

# Compact Fan Heaters



## FCH-FGC1 Series



- ✓ High Power Output (60 to 230W) to Small Size
- ✓ Lightweight
- ✓ Simple Installation
- ✓ Pre-Wired
- ✓ Separate Fan Operation Possible

- Applications**
- ✓ ATM's, Ticket Machines, Parking Ticket Terminals, Access Systems, Fuel Dispensers, Energy Ports, Building-Safety Systems, Building-Management Systems, and Landscaping Systems



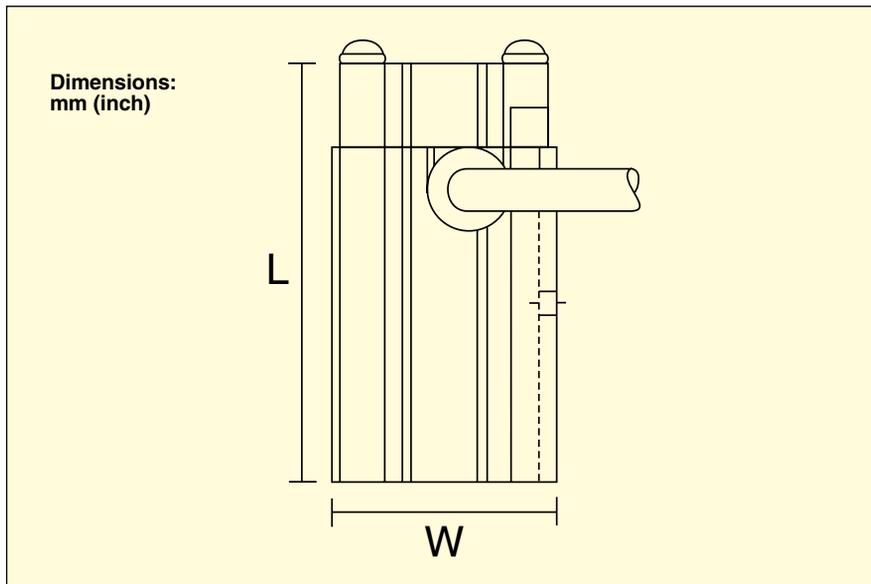
FCH-FGC15012R shown smaller than actual size.

This range of fan heaters uses Positive Temperature Coefficient (PTC) ceramic heating technology to provide the user with a product ideally suited to climate control. The heater can be controlled independently to the fan, allowing a "fan-only" mode for air circulation.

The product has been designed, and approved, for build-in applications. It has a robust construction utilizing two anodized aluminum extrusions, coupled to a 40 mm (1.6") fan. The heating element is a PTC heater.

## Specifications

Model No.	FCH-FGC10022R, FCH-FGC10262R	FCH-FGC10072R, FCH-FGC10312R	FCH-FGC15012R, FCH-FGC15132R	FCH-FGC15022R, FCH-FGC15142R	FCH-FGC15072R, FCH-FGC15152R
Nominal Power at 10°C	60W	100W	150W	200W	230W
Typical Maximum In-Rush Current (A) RMS at 12 Vac	6.5	—	10	9	9
Typical Maximum In-Rush Current (A) RMS at 24 Vac	7.5	—			
Typical Maximum In-Rush Current (A) RMS at 115/230 Vac	1.5/5	1.5/4.5	—	—	—
Fan Volumetric Flow (m³/hour)	13.6	12.4		17	
Fan Lifetime—L10 at 40°C (Hours)	120,000				50,000
Fan Operating Temp Range °C (°F)	-10 to 70 (14 to 158)				-20 to 60 (-4 to 140)
Nominal Input Voltage (Fan)	12 DC, 12 AC or 24 AC/DC				
Nominal Input Voltage (Heater)	12 or 24 AC/DC or 115/230	115/230			
Dimensions (W): mm (inch)—Cross Section	42 x 42 (1.7 x 1.7)				
Length (L): mm (inch)	72/77 (2.8/3)	77 (3)	112 (4.4)	122 (4.8)	
Weight: g (oz)	175 (6.2)		260 (9.2)	275 (9.7)	
Finger Guards at Outlet (High Voltage Supply)	Yes				



To Order	
Model No.	Description
FCH-FGC10022R	60W, 12V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC10072R	100W, 115/230V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC10262R	60W, 24V heater, 24 Vac/Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC10312R	100W, 115/230V heater, 24 Vac/Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC15012R	150W, 115/230V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC15022R	200W, 115/230V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC15072R	230W, 115/230V heater, 24 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC15132R	150W, 115/230V heater, 24 Vac/Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC15142R	200W, 115/230V heater, 24 Vac/Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC15152R	230W, 115/230V heater, 24 Vac/Vdc fan, 600 mm (24") lead with DIN and outlet finger guard

Comes complete with operator's manual.

**Ordering Example:** FCH-FGC10072R, compact fan heater, 100W, 115/230V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard.