

5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

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3.3 KW THROUGH 50 KW SUSPENDED FAN FORCED UNIT HEATERS AVAILABLE IN 1 OR 3 PHASE FOR ALL STANDARD VOLTAGES FROM 208V TO 480V THAT CAN BE MOUNTED TO PROVIDE HORIZONTAL OR VERTICAL DISCHARGE.



Horizontal Discharge



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.



Vertical Discharge

CONSTRUCTION:

Heavy 18 gauge welded steel cabinet with powder coated finish and control compartment housing a master terminal board with a hinged and latched access door, simplifying wiring, installation & maintenance.

HEATING ELEMENT:

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 automatic reset type limit controls to de-energize the heater should an over-temperature situation occur.

FAN and MOTOR:

Totally enclosed, 1-speed, 1-phase, permanently lubricated, thermally protected motors with unit bearings on 3 KW - 20 KW models. Totally enclosed, 2-speed, 1-phase, permanently lubricated, thermally protected motors with sleeve bearings on 25 KW - 50 KW models. All motors mounted with rubber insulators to minimize vibration & noise. Fan over-ride purges unit of residual heat at shutdown.

LOUVER ASSEMBLY:

Louvers are individually adjustable for directional control of air flow up to 15° from straight horizontal. Optional diffusers available for down flow (vertical discharge) applications.

TEMPERATURE CONTROLS:

Optional low voltage and line voltage thermostats available with an adjustable temperature range of 40°F to 110°F. Units with model numbers ending in CA1 are factory wired for low voltage controls. 25 KW through 50 KW units are designed for two stage heating operation.

INSTALLATION:

Unit Heaters can be mounted for horizontal or vertical discharge. Applications up to 6000 Ft. See UH Series above 6000 Ft.

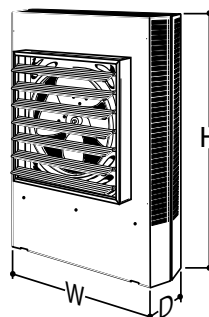
FEATURES:

- Made in U.S.A.

FIELD INSTALLED OPTIONS:

- In-unit or wall mounted temperature control thermostats low or line voltage.
- Summer fan switch to operate the fan only.
- Power disconnect switch.
- Heat stratification thermostat.

Taskmaster Dimensions



KW RATING	DIMENSIONS (inches)		
	H	W	D
3.3 - 5.0	17 ¾	14 ½	6 ½
7.5 - 10.0	24 ¾	21 ½	6 ½
15.0 - 20.0	28 ½	21 ½	6 ½
25.0 - 50.0	34	29 ¼	10 ¼



DOUBLE EAGLE SAVINGS PART 1: A free SDHW1001 thermostat will be shipped no charge with each 5100/2600 heater with low voltage control option - almost a \$400 list option!

DOUBLE EAGLE SAVINGS PART 2: Your Customer can save energy every day by utilizing the 12 degree setback option on the SDHW1001. You can also utilize up to four stage control on appropriate heater models - only using the energy you need!

Installing the Taskmaster Series

DETERMINING HEATER REQUIREMENTS

Calculate the heating loads using the NEMA handbook or ASHRAE guide. Then determine the quantity and size of unit heaters to be used. To maintain uniform heat and reduce stratified air, it is recommended that the total CFM of the units turn the air over approximately 3 times per hour. In instances where a large group of people are located and normally in the same area, use a large number of lower KW unit heaters. In warehouse areas or storage rooms where heat distribution and constant temperatures are less important, use fewer heaters of higher capacity.

HORIZONTAL MOUNT

Small rooms can be heated by one unit heater. Where two walls are exposed, heaters should be mounted as shown in Figure A. In larger rooms, units should be located so their air streams wipe exposed walls without blowing at them. Units should be located so that the air stream of one supports that of another thus setting up a circulatory air movement shown in Figure B. (Distance between units to be approximately 1-1/2 times published air throw.) Units should not be mounted horizontally in areas having ceiling heights in excess of 15-18 ft.

VERTICAL MOUNT

Units should be mounted vertically in high bay areas, or where heater location would not interfere with plant operation or traffic. Heaters should be situated to provide free air circulation. Size and selection of units should be based on recommended mounting height. Optional diffusers may best be employed to reduce high air velocity and at the same time disperse heated air in a uniform pattern. When unit heaters are used to combat cold air inrush from opened loading dock doors, one or more units should be arranged to blow warm air across opening (Figure C).

