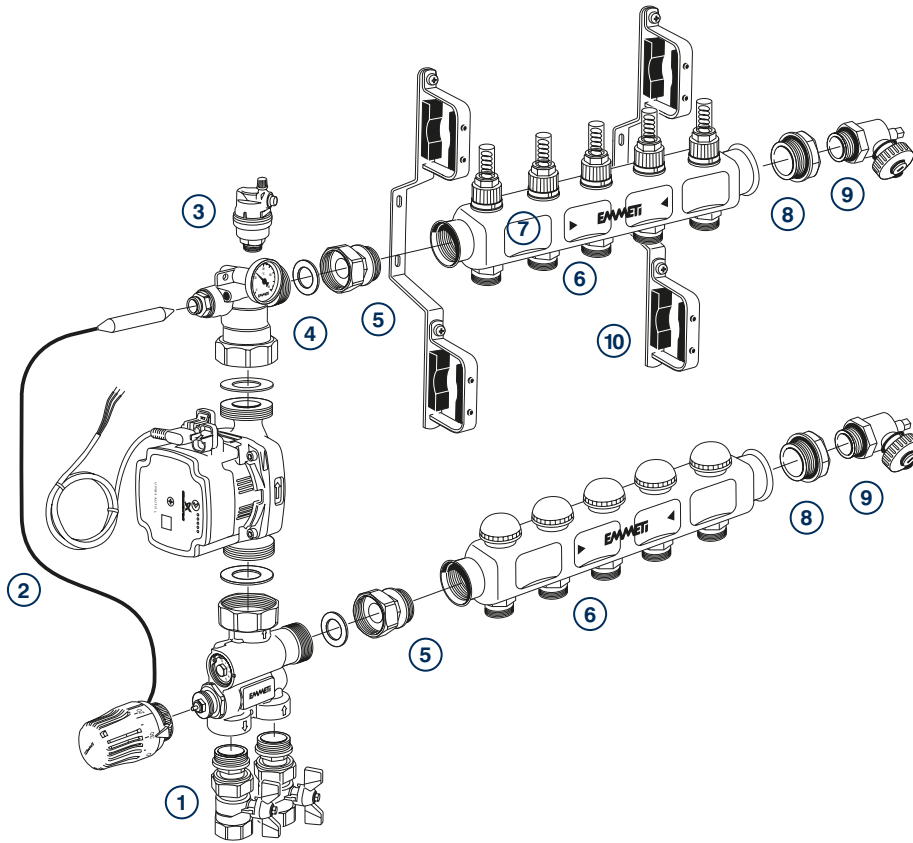
9 Union Connector

Code: 90055960 1" M BSP x 1" F union connector

For all spares and accessories please refer to section Gerpex System Components and Spares page 61 or Underfloor Heating Systems page 122

Manifold Assembly (continued)

FMU3 Floor Mixing Unit with Low Temperature Manifold including Flowmeters



1 Ball Valves

Code: 01306710 1" with thermometer /
01306708 1" without thermometer

2 Thermostatic Actuator

Code: 90060890 M30 x 1.5

3 Automatic Air Vent

Code: 00400004 Tecno-Varia automatic air vent

4 Thermometer

Code: 90006860 0° - 80°C

5 Union Connector

Code: 90055960 1" M BSP x 1" F union connector

6 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-X, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

7 Topway Plus Compact Manifold

Code: 01292760 (2-way) to 01292780 (12-way)

8 Reducing Fitting

Code: 90004850 1" M x 1/2" F

9 Drain/Fill Valve

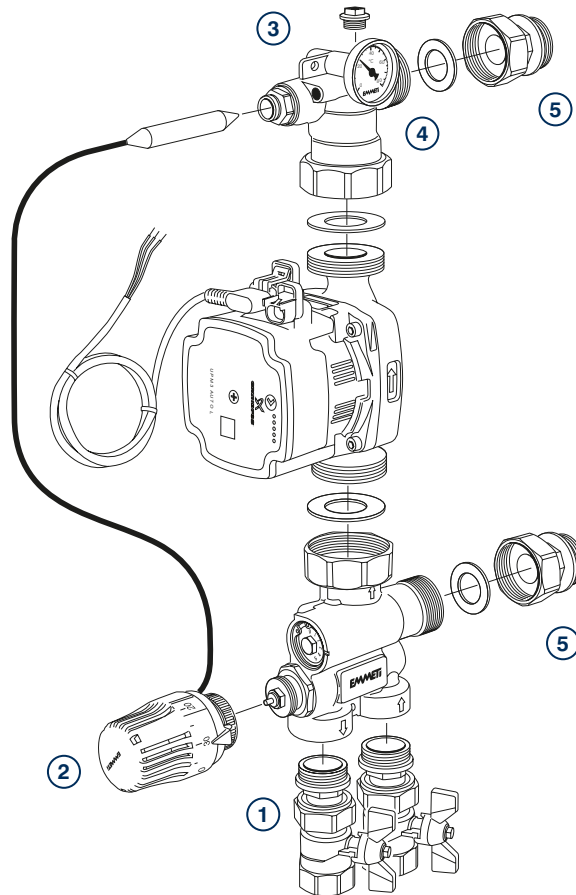
Code: 90011790 1/2" drain/fill valve with 3/4" hose connection

