

Data Sheet

Danfoss KnobPanel

Description



The Danfoss KnobPanel is a range of floor heating installation panels for 16 mm pipes.

The panel features a foil covering which ensure strength to the panel as well as prevent moisture from penetrating through the panel.

Pipes can be installed with a 50 mm interval and has an insulation thickness from 10 mm up to 38 mm which makes the panels suited for usage in both new built houses as well as renovation projects.

Ordering

Product	Code number
Danfoss Knobpanel 10 mm insulation	088X1041
Danfoss Knobpanel 21 mm insulation	088X1042
Danfoss Knobpanel 30 mm insulation	088X1043
Danfoss Knobpanel 38 mm insulation	088X1044

Tecnical data

Danfoss Code number	088X1041	088X1042	088X1043	088X1044
Panel type (mm)	10	21	30	38
Density (kPa) (at 10% compression)	200		150	
Material	EPS (Expanded Polystyrene)			
Total thickness	32	43	52	60
Insulation thickness (mm)	10	21	30	38
Panel width (mm)		800		
Panel length (mm)		1400		
For pipe dimension (mm)		16		
Thermal conductivity (W/mK)	0,033	0,034		
Thermal resistance (R)*	0,45	0,76	1,03	1,26
Foil material	Thermoformed film (HIPS High Impact Polystyrene)			
Foil color	Black			
Foil thickness (nm)	600			
Packaging method				
Panels per carton (pcs)	22	16	12	10
m ² per carton	24,64	17,92	13,44	11,2
Cartons per pallet (pcs)	5	5	5	5
m ² per pallet	123,2	89,6	67,2	56
Panels per pallet (pcs)	110	80	60	50

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