



Data Sheet

TX-SH Cables Storage Heating

General Information



Danfoss TX-SH (Storage Heating System) heating cables are energized to warm a thermal mass below the floor surface. Danfoss TX storage heating cables are the ideal way to take advantage of local on-peak and off-peak energy pricing. When the power system is in off-peak times, energy rates are lower. When on-peak times resume, the Danfoss TX system shuts off and the heat stored in the floor gently emanates across the floor surface for hours. The Danfoss TX Storage Heating System provides an energy efficient and cost effective method of heating, in a clean and silent manner.

- Twin conductor cable
- Single point connection
- Easy and flexible installation
- Durable construction
- Emits Zero EMF (Electromagnetic fields)
- Silent, efficient, automatic, and safe
- Lower capital and operating costs
- **Genuine 20-year, non-prorated warranty**

Specifications

Cable Construction:	Twin conductor
Rated Voltage:	240V Max
Output:	9W/ft. (35W/m)
Cable Length:	115 ft. (18 m) to 545 ft. (166 m)
Cold Lead:	20 feet (6.0 m)
Bending Radius:	Minimum 1.5 inches (38 mm)
Cable Diameter:	1/4 inch (6.5 mm)
Conductor Insulation:	Teflon™
Filler Sheath:	PEX
Outer Insulation:	PVC
Max. Temperature:	220°F (105°C)
Min. Installation Temp:	40°F (5°C)

See power lead label for NEC connection color code.

Ordering Information TX-SH Cables - 240V

Power leads are 20 feet in length.

4" centers provide approximately 27W/sq.ft.
5" centers provide approximately 22W/sq.ft.
6" centers provide approximately 18W/sq.ft.

Watt output of the 240V cable is reduced by 25% when operated at 208V (approximately 4.5W/ft.)

Part No.	Length (feet)	Approximate heat coverage (sq. ft.)			Watts (9W/ft.)	Amps
		4" spacing	5" spacing	6" spacing		
088L3723	115	40	50	60	1,083	4.5
088L3729	190	60	80	95	1,762	7.3
088L3733	240	80	100	120	2,150	9.0
088L3735	285	95	120	145	2,595	10.8
088L3737	330	110	140	165	3,031	12.6
088L3739	375	125	160	185	3,469	14.5
088L3741	425	140	175	210	3,865	16.1
088L3743	475	155	200	235	4,364	18.2
088L3745	545	180	225	270	5,009	20.9

COMFORT RADIANT HEATING



Thermostats

Part No.	Description
088L5132	Programmable Thermostat with Air Sensor (and floor temperature limiter)

Contactor Panels

Part No.	Description	Max. Amps	Coil Voltage	No. of Contactors
088L3450	Single Contactor, 600V	40	120	1
088L3451	Single Contactor, 600V	40	208-240	1
088L3456	Single Contactor, 600V	60	120	1
088L3457	Single Contactor, 600V	60	208-240	1
088L3441	Contactor Panel without timer, 600V	100	120	2
088L3443	Contactor Panel without timer, 600V	200	120	4

All contactors are complete with NEMA 1 enclosure
100A contactor/timer panels consist of two, 3P, 50A contactors
200A contactor/timer panels consist of four, 3P, 50A contactors

Warranty

Genuine 20-year comprehensive extended warranty against defects in material, design, and workmanship.

Technical Services

For technical questions, please contact **Comfort Radiant Heating, 888-448-0555**.
More information on Danfoss Electric Heating products is available at www.DanfossRadiant.com.

Danfoss can accept no responsibility for possible errors in catalogs, brochures, other printed materials, and website information. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alteration can be made without subsequent changes being necessary in specifications already agreed upon. All trademarks in this material are property of the respective companies. Danfoss and Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



Comfort Radiant Heating
Toll Free: 1-888-448-0555
Tel.: 518-373-5700
Fax: 518-373-0135
www.DanfossRadiant.com

Danfoss TX-SH
BRINGING WARMTH TO LIFE