

5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

Available With Setback On Demand (SD) Thermostat Factory Installed

18



5100 SD Features

- 24-Volt Control
- Factory pre-programmed - just set your setback temperature in the field
- Setback feature allows up to 12 degree setback with easy-to-use adjustable slide switch
- Occupancy sensor defaults to economy mode after one hour, sensor has 94 degree angular range and a 16' linear range
- Temperature range of 50-90 degrees
- Up to two stage operation on 5103-5150 Series and up to four stages on 5160-51100 Series
- 65-second delay between stages
- Add "SD" as suffix to heater model number for factory built in option



5100 Series 60 KW - 100 KW Suspended Fan Forced Unit Heater

Mounting Brackets and Accessories



Mounting Brackets			
MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	DESCRIPTION
07220002	A5175	60 To 70	Wall/Ceiling Bracket
07220102	A51100	80 to 100	
07220302	B5175	60 to 70	Heater Bracket
07220402	B51100	80 to 100	
07220202	V51100	60 to 100	Vertical Bracket
07220502	DS5175	60 to 70	Dust Shield
07220602	DS51100	80 to 100	
07220902	OFG 5175	60 to 70	Fan Guard
07221002	OFG 51100	80 to 100	



Dimensions

Dimensions (Inches)				WT. (LBS)
KW	H	W	D	
60-70	35 ½	30 ½	14 ½	141
80-100	39 ½	37 ¾	18 ½	202

Features & Specifications

CONSTRUCTION:

Heavy gauge steel cabinet with powder coated finish and control compartment housing a master terminal board. The control compartment allows for access through a hinged and latched door, simplifying wiring, installation, and maintenance. Made in U.S.A

HEATING ELEMENT:

The heating element is a copper clad steel sheath element with continuously brazed steel fins formed to allow side draw through air flow.

OVERHEAT PROTECTION:

All units come equipped with manual reset type limit controls to de-energize the heater should an over-temperature situation occur.

FAN & MOTOR:

Single speed, single phase permanently lubricated, thermally protected motors with ball bearings. The fan override purges the unit of residual heat at shutdown.

FIELD INSTALLED OPTIONS:

Summer fan switch to operate the fan only, and a heat stratification thermostat for high bay areas.

HEATER STAGING:

60 KW and 70 KW are three stage; 80 KW, 90 KW, & 100 KW are four stage.

SC5100 FACTORY INSTALLED ELECTRONIC STEP CONTROLLER:

The optional factory installed step controller is a first on last off sequencer that will cycle the unit heater stages through an optional wall thermostat. Additionally, the step controller can be controlled by any building management system with 4 to 20 MA or 0 - 10 VDC field supplied control signal.