Declaration of performance

No. 003-TKH-2015

Harmonious standards EN442-1:1995 + A1:2003 and EN442-2:2003

1) Unique identification code of the product-type:

TKH-13

2) Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article:

TKH-13

3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Floor convector for room heating

4) Name, registered trade name or registered trade mark and contact address of the manufacturer:

Lindab IMP Klima, d.o.o.
Godovič 150, 5275 Godovič, Slovenija, T:053743 000, E: imp-klima@lindab.com

5) System or systems of assessment and verification of constancy of performance of the construction product:

System 3

6) Declared performance:

Table of heating powers according the catalogue: Technical catalogue Floor convectors

7) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in in point 4.

Signed for and on behalf of the manufacturer by:

Program manager Floor convectors: Uroš Bogataj

Godovič, 23. 7. 2015

Lindab®

Lindab IMP Klima d.o.o.
Slovenija 26

Lindab IMP Klima d.o.o.
Godovič 150
SI – 5275 Godovič
Tel.: +386 5 3743 000
Fax: +386 5 3743 082
imp-klima@lindab.com

Lindab®
IMP Klima

Floor convectors with forced convection for cooling and heating TK-13

Product description: In summer time the TKH-13 floor convector draws in warm air from the areas around windows or hot walls, cools it and feeds back into the room. This reduces heat gains in the room. In the cooling process, a part of moisture is extracted from the air, the dehumidified air contributes to the thermal comfort. In winter time is the TKH floor convector applied for heating, like TKV-13 floor convectors, the difference appears in the direction of warm air: it heats cold air from the window area and returns it into the room.

Essential characteristics	**Performance**	**Harmonised technical specification**
Fire resistance	A1	EN 442-1/A1
Contents of hazardous substance	None	EU 76/769
Maximum operating pressure	11 bar	EN 442-1

Housing length 1250 mm, height = 140 mm, width 340 mm	2-pipe system, fan Ø45 mm	2-pipe system, fan Ø60 mm	
Standard heating power Δ50K- Q_{50} (medium fan speed)	Q_{30} = 1226 W Q_{50} = 2120 W	Q_{30} = 1899 W Q_{50} = 3283 W	EN 442-1
Heating characteristics	$Q=42{,}63^{*}\ \Delta T0^{0{,}993}$	$Q=66{,}01^{*}\ \Delta T^{0{,}993}$	EN 442-1

Housing length 1250 mm, height = 140 mm; width 340 mm	4-pipe system, fan Ø45 mm	4-pipe system, fan Ø60 mm	
Standard heating power Δ50K- Q_{50} (medium fan speed)	Q_{30} = 603 W Q_{50} = 1042 W	Q_{30} = 908 W Q_{50} = 1570 W	EN 442-1
Heating characteristics	$Q=12{,}05^{*}\ \Delta T^{0{,}992}$	$Q=31{,}57^{*}\ \Delta T^{0{,}993}$	EN 442-1

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Housing length 1250 mm, height=140 mm; width 400 mm	4-pipe system, fan Ø45 mm	4-pipe system, fan Ø60 mm	
Standard heating power Δ50K- Q_{50} (medium fan speed)	Q_{30} = 899 W Q_{50} = 1555 W	Q_{30} = 1364 W Q_{50} = 2359 W	EN 442-1
Heating characteristics	$Q=31,17^{*}\Delta T^{0,994}$	$Q=47,34^{*}\Delta T^{0,993}$	EN 442-1

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IMP Klima