DUAL MOUNTING

Where square footage is large and comfort essential, both horizontal and vertical installations may best serve your requirements as Figure D demonstrates.

Note: Products in this section with factory installed controls are subject to 100% cancellation/restocking charges.

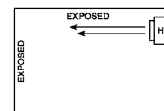


Figure A

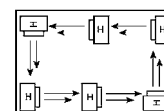


Figure B

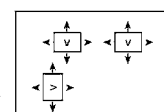


Figure C

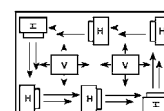


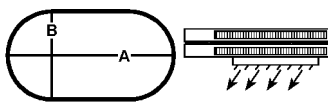
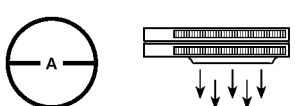
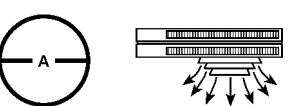
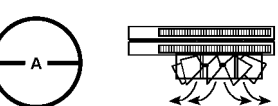
Figure D

5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

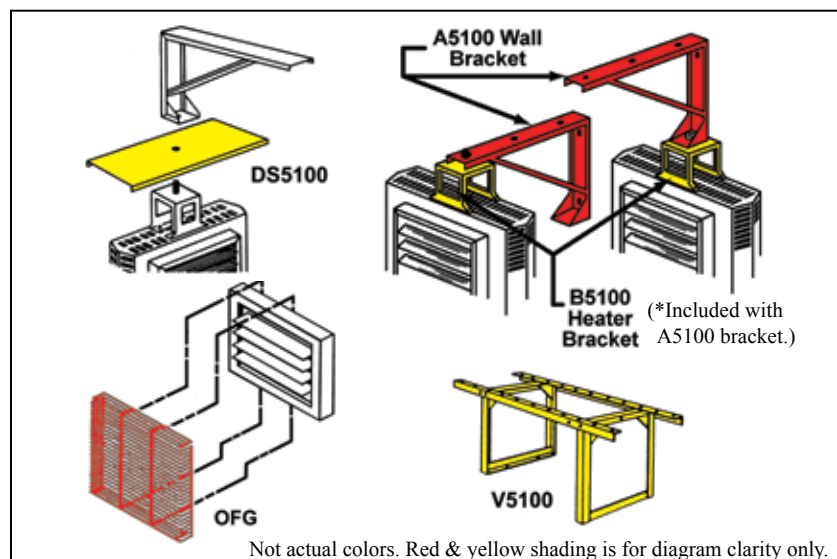
Diffuser Options

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DESCRIPTION		MFG CATALOG NUMBER	MFG MODEL NUMBER	KW USED	MAX MOUNTING HEIGHT (ft.)		DIMENSION A (feet)		DIMENSION B (feet)	WT. (LBS)	LIST	
1	Louver Diffuser (Standard). Louvers can be individually adjusted for rectangular coverage over doorways as an air curtain, or to meet rectangular floor pattern heating requirements.	NA	Standard	3.3-5	9	20		10	NA	NA		
				7.5-10	12	40		22				
				25-30	18	52		30				
				40-50	22	75		42				
				24	84		47					
2	General Distribution (No Diffuser). The 5100 air chute venturi permits general down flow air pattern distribution as required at a higher mounting height.	NA	Not Required	3.3-5	9	15		NA	NA	NA		
				7.5-10	12	30					NA	
				25-30	18	40						
				40-50	22	55						
				24	64							
3	Anemostat Diffuser (Optional). For applications where draft restriction is required at lower unit mounting heights.	06926802 06811802 06811802 07220702	AD5120 AD5150 AD5150 AD5175	7.5-10	15	38		NA	10	465		
				25-30	17	50			12	694		
				40-50	20	60			37	747		
				60-70	31	-						
4	Radial Diffuser (Optional). Individually adjustable fins permit increased floor coverage at 45° open. Additional throw is accomplished when fins are 90° vertical. (Please allow for higher mounting heights.)	06926602 06926602 06926702 06926702 07220802	RD5120 RD5120 RD5150 RD5150 RD5175	7.5-20	45°	90°	45°	90°	NA	12	515	
					10	14	36	30		NA		
				25-50	14	21	42	35			14	604
					20	30	62	44			NA	
					18	28	68	54				39
				60-70	26	36	72	60				