10 Double Metal Brackets

Code: 01306826 1" 210mm

Manifold Assembly (continued)

TM3-R Thermostatic Mixer Control Group with Grundfos UPM2 Auto Pump

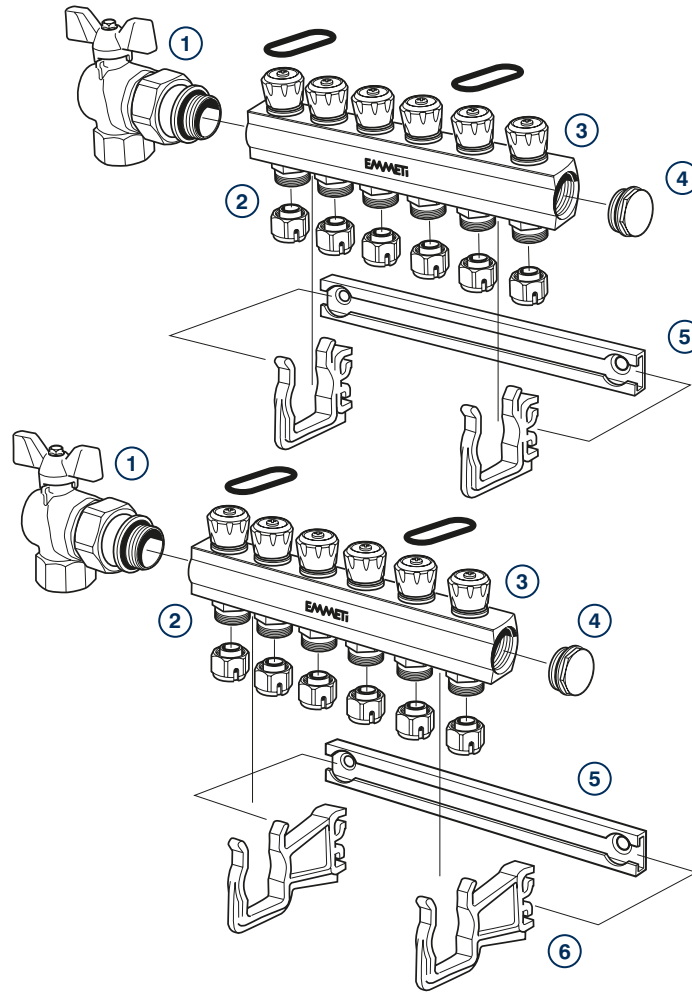


- 1 Ball Valves**
Code: 01306710 1" with thermometer /
01306708 1" without thermometer
- 2 Thermostatic Actuator**
Code: 90060890 M30 x 1.5
- 3 Manual Air Vent**
Code: 00410021 1/2"
- 4 Thermometer**
Code: 90006860 0° - 80°C
- 5 Union Connector**
Code: 90055960 1" M BSP x 1" F union connector

For all spares and accessories please refer to section Underfloor Heating Systems page 122

Manifold Assembly (continued)

Type 1 TopSan Manifold Assembly



1 Ball Valves

A range of 3/4" and 1" ball valves are available. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

2 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-X, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

3 Manifold

Code: 01282050 (2-way) to 012822070 (12-way) 3/4"
Code: 01282084 (4-way) to 01282088 (6-way) 1"

4 Blanking Plug

Code: 90004820 3/4" M with o-ring seal
Code: 90004830 1" M with o-ring seal

5 Aluminium Slider Rail

Order two per manifold or one 400mm slider rail as this can be snapped into two 200mm lengths by hand.

Code: 01306400 400mm or Code: 01306398 200mm

6 Brackets

Code: 01302120 3/4" plastic bracket supports
Code: 01302130 1" plastic bracket supports
Sold in boxes of 10 pairs

Additional Bracket Options

Single Metal Brackets

(Sold in pairs)
Code: 90011500 - 3/4"
Code: 90011510 - 1"

