



# Compact Fan Heaters

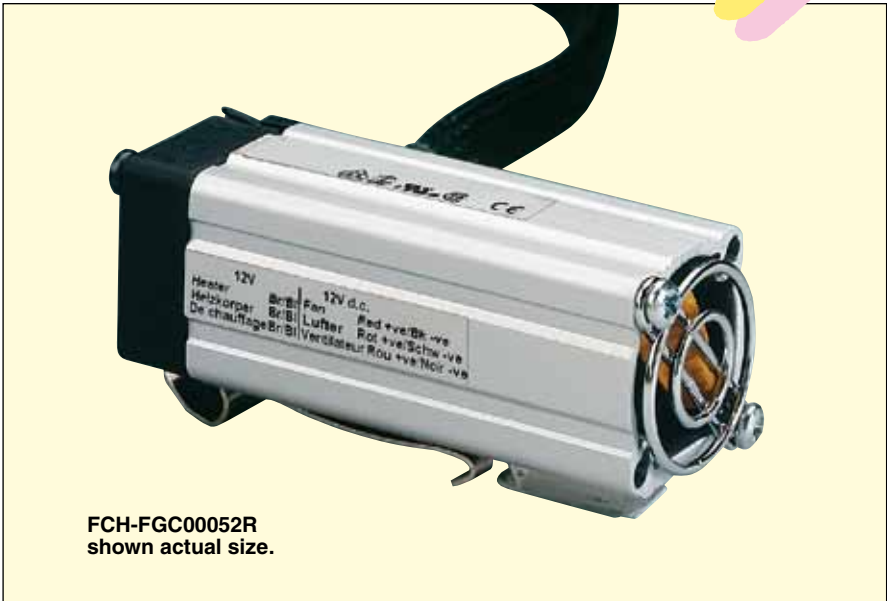
## FCH-FGC0 Series



- ✓ High Power Output (10 to 40W) 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-FGC00052R  
shown 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. There are nine variants, giving different power and supply voltage capability.

The product has been designed, and approved, for build-in applications. It has a robust construction utilizing two anodized aluminum extrusions, coupled to a 25 mm (1") fan. The heating element is a PTC heater.

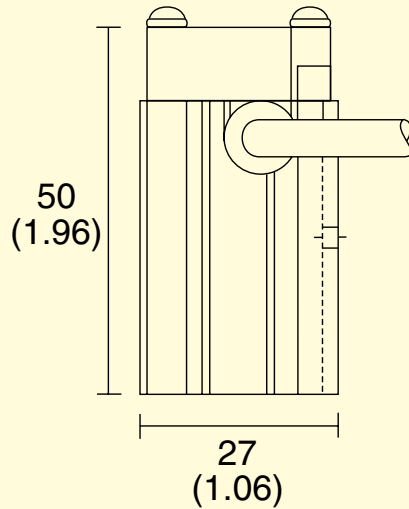
### Specifications

Model No.	FCH-FGC00042R	FCH-FGC00052R, FCH-FGC00182R	FCH-FGC05032R, FCH-FGC05242R, FCH-FGC05272R
Nominal Power at 10°C	10W	20W	40W
Typical Maximum In-Rush Current (A) RMS at 12 Vac	1.5	3	5
Typical Maximum In-Rush Current (A) RMS at 24 Vac	1.3	3	9.5
Typical Maximum In-Rush Current (A) RMS at 115/230 Vac	—	—	1/3.5
Electrical Protection Class	III/SELV		I
Ingress Protection	IP20		
Fan Volumetric Flow (m³/Hour)	5.1		
Fan Lifetime—L10 at 40°C (Hours)	120		
Fan Operating Temperature Range	-10 to 70°C (14 to 158°F)		
Nominal Input Voltage Fan (V)	12 DC, 12 AC or 24 AC/DC		
Nominal Input Voltage Heater (V)	12 DC, 12 AC or 24 AC/DC		12 DC, 12 AC or 24 AC/DC or 115/230
Dimensions, Cross Section: mm (inch)	26 x 27 (1 x 1.1)		
Length: mm (inch)	50 (2)		72 (2.8)
Weight: g (oz)	60 (2.1)		90 (3.2)

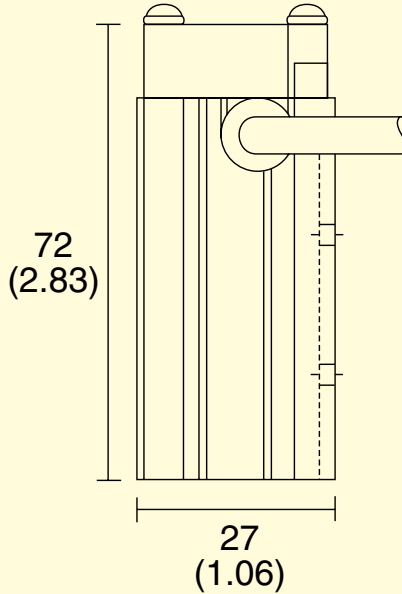


Dimensions: mm (inch)

FCH-FGC00042R  
FCH-FGC00052R  
FCH-FGC00182R



FCH-FGC05032R  
FCH-FGC05242R  
FCH-FGC05272R



## To Order

Model No.	Description
FCH-FGC00042R	10W, 12V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC00052R	20W, 12V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC00182R	20W, 24V heater, 24 Vac/dc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC05032R	40W, 12V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC05242R	40W, 24V heater, 24 Vac/dc fan, 600 mm (24") lead with DIN and outlet finger guard
FCH-FGC05272R	40W, 115/230V heater, 24 Vac/dc fan, 600 mm (24") lead with DIN and outlet finger guard

Comes complete with operator's manual.

**Ordering Example:** FCH-FGC00042R, compact fan heater, 10W, 12V heater, 12 Vdc fan, 600 mm (24") lead with DIN and outlet finger guard.