 <p>Description 1 Louver Diffuser</p>	 <p>Description 2 No Diffuser</p>	 <p>Description 3 Anemostat Diffuser</p>	 <p>Description 4 Radial Diffuser</p>
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Mounting Brackets & Model Designator



MOUNTING BRACKETS				
MFG CATALOG NUMBER	MFG MODEL NUMBER	MODEL SIZE	WT. (LBS)	LIST
06926902	A5105	3.3 KW TO 5.0 KW	9	125
06927002	A5120	7.5 KW TO 20.0 KW	13	144
06927102	A5150	25.0 KW TO 50.0 KW	16	171
06886202	B5105	3.3 KW TO 20.0 KW	3	65
06886302	B5150	25.0 KW TO 50.0 KW	8	95
06928402	V5105	3.3 KW TO 5.0 KW	9	242
06928502	V5120	7.5 KW TO 20.0 KW	13	297
06928602	V5150	25.0 KW TO 50.0 KW	16	312
DUST SHIELD				
06928702	DS5105	3.3 KW TO 5.0 KW	3	45
06928802	DS5120	7.5 KW TO 20.0 KW	4	51
06812202	DS5150	25.0 KW TO 50.0 KW	5	53
FAN GUARD				
07065402	OFG5101	3.3 KW TO 5.0 KW	3	70
07065502	OFG5102	7.5 KW TO 20.0 KW	4	76
07065602	OFG5103	25.0 KW TO 50.0 KW	5	89

HOW TO DESIGNATE A MODEL:

HF 2 B 51 10 C A 1							
Element Volts F = 208 H = 240 HF = 240/208 G = 277 P = 480	Phase 1 = 1-Phase 2 = 1 or 3-Ph. 3 = 3-Phase	Motor Voltage F = 208 H = 240 B = 240 / 208 G = 277 P = 480	Model Series 51	Element KW	Control System Blank = None C = Contactor	Transformer Blank = None A = Included	Control Volts 1 = 24 2 = 120 (with CA option)

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Standard Taskmaster Models & Series Notes