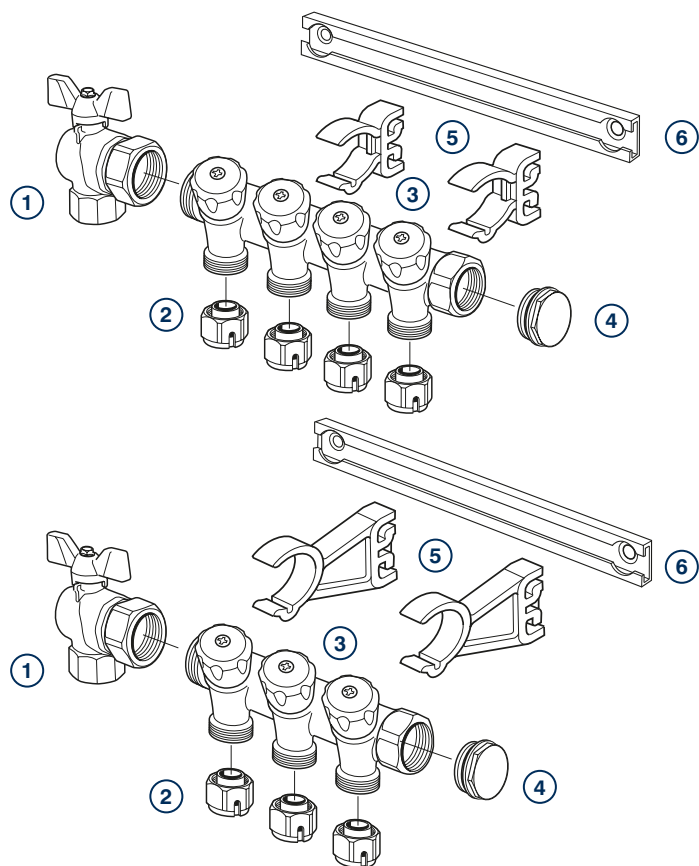
Double Metal Brackets

(Sold in pairs)
Code: 90011530 - 3/4" 200mm centres
Code: 90011540 1" 200mm centres



Manifold Assembly (continued)

Type 1 Multiplex Manifold Assembly



1 Ball Valves

A range of 3/4" and 1" ball valves are available. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

2 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-X, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

3 Manifold

Code: 01307260 (2-way) to 01307270 (4-way) 3/4"
Code: 01307280 (2-way) to 01307290 (4-way) 1"

4 Blanking Plug

Code: 90004820 3/4" M with o-ring seal
Code: 90004830 1" M with o-ring seal

5 Plastic Brackets

Code: 01302140 3/4" or 01302150 1"
Sold in boxes of 10 pairs

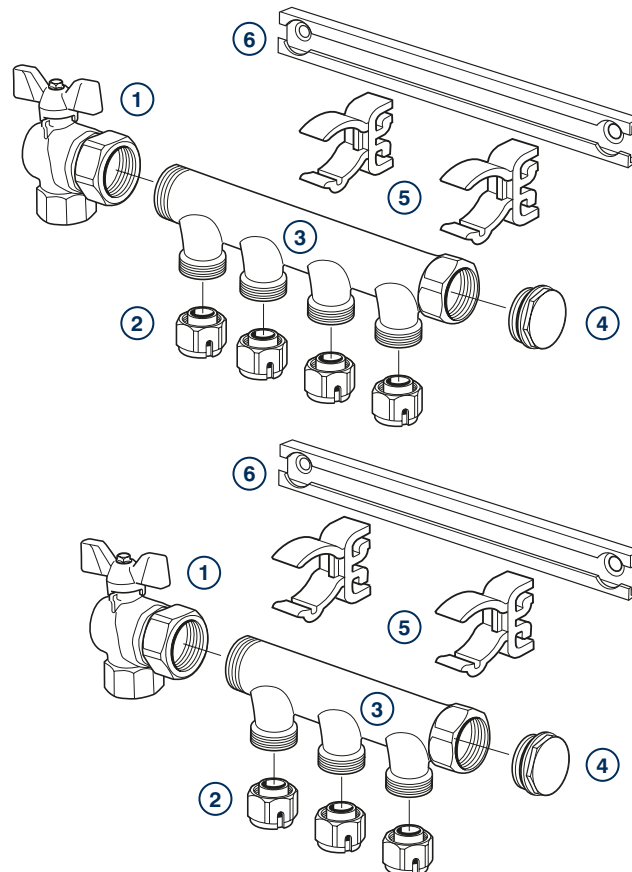
6 Aluminium Slider Rail

Order two per manifold or one 400mm slider rail as this can be snapped into two 200mm lengths by hand.
Code: 01306400 400mm or Code: 01306398 200mm

For all spares and accessories please refer to section Gerpex System Components and Spares page 61

Manifold Assembly (continued)

Type 1 Modular Manifold Assembly



1 Ball Valves

A range of $\frac{3}{4}$ " and 1" ball valves are available. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

2 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-X, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

3 Manifold

Code: 01303050 (2-way) to 01303054 (4-way) $\frac{3}{4}$ "
Code: 01303060 (2-way) to 01303064 (4-way) 1"

4 Blanking Plug

Code: 90004820 $\frac{3}{4}$ " M with o-ring seal
Code: 90004830 1" M with o-ring seal

