



## ■ RADIANT FLOOR HEATING CABLES AND MATS

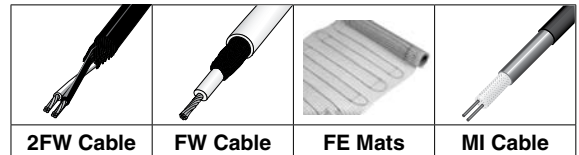
### F15A Electronic Floor Warming Thermostat With Built In GFCI



#### DESCRIPTION

The F15A electronic thermostat provides comfort control for in-floor electric heating systems. This unit is designed for both 120/240VAC, 50/60 Hz supply. Recommended for control of heating systems with minimum power consumption.

- Dual Voltage 120V and 240V
- Two Relays For Extra Protection Against Wiring Errors
- UL Recognized Waterproof Glass-Coated Sensor
- Screw Terminals Saves Time On Installation
- Pre-Programmed
- Inclined Display For Ease Of Viewing
- 120 And 240 In One Thermostat, Eliminates Voltage Incompatibility Situations
- Easy Switching Between °F And °C.



	2FW Cable	FW Cable	FE Mats	MI Cable
<b>Single-Point Power Connection</b>	Yes	No	No	Yes For Dual Conductor
<b>Number Of Conductors</b>	2	1	1	1 or 2
<b>Custom Built To Order</b>	No	No	No	Yes
<b>Operating Voltages</b>	120, 208, 240,277	120, 208, 240	120 And 240	12 - 480
<b>Cable Spacing In. (cm)</b>	3" - 4" (8 - 10)	6" (15)	2" (5)	6" - 9" (15 -23)
<b>Max. Watts Per Sq. Ft. (Sq. m)</b>	12 - 15 (39 - 49)	12 - 15 (39 - 49)	15 (49)	12 - 15 (3 - 79)
<b>Min. Depth Of Embedding Material In. (cm)</b>	.25" (.6)	.5" (1)	.25" (.6)	.75" (2)
<b>Minimum Coverage Area For Single Cable Or Mat</b> (that is stocked by Delta-Therm, other sizes available upon request)				
<b>At 120VAC Sq. Ft. (Sq. m)</b>	8 (.75)	15 (1.4)	11 (1)	Call
<b>At 240VAC Sq. Ft. (Sq. m)</b>	24 (2.2)	30 (2.8)	Call	Call
<b>Maximum Coverage Area For Single Cable Or Mat</b> (that is stocked by Delta-Therm, other sizes available upon request)				
<b>At 120VAC Sq. Ft. (Sq. m)</b>	63 (5.9)	100 (9.3)	108 (10)	400 (37.2)
<b>At 240VAC Sq. Ft. (Sq. m)</b>	124 (11.5)	180 (16.7)	Call	400 (37.2)
<b>Acceptable Embedding Material</b>				
<b>Thinset</b>	Yes	Yes	Yes	Yes
<b>Self Leveling Compound Or Light-Weight Concrete</b>	Yes	Yes	Yes	Yes
<b>Gravel-Pea Concrete</b>	Yes	Yes	Yes	Yes
<b>Concrete</b>	No	No	No	Yes
<b>Attachment Method Used To Hold Cable In Place During Embedding</b>				
<b>ClipStrip Strapping</b>	Yes	No	No	No
<b>Floor Clips and Screws</b>	Yes	Yes	Yes	Yes
<b>Aluminum Heat Transfer Tape</b>	Yes	Yes	Yes	Yes
<b>Tie To Rebar</b>	No	No	No	Yes
<b>Acceptable Subfloor Material</b>				
<b>Plywood</b>	No	Yes	Yes	Yes
<b>Concrete</b>	Yes	Yes	Yes	Yes
<b>Backerboard</b>	Yes	Yes	Yes	Yes
<b>Acceptable Floor Covering</b> The r-value of the floor covering (including carpet and the padding) should be below 2.5" (6cm)				
<b>Ceramic Tile</b>	Yes	Yes	Yes	Yes
<b>Porcelain Tile</b>	Yes	Yes	Yes	Yes
<b>Marble</b>	Yes	Yes	Yes	Yes
<b>Stone</b>	Yes	Yes	Yes	Yes
<b>Hardwood</b>	Yes	Yes	Yes	Yes
<b>Engineered Hardwood</b>	Yes	Yes	Yes	Yes
<b>Vinyl</b>	Yes	Yes	Yes	Yes
<b>Carpet</b>	Yes	Yes	Yes	Yes
<b>Concrete</b>	No	No	No	Yes
<b>Approvals</b>	UL	CSA	UL <sub>us</sub>	UL
<b>Warranty</b>	10 Years	5 Years	10 Years	10 Years