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTU / H	VOLTS	PH	AMPS	CONTROL VOLTAGE	TEMP RISE	AIR THROW	CFM	RECOMMENDED MOUNTING HT.		WT. (LBS)	LIST																			
											Horizontal	Vertical																					
06450802	F1F5103N	3.3	11.2	208	1	15.9 / 9.17	208	26°F	12'	400	9'	9'	25	826																			
06451002	HF1B5103N	3.3/2.5	11.2 / 8.5	240/208	1	13.7 / 11.9	240 / 208																										
06456802	F2F5103N	3.3	11.2	208	1 / 3	15.9 / 9.17	208																										
06457002	HF2B5103N	3.3/2.5	11.2 / 8.5	240/208	1 / 3	13.7 / 11.9	240 / 208																										
06457202	G1G5103N	3.3	11.2	277	1	11.9	277																										
06451202	P3P5103CA1N*			480	3	4.0	24							1054																			
06455402	F1F5105N	5.0	17.1	208	1	24.1	208	40°F	12'	400	9'	9'	25	864																			
06455602	HF1B5105N	5.0/3.7	17.1 / 12.8	240/208	1	20.9 / 18.1	240 / 208																										
06451402	F2F5105N	5.0	17.1	208	1 / 3	24.1	208																										
06451602	HF2B5105N	5.0	17.1	240	1 / 3	20.8 / 18.1	240																										
		3.7	12.8	208	1 / 3	17.1 / 10.4	208						27		1143																		
06458402	G1G5105N	5.0	17.1	277	1	18.1	277							34°F		22'	700	10'	12'	54	1331												
06451802	P3P5105CA1N*	5.0	17.1	480	3	6.1	24																										
06452002	F2F5107CA1L*	7.5	25.6	208	1 / 3	36.1 / 20.8	24						45°F		22'							700	10'	14'	55	1467							
06452202	HF2B5107CA1L*	7.5	25.6	240	1 / 3	27.1 / 31.3																											
06459202	G1G5107CA1L*	7.5	25.6	277	1	27.1																					43°F	32'	1100	11'	20'	64	2361
06452402	P3P5107CA1N*	7.5	25.6	480	3	9.1		57°F	32'	1100	12'	18'								65	3241												
06452602	F2F5110CA1L*	9.9	33.8	208	1 / 3	47.8 / 27.4																											
06452802	HF2B5110CA1L*	10.0	34.1	240	1 / 3	41.2 / 24.0							40/44°F		45'							2000/1800	12'	22'	120	3820							
		7.5	25.6	208	1 / 3	36.1 / 20.8																											
06456402	G1G5110CA1L*	10.0	34.1	277	1	36.1																					47/53°F	40'	2000/1800	12'	20'	120	4420
06453002	P3P5110CA1N*	10.0	34.1	480	3	12.4																											
06453202	F3F5115CA1L*	15.0	51.2	208	3	41.7		40/45°F	55'	3100/2800	15'	24'		120		5652																	
06453402	HF3B5115CA1L*	15.0/11.2	51.2 / 38.4	240/208	3	36.1 / 31.3																											
06453602	P3P5115CA1N*	15.0	51.2	480	3	18.1							51/56°F		50'		3100/2800	15'	22'	120	7055												
06453802	HF3B5120CA1L*	19.7/14.8	67.2 / 50.5	240/208	3	47.8 / 41.1																											
06454002	P3P5120CA1N*	20.0	68.3	480	3	24.1																											
06458802	F3F5125CA1L*	25.0	85.3	208	3	69.5																											
06459402	HF3B5125CA1L*	25.0/18.7	85.3 / 64.0	240/208	3	60.2 / 52.1																											
06459802	P3P5125CA1N*	25.0	85.3	480	3	30.1																											
06454202	F3F5130CA1L*	30.0	102.4	208	3	83.4																											
06454402	HF3B5130CA1L*	30.0/22.5	102.4 / 76.8	240/208	3	72.3 / 62.5																											
06454602	P3P5130CA1N*	30.0	102.4	480	3	36.2																											
06440402	F3F5140CA1L*	40.0	136.5	208	3	111.2																											
06440602	HF3B5140CA1L*	40.0/30.0	136.5/102.4	240/208	3	96.4 / 83.4																											
06440802	P3P5140CA1N*	39.0	133.1	480	3	47.0																											
06454802	F3F5150CA1L*	49.6	169.3	208	3	139.0																											
06455002	HF3B5150CA1L*	50.0/37.5	170.6/128.0	240/208	3	120.5/104.3																											
06455202	P3P5150CA1N	50.0	170.6	480	3	60.3																											

*Double Eagle Promo Heater

International Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTU / H	VOLTS	PH	AMPS	CONTROL VOLTAGE	TEMP RISE	AIR THROW	CFM	RECOMMENDED MOUNTING HT.		WT. (LBS)	LIST		
											Horizontal	Vertical				
07153002	Q3H5103CA1	3.3	11263	380	3	5.02	24	26	12'	400	9'	9'	25	851		
07249202	R3H5103CA1			415		4.6								1084		
07249302	Q3H5105CA1	5.0	17065	380		7.6		40					27	889		
04249402	R3H5105CA1			415		6.96								1175		
07171302	Q3H5107CA1	7.5	25600	380		11.4		34	22'	700	10'	12'		54	1370	
07249502	R3H5107CA1			415		10.5									1479	
06865702	Q3H5110CA1	10.0	34130	380		15.2		45			10'	14'	55	1509		
07249602	R3H5110CA1			415		13.9								1565		
07249702	Q3H5115CA1	15.0	51195	380		22.8		43	32'	1100			11'	20'	64	2429
07249802	R3H5115CA1			415		20.9										2533
07041702	Q3H5120CA1	20.0	68260	380		30.4		57			12'	18'	65	3335		
07249902	R3H5120CA1			415		27.85										
07191902	Q3H5125CA1	25.0	85325	380		38.0		40/44	45'	2000/1800			12'	22'	120	3930
07106102	R3H5125CA1			415		34.8										4549
07250002	Q3H5130CA1	30.0	102390	380		45.6		47/53			40'	3100/2800	12'	20'		5815
07106202	R3H5130CA1			415		41.8										
07250102	Q3H5140CA1	40.0	136520	380		60.85		40/45	55'	3100/2800			15'	24'		
07098302	R3H5140CA1			415		55.7										

• For 24V control add "CA1" suffix and \$125 list. • For 120V control add "CA2" suffix and \$125 list.