5 Plastic Brackets

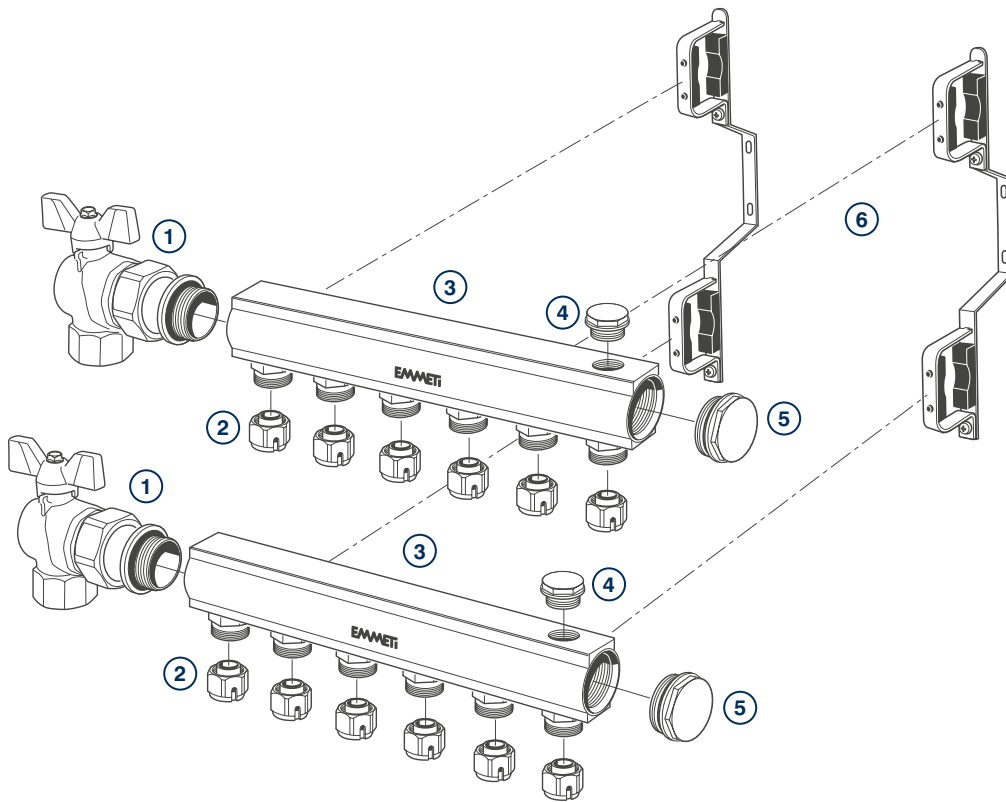
Code: 01302140 $\frac{3}{4}$ " or 01302150 1"
Sold in boxes of 10 pairs

6 Aluminium Slider Rail

Order two per manifold or one 400mm slider rail as this can be snapped into two 200mm lengths by hand.
Code: 01306400 400mm or Code: 01306398 200mm

Manifold Assembly (continued)

Type 1 Topway Pre-Assembled Manifold



1 Ball Valves

A range of 3/4", 1" and 1 1/4" ball valves are available. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

2 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-Xa, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

3 Manifold

Code: 01293260 (2-way) to 01293280 (12-way) 3/4" 36mm centres
 Code: 01293290 (2-way) to 01293310 (12-way) 3/4" 50mm centres
 Code: 01293830 (2-way) to 01293850 (12-way) 1" 50mm centres
 Code: 01294634 (4-way) to 01294650 (12-way) 1 1/4" 50mm centres
 Order 2 per set

4 Blanking Plug

Code: 90004930 1/2" M with o-ring seal

5 Blanking Plug

Code: 90004820 3/4" M with o-ring seal
 Code: 90004830 1" M with o-ring seal
 Code: 90005070 1 1/4" M with o-ring seal

6 Double Metal Brackets 210mm centres

Code: 90011560 3/4" / Code: 90011570 1" / Code: 90011580 1 1/4"
 supplied in pairs

Additional Bracket Options

Single Metal Brackets

(Sold in pairs)

Code: 90011500 - 3/4"
 Code: 90011510 - 1"
 Code: 90011520 - 1 1/4"

Plastic Brackets

(Sold in packs of 10 pairs)

Code: 01302120 - 3/4"
 Code: 01302130 - 1"

Aluminium Slider Rail

Order two per manifold or one 400mm slider rail as this can be snapped into two 200mm lengths by hand.

