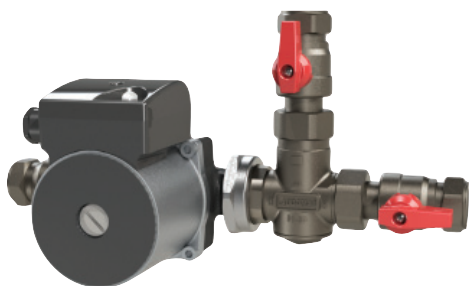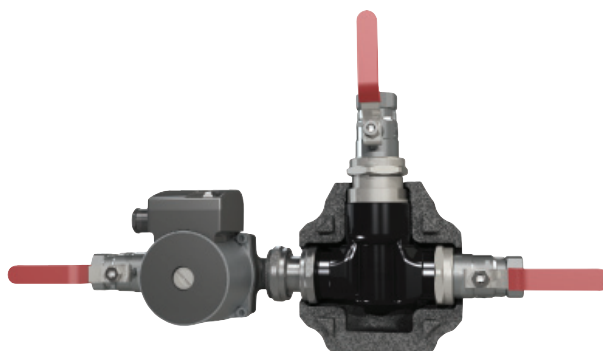# LADDOMAT® 11-Series

Thermal charging and anti-condensation unit

Laddomat 11-30

Laddomat 11-200

Laddomat 11 is easy to install and ensures perfect charging of the tank.

Thanks to efficient hot water control, Laddomat 11 can have a higher opening temperature at higher boiler output compared to other similar products.
The regulation kit in Laddomat 11-200 is the same as in our Laddomat 21-series.

Laddomat 11 raises the return temperature to the bottom of the boiler. This prevents corrosion and tar formation, which extends the service life of the boiler significantly.

Laddomat 11 enables the boiler to attain working temperature in a very short time. This improves the boiler efficiency.

Laddomat 11 charges the storage tank by means of a slow flow of hot water. A thin boundary layer in the storage tank is necessary for an effective, easy-to operate boiler system. With Laddomat 11 layering is optimal.

During the final part of firing, Laddomat 11 charges the storage tank fully, thanks to the unique thermal valve, which closes the bypass port completely.
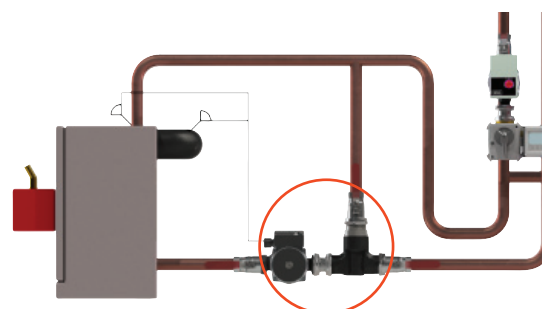
Simple dimensioning - Laddomat 11 fits all boilers with maximum output up to 60/185 kW.

Laddomat 11 is supplied with ball valves to facilitate any servicing without having to drain the system.
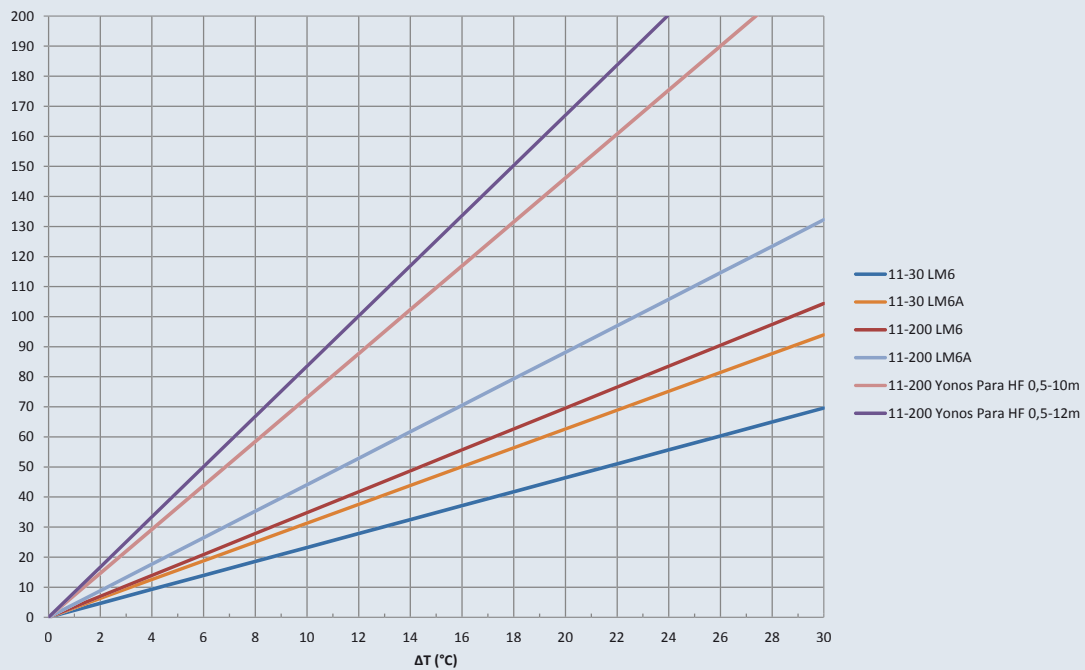
EPP insulation fitted as standard in the Laddomat 11-200.
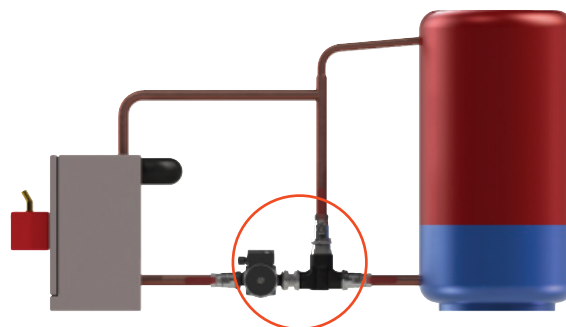
Laddomat 11 placed by the boiler or the accumulator

Installation example without accumulator.

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ΔT = Temperature difference in/out of boiler

Technical data 11-30

Thermostat cartridge:	53°, 57°, 63°, 66°, 72°, 78°, 83° or 87°C
Pump:	6 m (non EU)
	6 m ErP
Connection:	Cu22
	R25
Max. boiler output:	**60 kW** (see diagram above)

Technical data 11-200

R32-R40 adapter
R32-R50 adapter

Thermostat cartridge:	53°, 57°, 63°, 66°, 72°, 78°, 83° or 87°C
Pump:	6 m (non EU)
	6 m ErP
	10 m ErP
	12 m ErP
Connection:	Cu28
	R32, with thermometer pocket
Max. boiler output:	**185 kW** (see diagram above)
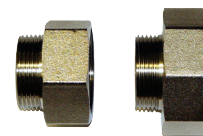
Accessories 11-200

Connection:	R40 adapter kit, 3 pcs
	R50 adapter kit, 3 pcs
Check valve:	Built-in
Thermometers:	For R32 connections

Connection

Built-in check valve

Thermometer for R32

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