FLH 045 – FLH 150
Radiant Heaters



- FLH radiant heaters are used in combination with a thermostat or hygrostat, predominantly for the avoidance of excessively low temperatures or excessively high humidity in the control cabinet.
- Different performance ratings from 45 to 150 Watts ensure that the correct heating power is always available. The total required heat can be distributed in a control cabinet according to needs.
- Available with either terminal or connecting cable.

Data	FLH 045	FLH 060	FLH 075	FLH 100	FLH 150	Unit
Part number with terminal	17004505007	17006005007	17007505007	17010005007	17015005007	
Heating performance (Ta = +68 °F/+20 °C)	45	60	75	100	150	W
Max. surface temperature	221 (105)	221 (105)	248 (120)	266 (130)	302 (150)	°F (°C)
Power consumption	45	60	75	100	150	W
Starting current	1.8	2.5	4.5	5.0	7.5	A
Sytem of protection for intended purpose of use	IP20 (plug terminal connector)					
Weight		450	510	510	770	g
Rated voltage	230 V AC 50 / 60 Hz					
Functional range	110 - 250 V AC 50 / 60 Hz					
Duty cycle	100%					
Operating temperature range	--40 … +158 (-40 … +70)					°F (°C)
Storage temperature range	--40 … +158 (-40 … +70)					
Installation orientation	as desired, preferably vertical					
Device construction	aluminum profile, brightly anodised					
Type of mounting	snap fastening for 35mm profile bars according to EN 60715					
Protection class	I					
Connection	plug terminal connection					
Clamping range of connecting terminal	single wire: 2 x 0.5 - 2.5 mm², fine-stranded: (tinned, with ferrule, with pin cable lug) 2 x 0.5 - 1.5 mm²					
Approval	UL, cUL, CE					

Accessories	Piece	Part number	Information on page
Thermostat	1	17111000010	
Hygrostat	1	17207000000	

Approvals see page 168

Dimensions

Dimension	FLH 045	FLH 060 - 100	FLH 150
	inches (mm)		
X	2.76 (70)	2.76 (70)	2.76 (70)
Y1	2.56 (65)	5.51 (140)	8.46 (215)
Y2	1.38 (35)	1.38 (35)	1.38 (35)
Z	1.97 (50)	1.97 (50)	1.97 (50)
L	19.68 (500)	19.68 (500)	19.68 (500)

