

# Compact Fan Heaters



## FCH-FGC2 Series



- ✓ High Power Output to Small Size
- ✓ Lightweight
- ✓ Simple Installation
- ✓ Screw Terminals for Easy Wiring

Forced convection heating elements provide the necessary heat and airflow while keeping the footprint to a minimum. These heaters feature a Positive Temperature Coefficient (PTC) core encased by an aluminum heat sink, specifically designed to maximize the heat dissipated into the airflow which is provided by the integrated fan. OMEGA has several series available that are certain to provide the correct combination of size, heat output and airflow for your application.



FCH-FGC20002R shown smaller than actual size.

## Specifications

Model No.	FCH-FGC20002R, FCH-FGC20022R	FCH-FGC20012R, FCH-FGC20032R
Nominal Power at 10°C (50°F)	300/600W	450/800W
Recommended Fuse at 115V/230V Time Delay Amps	5	6
Typical Maximum In-Rush Current (A) RMS at 230 Vac	10	11
Typical Maximum In-Rush Current (A) RMS at 115 Vac	15	14
Maximum at Body Temperature (°C)	55	80
Electrical Protection Class	I	
Ingress Protection	IP20	
Operating Temperature Range °C (°F)	-40 to 50 (-40 to 122)	
Fan Volumetric Flow (m <sup>3</sup> /hour)	31 to 35	
Fan Life Time—L10 at 40°C (hours)	43,500	
Nominal Input Voltage (Depending on Variant)	115/230 Vac	
Dimensions, Cross Section: mm (inch)	82 x 110 (3.23 x 4.33)	
Length: mm (inch)	150 (5.91)	
Weight: g (oz)	785 (27)	
Finger Guards at Inlet and Outlet	Yes	

## To Order

Model No.	Description
FCH-FGC20002R	300/600W, 115V, with DIN clip
FCH-FGC20012R	450/800W, 115V, with DIN clip
FCH-FGC20022R	300/600W, 230V, with DIN clip
FCH-FGC20032R	450/800W, 230V, with DIN clip

Comes complete with operator's manual.

Ordering Example: FCH-FGC20002R, compact fan heater, 300/600W, 115V, with DIN clip.