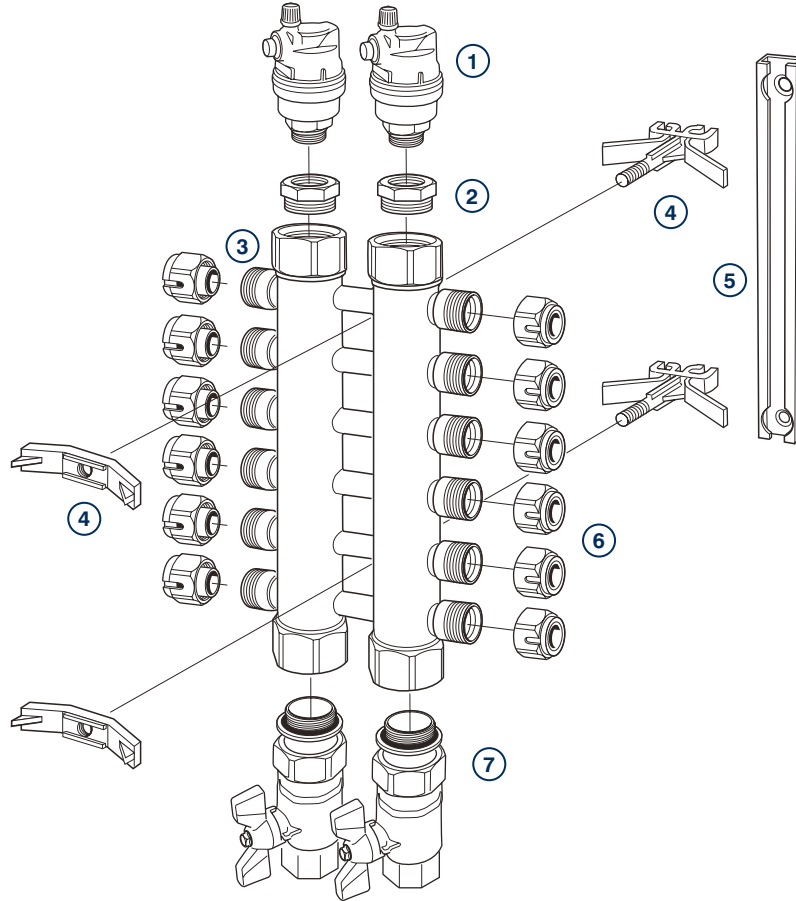
Code: 01306400 400mm
 or Code: 01306398 200mm



For all spares and accessories please refer to section Gerpex System Components and Spares page 61

Manifold Assembly (continued)

Type 1 Mixer Manifold Assembly



1 Automatic Air Vent

Code: 00400004 1/2" Techno-Varia automatic air vent
Code: 00410021 bleed valve and manual air vent 1/2"

2 Reducer Fittings

Code: 90004840 3/4" M x 1/2" F reducer, nickel-plated

3 Manifold

Code: 01290800 2x2 to 01290840 10x10 3/4" 36mm centres

4 Plastic Brackets

Code: 01302160 bracket support kit including retainer, sold in boxes of 10

5 Aluminium Slider Rail

Order two per manifold or one 400mm slider rail as this can be snapped into two 200mm lengths by hand.

Code: 01306400 400mm or Code: 01306398 200mm

6 Monoblocco Connectors

A range of Monoblocco connectors are available to suit pipe sizes 10mm - 20mm, and different pipe types PB, PE-X, PE-RT, MLCP and Copper. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

7 Ball Valves (Optional)

A range of 3/4" ball valves are available. For the complete range please refer to System Components and Spares section or visit our website www.emmeti.co.uk

Hard Wired Wiring Centres

Zone Terminal Identification

- 1. **NSB** = Night Set Back Connection (if required) →
- 2. **SWL >** = Switched Live back from Thermostat →
- 3. **SWL <** = Switched Live to External Control (if required) →
- 4. **TN** = Neutral to Thermostat →
- 5. **TL** = Live to Thermostat →
- 6. **L1** = Live to Electro-thermic Actuator Head →
- 7. **N1** = Neutral to Electro-thermic Actuator Head →

