

# DHSU THIN-BED HEATING MAT SET

with clock thermostat, UP, self-adhesive, for installation in tile cement

EN/IEC 60335-2-96

**HEM-SYSTEM®** heating mats with a **one-sided connection** for installation in tile adhesive/or leveling compounds. Ideally suited to renovations of old buildings, new builds as well as for bathrooms, showers, living rooms, offices, etc. The sleeveless technology also makes it especially suitable for walk-in showers.

## The thin-bed heating mat set contains the following products:

- 1 HEM direct heating mat with a single connection 150 W/m<sup>2</sup> and 4.00 m connection
- 1 temperature control with self-learning clock thermostat and sensor, UP
- 1 sensor sleeve for the sensor pipe
- 1 sensor pipe for the room thermostat
- 1 switch
- 1 assembly instructions

Technical data	
Nominal voltage	230 volt
Output	150 W/m <sup>2</sup>
Cold connection	1 x 4.00 m
Minimum laying temperature	5 °C
Lowest bend radius	.6 x dA
Resistance tolerance	-5%/+10%
Approval	VDE
Cold/warm transition	seamless, without shrinking technology
Insulation	Fluoroplastic
Supply width	0.46 m
Calculation width	0.50 m
Protection type	IP67
Protection class	2

## 150 W/m<sup>2</sup> 230 V

DHSU thin-bed heating mats with one-sided connection				
Heating output W	Surface m <sup>2</sup>	Calculation width m	Mat length m	Order no.
150	1.00	0.50	2.00	30751-150 U-SET
225	1.50	0.50	3.00	30751-225 U-SET
300	2.00	0.50	4.00	30751-300 U-SET
375	2.50	0.50	5.00	30751-375 U-SET
450	3.00	0.50	6.00	30751-450 U-SET
525	3.50	0.50	7.00	30751-525 U-SET
600	4.00	0.50	8.00	30751-600 U-SET
675	4.50	0.50	9.00	30751-675 U-SET
750	5.00	0.50	10.00	30751-750 U-SET
900	6.00	0.50	12.00	30751-900 U-SET
1050	7.00	0.50	14.00	30751-1050 U-SET
1200	8.00	0.50	16.00	30751-1200 U-SET
1350	9.00	0.50	18.00	30751-1350 U-SET
1500	10.00	0.50	20.00	30751-1500 U-SET
1800	12.00	0.50	24.00	30751-1800 U-SET
2250	15.00	0.50	30.00	30751-2250 U-SET

Cold connection 1.00 m<sup>2</sup>-4.00 m<sup>2</sup> → 0.50 mm<sup>2</sup> | 4.50 m<sup>2</sup>-9.00 m<sup>2</sup> → 0.75 mm<sup>2</sup> | 10.00 m<sup>2</sup>-15.00 m<sup>2</sup> → 1.00 mm<sup>2</sup>  
Heat insulation in the floor area is a definite requirement.

## Accessories

Item name	Order no.
Cold connection for extension 3 x 1.00 mm <sup>2</sup> , 1.00 m, black	81302-1,00 BL/SW
Assembly sleeve (1x, assembled in the factory), for extension	26121
Aluminium sensor sleeve (ED 15.20 mm/ID 12.50 mm)	20079
Plastic switch box for room thermostat	20702
Sensor pipe for room thermostat, length: 2.50 m	20703
Clock thermostat	93089
Spare temperature sensor for clock thermostat	93089-Fuehler
Repair sleeves on request	

As a protective measure, we recommend residual-current-operated protective device (RCD < 30 mA).  
Extended cold connections are not accepted as returns.

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MADE BY HEMSTEDT



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