

# 5100 Series Horizontal or Vertical Mounted Fan Forced Unit Heater

## Standard Taskmaster Models & Series Notes

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs / H	VOLTS	PH	AMPS	CONTROL VOLTAGE	TEMP RISE	AIR THROW	CFM	RECOMMENDED MOUNTING HT.		WT. (LBS)
											Horizontal	Vertical	
06450802	F1F5103N	3.3	11.2	208	1	15.9 / 9.17	208	26°F	12'	400	9'	9'	25
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						
06455402	F1F5105N	5.0	17.1	208	1	24.1	208						
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						
06458402	G1G5105N	5.0	17.1	277	1	18.1	277						
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	34°F	22'	700	10'	12'	54
06452202	HF2B5107CA1L	7.5	25.6	240	1/3	27.1 / 31.3							
06459202	G1G5107CA1L	7.5	25.6	277	1	27.1							
06452402	P3P5107CA1N	7.5	25.6	480	3	9.1							
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							
06456402	G1G5110CA1N	10.0	34.1	277	1	36.1		45°F	22'	700	10'	14'	55
06453002	P3P5110CA1N	10.0	34.1	480	3	12.1							
06453202	F3F5115CA1L	15.0	51.2	208	3	41.7							
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							
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		40/44°F	45'	2000/1800	12'	22'	120
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		47/53°F	40'	2000/1800	12'	20'	120
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	51/56°F	50'	3100/2800	15'	22'	120	

## International Models

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

• For 24V control add "CA1" suffix. • For 120V control add "CA2" suffix. • 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.
- 600 Volt models available in 5 KW through 30 KW. Contact factory for delivery.
- 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.

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## Recommended Control Options, Control Accessory Options, & Control Accessories

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	ET5SS	FS5101	FSW5111	NA	TC5103	TC1602
HF1B5103N									
F2F5103N	NA	DCS 403	T5102	TW 1512	FS5101	FSW5111	NA	TC5103	TC1602
HF2B5103N	DCS 202	NA	T5100	ET 5SS					
G1G5103N	DCS 202	NA	T5100	ET5SS	FS5102	FSW5112	TFS5101	NA	NA
P3P5103CA1N	NA	DCS 403		RK120EAA					
F1F5105N	DCS 403	NA	T5102	TW 1512	FS5101	FSW5111	NA	TC5103	TC1602
HF1B5105N									
F2F5105N	NA	DCS 403	T5100	ET5SS	FS5101	FSW5111	NA	TC5103	TC1602
HF2B5105N	DCS 403	NA	T5102	TW 1512					
G1G5105N	DCS 403	NA	T5100	S2025	FS5102	FSW5112	TFS5101	NA	NA
P3P5105CA1N	NA	DCS 403		RK120EAA					
F2F5107CA1L	DCS 403	NA	T5100	RK120EAA	FS5101	FSW5111	TFS5101	TC5103	TC1602
HF2B5107CA1L	NA	DCS 403							
G1G5107CA1L	DCS 403	NA	T5100	RK120EAA	FS5102	FSW5112	TFS5101	NA	NA
P3P5107CA1L	NA	DCS 403							
F2F5110CA1L	DCS 603	NA	T5100	RK120EAA	FS5101	FSW5111	TFS5101	TC5103	TC1602
HF2B5110CA1L	NA	DCS 403							
G1G5110CA1N	DCS 603	NA	T5100	RK120EAA	FS5102	FSW5112	TFS5101	NA	NA
P3P5110CA1N	NA	DCS 403							
F3F5115CA1L	DCS 603	NA	T5100	RK120EAA	FS5101	FSW5111	TFS5101	TC5103	TC1602
HF3B5115CA1L	NA	DCS 603							
P3P5115CA1L	DCS 603	NA	T5100	RK120EAA	FS5102	FSW5112	TFS5101	TC5103	NA
HF3B5120CA1L	NA	DCS 603							
P3P5120CA1N	DCS 603	NA	T5100	RK120EAA	FS5101	FSW5111	TFS5101	TC5103	TC1602
F3F5125CA1L	DCS 1003	NA							
HF3B5125CA1L	DCS 403	NA	T5100	TW123	FS5102	FSW5112	TFS5101	TC5103	NA
P3P5125CA1N	NA	DCS 1003							
F3F5130CA1L	DCS 1003	NA	T5100	TW123	FS5101	FSW5111	TFS5101	TC5103	TC1602
HF3B5130CA1L	NA	DCS 603							
P3P5130CA1N	DCS 603	NA	T5100	TW123	FS5102	FSW5112	TFS5101	TC5103	NA
F3F5140CA1L	NA	DCS 603							
HF3B5140CA1L	DCS 603	NA	T5100	TW123	FS5101	FSW5111	TFS5101	TC5103	TC1602
P3P5140CA1N	NA	DCS 603							
F3F5150CA1L	NA	DCS 603	T5100	TW123	FS5102	FSW5112	TFS5101	TC5103	NA
HF3B5150CA1L	DCS 1003	NA							
P3P5150CA1N	DCS 1003	NA							