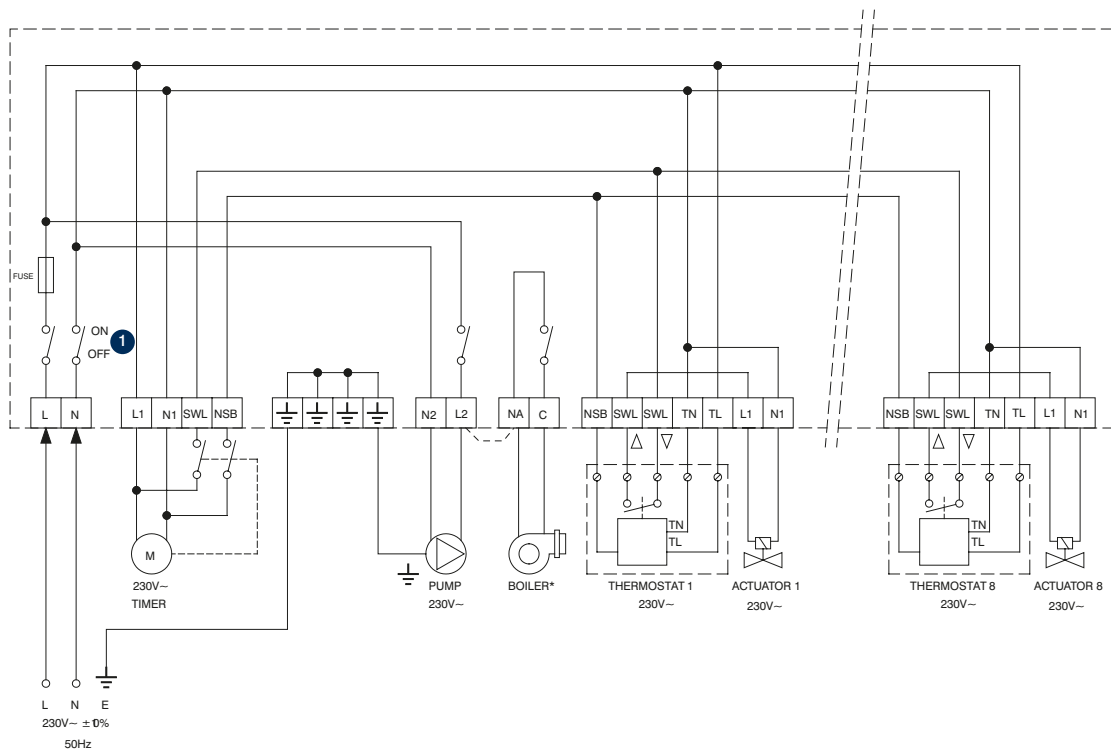


Wiring Diagram to suit EWC-1 and EWC-2 230V Versions

Connections to the wiring centre should be made in accordance with the wiring diagrams shown below:

Note - where the boiler requires a 230V supply, connect terminal NA to pump terminal L2 - shown dotted - and remove connection between boiler and terminal NA (terminal NO on EWC-2 models).

1 NB. Only EWC-1 has on/off switch



General Information

We have developed a product portfolio specially designed to cater for the UK plumbing and heating markets, in particular the underfloor heating, wall hung radiator heating and hot and cold water sectors. Core products for the markets we serve are:

- Manifolds and fittings for radiator and underfloor heating systems
- Manifolds and fittings for sanitary water distribution
- Multilayer pipe and press fitting systems from 16mm to 75mm
- Pipe, insulation and accessories for underfloor heating
- Zone controls for radiator and underfloor heating, including thermostats, actuators and wiring centres
- Expansion vessels for both heating and potable water applications
- Manual and thermostatic radiator valves
- Manual and motorised ball valves
- Pressure reducing valves
- Heat Interface Units (HIU)

Product Standards and Customer Support

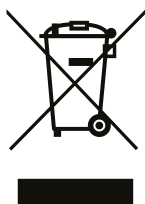
All of our products are manufactured to comply with European standards wherever possible. Additionally, where appropriate, our products also satisfy the requirements of WRAS for use in potable water systems. More recently, we have gained BBA approval for our manifold systems as can be seen in our technical product guides available online. In addition, we have provided individual installation guides with each product and copies can be obtained by going online or by contacting our sales office.

To receive regular product updates, news and technical articles, please register via our website or, if you are viewing this page electronically, simply click on the link www.emmeti.co.uk/news-update

Our EMMETI UK website offers online access to literature, product data, technical information, articles, and the latest product launches: www.emmeti.co.uk



Disposal of Waste Electrical or Electronic Equipment



This crossed-out wheeled bin symbol indicates that waste electrical and electronic products (WEEE) should be disposed of separately to local waste collection services.

Old electrical products can contain hazardous substances, so correct disposal of your old equipment will help prevent potential negative consequences for the environment and human health. Old equipment may contain reusable parts that could be used to repair other products, and other valuable materials that can be recycled to conserve limited resources.

Old equipment should be disposed of responsibly in accordance with local authority guidelines at a local authority waste recycling centre or authorised WEEE collection point.

We accept orders by email and fax only, however we can take enquiries by telephone.

When ordering please provide the following details:

- Company name, contact name and telephone number
- Product code
- Product description
- Quantity required
- Delivery address with contact name, telephone number and email address
- Required delivery service (see below for options)
- Delivery date
- Type of site: ie. domestic or commercial
- Site access restrictions: If private/domestic address, please let us know if a dwelling is isolated or down a narrow lane
- Your purchase order number
- Invoice address

An order acknowledgement will be sent to confirm your requirements. Please check this carefully and notify the internal sales team if any changes are required as soon as possible, on **(+44) 01993 824900** or via email **sales@emmeti.co.uk**. If the order has been despatched, we will inform you of the options available.

By Email:

Please send to **sales@emmeti.co.uk** with the information above.