• For other voltages consult factory.

NOTES:

- 25-50KW models are wired for single or two stage heating and have two speed motors.
- Air delivery and motor data on dual voltage units reflect higher voltage.
- 600V models available 5-48.5 KW. Use "U" prefix to designate 600v and use 480v pricing.
- Supply wire on 40 and 50 KW models should have rated insulation of 75°C minimum.
- Use T5122 for two stage control.
- Use TW123 for two stage control.
- Use TFS5102 for two stage control.
- Wall thermostat must be used when built-in stratification thermostat is required.

WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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Recommended Control Options, Control Accessory Options, & Control Accessories

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MFG MODEL NUMBER	DISCONNECT SWITCH		THERMOSTAT		SUMMER FAN SWITCH		THERMOSTAT & SUMMER FAN SWITCH WALL MOUNTED	STRATIFICATION THERMOSTAT				
	1 Ø	3 Ø	IN-BUILT	WALL MOUNTED	IN-BUILT	WALL MOUNTED		IN-BUILT	WALL MOUNTED			
F1F5103N	DCS 202	NA	T5100	ET9STS	FS5101	FSW5111	NA	TC5103	TC1602			
HF1B5103N												
F2F5103N												
HF2B5103N	DCS 202	NA	T5100	ET 5SS	FS5102	FSW5112	TFS5101	TC5102	NA			
	NA	DCS 403	T5102	TW 1512								
G1G5103N	DCS 202	NA	T5100	ET5SS								
P3P5103CA1N	NA	DCS 403		RK120EAA								
F1F5105N	DCS 403	NA		S2025	FS5101	FSW5111	NA	TC5103	TC1602			
HF1B5105N			ET5SS									
F2F5105N			S2025									
HF2B5105N	NA	DCS 403	T5102	TW 1512	FS5102	FSW5112	TFS5101	TC5103	TC1602			
	DCS 403	NA	T5100	ET5SS								
	NA	DCS 403	T5102	TW 1512								
G1G5105N	DCS 403	NA	T5100	S2025	FS5102	FSW5112	TFS5101	NA	TC1602			
P3P5105CA1N	NA	DCS 403		TC5102								
F2F5107CA1L	DCS 403	NA		FS5101				FSW5111		TC5103	TC1602	
	NA	DCS 403										
HF2B 5107CA1L	DCS 403	NA	FS5102		FSW5112	TC5103	TC1602					
	NA	DCS 403										
G1G5107CA1L	DCS 403	NA		FS5101				FSW5111	TC5103	TC1602		
P3P5107CA1L	NA	DCS 403	TC5102									
F2F5110CA1L	DCS 603	NA	FS5101		FSW5111	TC5103	TC1602					
	NA	DCS 403										
HF2B5110CA1L	DCS 603	NA		FS5102				FSW5112	TC5103	TC1602		
	NA	DCS 403										
G1G5110CA1N	DCS 603	NA	FS5101		FSW5111	TC5103	TC1602					
P3P5110CA1N	NA	DCS 403		T5100				RK120EAA	FS5102	FSW5112	TFS5101	NA
F3F5115CA1L		DCS 603										TC5103
HF3B5115CA1L		DCS 603	TC5103									
P3P5115CA1L		DCS 403	TC5103									
HF3B5120CA1L		DCS 603	TC5103									
P3P5120CA1N		DCS 403	TC5103									
F3F5125CA1L		DCS 1003	TC5103									
HF3B5125CA1L		DCS 403	TC5103									
P3P5125CA1N		NA	TC5103									
F3F5130CA1L		DCS 1003	TC5103									
HF3B5130CA1L	DCS 603	TC5103										
P3P5130CA1N	DCS 603	TC5103										
F3F5140CA1L	NA	TC5103										
HF3B5140CA1L	NA	TC5103										
P3P5140CA1N	DCS 603	TC5103										
F3F5150CA1L	NA	TC5103										
HF3B5150CA1L	NA	TC5103										
P3P5150CA1N	DCS 1003	TC5103										