CONTROL ACCESSORY OPTIONS - FIELD INSTALLED IN HEATER		
MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
<b>POWER DISCONNECT SWITCH*</b>		
07171502	DCS202 / 5100	20 AMP; 0-16 Amps
07171602	DCS403 / 5100	40 AMP; 16.1-32 Amps
07171702	DCS603 / 5100	60 AMP; 32.1-48 Amps
07171802	DCS1003 / 5100	100 AMP; 48.1-80 Amps
*Disconnect must be rated at 80% of total amload.		
<b>LINE VOLTAGE THERMOSTAT</b>		
06927702	T5100	SPST; LINE DUTY 25 AMP, 120-277V, (40-100 °F)
06927802	T5102	DPST; LINE DUTY 25 AMP 120-277V 25 AMP, 120-277V, (60-120 °F)
<b>LOW VOLTAGE THERMOSTAT (ALL CA1 MODELS) (45 - 90 °F)</b>		
06927702	T5100	SPST; LOW VOLT/PILOT DUTY; 125VA; (3.3-20 KW UNITS)
06927902	T5122	2-STAGE; LOW VOLT; 125VA; (25-50 KW UNITS)
<b>STRATIFICATION THERMOSTAT</b>		
06928002	TC5102	SPST; LOW VOLT/PILOT DUTY (W/RELAY) ; 70-130°
06928102	TC5103	SPST; LINE DUTY; AMP 120-240V; 70-130°
<b>SUMMER FAN SWITCH</b>		
06928202	FS5101	SPST; LINE VOLT ;120-277V
06928302	FS5102	SPST; LINE VOLT ; 480-600V

CONTROL ACCESSORIES - REMOTE WALL MOUNTED		
MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
<b>LINE VOLTAGE THERMOSTAT</b>		
05029102	S2025H10AA**	SP; 25 Amp; 120-277V; 50-90°F
05387802	ET5SS**	SP; 22 Amp; 120-277V; 50-90°F
06910902	TW1512*	DPST; 25 AMP; 120-277V; 50-90°F
<b>LOW VOLTAGE THERMOSTAT (ALL CA1 MODELS)</b>		
02600002	RK120EAA	24VAC or MV; 50°-90°F
06911102	TW123	2-STAGE; (25 - 50 KW UNITS); 40-90°F
<b>STRATIFICATION THERMOSTAT</b>		
06911002	TC1602	SPST; LINE VOLT; 120-277V; 70-140°
<b>SUMMER FAN SWITCH</b>		
06926202	FSW5111	SPST; LINE VOLT; 120-277V
06926302	FSW5112	SPST; LOW VOLT; (W/RELAY)
<b>LOW VOLTAGE THERMOSTAT &amp; SUMMER FAN SWITCH(W/RELAY) (CA1 MODELS)</b>		
06926402	TFS5101	SPST; LOW VOLT; 50-90°
06926502	TFS5102	2-STAGE; LOW VOLT; 50-90°

\*\*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.