By Fax:

Please send to **(+44) 01993 824990** with the same information as above.

By Telephone:

Please call **(+44) 01993 824900** from 8.30am to 5pm, Monday to Friday except bank holidays.

Talk to our internal sales team who will discuss your requirements and advise on delivery and pricing. Written purchase orders can be accepted by email or fax only. Please refer to details above.

Carriage and Delivery

Premium Delivery Service**

Our Premium Delivery Service includes a variety of delivery options designed to suit business needs. You can choose to receive your goods from 10am, before midday or at a specific time to suit you. We can also deliver on a Saturday with our Premium Service.

Irrespective of order value, delivery charges for the Premium Service are as follows:

AM (BEFORE NOON, but NOT guaranteed before 10.30am)	£30.00
TIMED (10.30am earliest)	£40.00
SATURDAY	£60.00

** Restrictions in Central London, Scottish Isles and Ireland apply. EMMETI UK will provide you with a quote for Premium Service in these areas.

Next Day Delivery Service

Our Next Day Delivery Service is for deliveries needing to reach their destination within 24 hours. This service operates throughout most of the UK. Along with our Premium Service, it is designed for those deliveries that need to get there as quickly as possible.

Delivery charges for Next Day Delivery:

FREE for order value £1000.00 and above

£15.00 for order value up to £1000.00

Carriage and Delivery (continued)

Economy Delivery Service

The 48 hour service accommodates deliveries throughout all of the UK that are not quite as urgent but still need to get there within 48 hours. This provides a more cost-effective option but still offers the same security and customer service.

Delivery charges for Economy Delivery:

FREE for order value £1000.00 and above

£10.00 for order value up to £1000.00

With all delivery options, irrespective of order value, an additional surcharge of £39.50 is applicable for orders containing lengths of Gerpex 4m bars (please see page 14). Any deliveries for 4m bars beyond a 100 mile radius from our warehouse (OX29 5UX) would be subject to individual quote.

With all delivery service options, if we cannot deliver to the required postcode on the required date, we will inform you.

- Please note, orders must be received before 2.30pm in order to arrange Next Day Delivery Service.
- Please indicate which delivery service you require on your purchase order, inclusive of the cost.
- EMMETI UK reserve the right to charge the purchaser for failed deliveries, which have occurred through no fault of EMMETI UK.
- EMMETI UK cannot be held responsible or accept claims for consequential loss as a result of a failed delivery where you have provided incorrect or insufficient delivery details or for reasons beyond our control, eg. weather or vehicle breakdown.

Customer Collections

Our warehouse can accommodate customer collections based on the following terms:

EMMETI UK will provide the customer with an order confirmation, notifying the customer of:

- Date/time from when your order will be ready to collect from the address shown below
- The number of pallets (or parcels) that your order contains.

The customer shall:

- Present a copy of the EMMETI UK order confirmation upon collection from the address shown below
- Accept responsibility to organise a suitable vehicle to collect the goods. Failure to do this, may result in the collection being aborted. Should this be the case, EMMETI UK can arrange delivery of the order; please request a quote from EMMETI UK.

Please note, same day collections may be declined subject to time constraints.

Collection address: Oxford Carriers, Unit 25 Stanton Harcourt I.E, Stanton Harcourt, Witney, OX29 5UX.

Product Queries

Please call **(+44) 01993 824900** from 8.30am to 5pm, Monday to Friday except bank holidays.

Our internal sales team will be pleased to answer your product queries and where applicable, our technical or external sales team are available to answer your technical queries.

If you wish to discuss your requirements with one of our sales team or arrange for them to call and see you, please contact us on the above number for details of the member of our team best able to help you.

For full terms and conditions see page 147.

Terms and Conditions

1. General

- A. "The Company" means EMMETI UK Limited.
- B. All orders will be deemed to be binding under these terms and conditions.
- C. These terms may only be varied with the express written agreement of The Company.
- D. An order will be deemed to exist once the purchaser has accepted a quotation.
- E. A quotation is considered automatically to have been accepted immediately the purchaser takes delivery of all or part of the material.
- F. Minimum order value is £1000.00 from UK Warehouse.
- G. Minimum order value for direct shipment from factory gates is £5,000.00.
- H. A restocking charge of 25% of the value of the goods is to be applied for goods returned through no fault of EMMETI UK. A return reference number must be obtained from the EMMETI UK office. Returned goods cannot be accepted without return reference number - please contact us for authorisation.

2. Pricing and description of goods

- A. Prices are as quoted in The Company's catalogue and may be varied from time to time without notice.
- B. Prices do not include packing and delivery.
- C. Prices relate to the technical specification of the products described.
- D. The company reserves the right to amend prices at any time, including within the period of time between acceptance of the quotation by the purchaser and delivery.
- E. All price increases are considered accepted by the purchaser unless specific written notice is received by The Company.
- F. Data and information contained in The Company's brochures and advertising, shall be deemed to be approximate only unless confirmed in writing by The Company.
- G. The Company reserves the right to alter the specification of any goods without prior notice.