CONTROL ACCESSORY OPTIONS - FIELD INSTALLED IN HEATER			
MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	LIST
POWER DISCONNECT SWITCH*			
07171502	DCS202 / 5100	20 AMP; 0-16 Amps	165
07171602	DCS403 / 5100	40 AMP; 16.1-32 Amps	397
07171702	DCS603 / 5100	60 AMP; 32.1-48 Amps	543
07171802	DCS1003 / 5100	100 AMP; 48.1-80 Amps	610
*Disconnect must be rated at 80% of total ampload.			
LINE VOLTAGE THERMOSTAT			
06927702	T5100	SPST; PILOT DUTY 25 AMP, 24-277V, (40-110 °F)	150
06927802	T5102	DPST; LINE DUTY 25 AMP 120-277V 25 AMP, 120-277V, (40-120 °F)	203
LOW VOLTAGE THERMOSTAT (ALL CA1 MODELS)			
06927702	T5100	SPST; LOW VOLT/PILOT DUTY; 125VA; (3.3-20 KW UNITS), (40-110 °F)	150
06927902	T5122	2-STAGE; LOW VOLT; 125VA; (25-50 KW UNITS), (40-100 °F)	221
STRATIFICATION THERMOSTAT			
06928002	TC5102	SPST; LOW VOLT/PILOT DUTY (W/RELAY); 70-130°	227
06928102	TC5103	SPST; LINE DUTY; AMP 120-240V; 70-130°	160
SUMMER FAN SWITCH			
06928202	FS5101	SPST; LINE VOLT ;120-277V	86
06928302	FS5102	SPST; LINE VOLT ; 480-600V	123

CONTROL ACCESSORIES - REMOTE WALL MOUNTED			
MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	LIST
LINE VOLTAGE THERMOSTAT			
05029102	S2025H10AA**	SP; 25 Amp; 120-277V; 50-90°F	62
05238902	ET9STS**	SP; 22 Amp; 120-277V; 50-90°F	30
06910902	TW1512*	DPST; 25 AMP; 120-277V; 50-90°F	237
23LOW VOLTAGE THERMOSTAT (ALL CA1 MODELS)			
02600002	RK120EAA	24VAC or MV; 50°-90°F	23
06911102	TW123	2-STAGE; (25 - 50 KW UNITS); 40-90°F	237
STRATIFICATION THERMOSTAT			
06911002	TC1602	SPST; LINE VOLT; 120-277V; 70-140°	255
SUMMER FAN SWITCH			
06926202	FSW5111	SPST; LINE VOLT; 120-277V	107
06926302	FSW5112	SPST; LOW VOLT; (W/RELAY)	229
LOW VOLTAGE THERMOSTAT & SUMMER FAN SWITCH(W/RELAY) (CA1 MODELS)			
06926402	TFS5101	SPST; LOW VOLT; 50-90°	242
06926502	TFS5102	2-STAGE; LOW VOLT; 50-90°	484

**Any SPST thermostat of sufficient amperage may be substituted.

*Use DPST double line break thermostat for 3-phase line voltage control in non "C" models.

5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

Available With Setback On Demand (SD) Thermostat Factory Installed

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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 a 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 - add \$437 to list



WARNING: This product can expose you to chemicals including nickel which is known to the State of California to cause cancer, and chromium, which is known to the State of California to cause birth defects and/or reproductive harm. For more information go to www.P65Warnings.ca.gov.

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	LIST
07220002	A5175	60 To 70	Wall/Ceiling Bracket	234
07220102	A51100	80 to 100		249
07220302	B5175	60 to 70	Heater Bracket	103
07220402	B51100	80 to 100		126
07220202	V51100	60 to 100	Vertical Bracket	386
07220502	DS5175	60 to 70	Dust Shield	62
07220602	DS51100	80 to 100		70
07220902	OFG 5175	60 to 70	Fan Guard	96
07221002	OFG 51100	80 to 100		120

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Dimensions (Inches)				WT. (LBS)
KW	H	W	D	
60-70	35 ½	30 ½	14 ½	141
80-100	39 ½	37 ⅝	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.