3. Delivery and passing of title of any goods

- A. Prices quoted are ex-works, packing and delivery are charged and shown separately.
- B. The Company cannot be held responsible or accept claims for consequential loss as a result of a failed delivery where the purchaser provided incorrect or insufficient delivery details or for reasons beyond our control, eg. weather, vehicle breakdown etc.
- C. The purchaser entrusts The Company to negotiate on his behalf and completely independently, transportation and other ancillary services and the procedures for their implementation, including insurance for shipping of goods.
- D. Delivery of the goods shall be deemed to take place when they are actually delivered to the purchaser or his representative at their respective premises.
- E. Risk as to loss and damage to the goods shall pass to the purchaser immediately after the goods have been delivered.
- F. The purchaser must inform The Company in writing of any shortages, defect or damage to the goods within 8 working days of delivery.
- G. The ownership of any goods shall remain with The Company until payment in full for all the goods has been received.
- H. Until such time as full payment for any goods has been received, The Company reserves the right to dispose of the goods.
- I. If at any time payment for any goods is overdue, The Company may enter upon the purchaser's premises by its servants or agents and recover and dispose of the goods and the purchaser shall make no claim against The Company in respect of such entry or disposal.
- J. The purchaser, may in the ordinary course of business, mix the goods with other objects or convert the goods into other objects whether by the process of manufacture or otherwise and whether or not such mixture or conversion renders the goods unidentifiable. In such case, the mixture or the converted goods as the case may be shall forthwith pass to The Company and remain with The Company from the moment of mixture or conversion until the purchaser has paid all sums whatsoever due to The Company.

4. Payment

- A. All prices are exclusive of Value Added Tax.
- B. Prices ruling at the time of despatch shall apply.
- C. Payment terms are strictly end of month following for approved credit customers otherwise payment in advance, by arrangement.
- D. The purchaser may not make any exceptions to delay payment.
- E. Failure to pay within the standard terms will lead to an interest charge on arrears of 1% per month plus bank charges.

5. Warranty

- A. In the case of goods manufactured by The Company, these are guaranteed free of manufacturing defect for 24 months from the date of delivery.
- B. During the warranty period, The Company shall replace or remedy any defects in the goods arising out of defective materials or workmanship, provided that the purchaser shall immediately give notice of such defects both verbally and in writing to The Company.
- C. The Company takes no liability or responsibility for accidental damage, incorrect installation or improper application outside the goods design capability.
- D. In the case of goods supplied by The Company, but not manufactured by it, The Company's liability shall be limited to such extent that it shall not be liable for any loss or damage beyond that for which The Company may be covered by the original manufacturer's guarantee.
- E. The Company reserves the right to accept returned goods when they are acknowledged by The Company as faulty within the terms of the warranty.
- F. EMMETI Installed Products - Field Problems - Reporting & Escalation Procedure - In the unlikely event you experience issues with products which have been installed within the warranty period, please contact our internal sales team in the first instance - 01993 824900. You will be issued with a unique reference number which must be quoted in all communication.

6. Force majeure

- A. The Company shall do all in its power to perform to the terms of any contract of which these conditions form part and in particular to meet all delivery dates but shall not be liable for any failure to observe or breach of any of the terms hereof by reason of acts of God, war, riots, civil commotion's, strikes, lock-outs, trade disputes, fires, breakdowns, interruptions of transport, governmental action, delay in delivery, by The Company's suppliers or any other cause whatsoever beyond its control.
- B. In such circumstances, where the goods are in transit, either The Company or the purchaser may terminate the unperformed part of any contract of which these conditions form part by notice in writing delivered to the other party hereto within 14 days of The Company giving written notice to the purchaser of the occurrence of such action or circumstances as makes The Company fail to observe or break the terms hereof.

7. Cancellation

- A. If the purchaser shall fail to make any payment when it becomes due or shall enter into any composition or arrangement with its creditors or if being an incorporated company it shall have a Receiver appointed or shall pass a resolution the winding up or a court shall make an order to that effect or if not being an incorporated company shall have a receiving order made against it or if there shall be any breach by the purchaser of any terms or conditions hereof, The Company may defer or cancel any further deliveries and treat the contract of which these conditions form part as determined but without prejudice to its rights to any unpaid purchase price for goods delivered and to damages for any loss suffered in consequence thereof.

8. Operation of law

These conditions shall be construed and the rights of the parties hereto shall be regulated by the Laws of England and Wales. EMMETI UK reserves the right to change products due to every technical or commercial need at any moment and without notice. EMMETI UK is the exclusive owner of the pictures, text contained in all EMMETI published documentation, any kind of duplication is forbidden unless written authorisation is released by EMMETI UK.



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