

2600 Series Downflow Unit Heater

General Description & Diffuser Information

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CONSTRUCTION:

- 16 gauge steel cabinet with epoxy powder coated finish and control compartment with a hinged and latched access door.
- OSHA guards standard with all models.
- Made in U.S.A

HEATING ELEMENT:

- Corrosion resistant element with steel sheath and steel spiral fins.

OVERHEAT PROTECTION:

- All units come equipped with manual reset 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 3KW - 20KW models. Totally enclosed, 2 speed, 1 phase permanently lubricated, thermally protected motors with sleeve bearings on 24KW - 50KW models.
- Axial flow fan blade - 1570 RPM max.
- All models equipped with fan purge which allows fan to operate after elements are de-energized to purge residual heat.

TEMPERATURE CONTROLS:

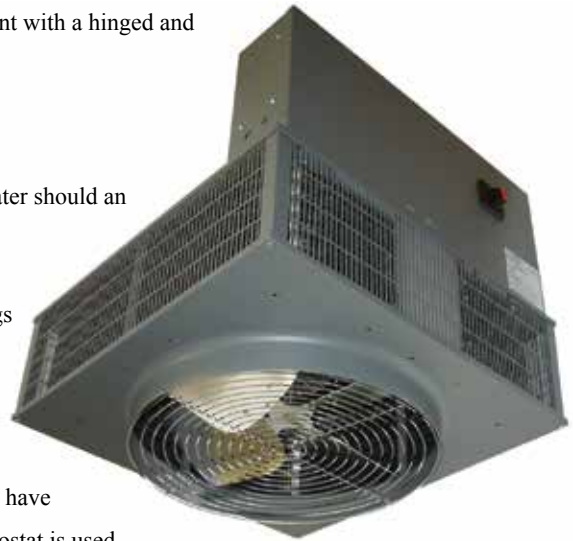
- 208V, 240V, 277V and 480V units have In-Built 24 Volt transformer for low voltage remote thermostat application.
- 600V units have In-Built 240V control on 5-20 KW models, 25-50 KW models have 24V control.
- 25 KW - 50 KW models may operate as 2 stage heaters if 2 stage remote thermostat is used.

DISCONNECT SWITCH:

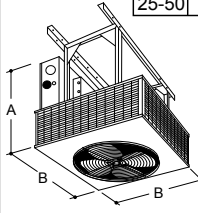
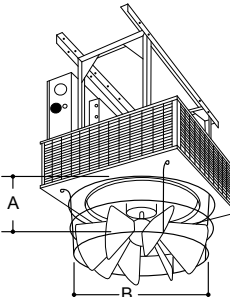
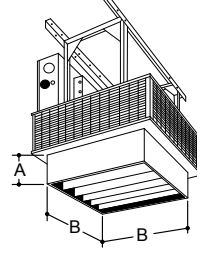
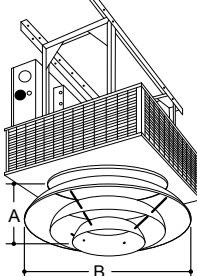
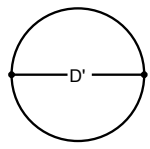
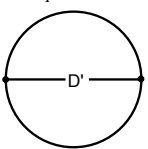
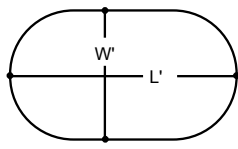
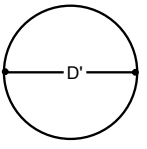
- All models equipped with In-Built disconnect except F3F2640, F3F2630CA1, F3F2650, H3H2650, and H3H2640CA1.

INSTALLATION:

- Unit can be mounted using optional mounting bracket or field constructed angle iron bracket.
- Not recommended for mounting with threaded rod or chain.



2600 Series shown with standard wire guard. Diffusers are field installed.

Diffuser Descriptions	Standard Heater			Radial Louvered Cone Diffuser			Linear Louvered Diffuser			Anemostat Diffuser											
	Dimensions** <table><tr><th>KW</th><th>B</th><th>A</th></tr><tr><td>5-20</td><td>20 1/2"</td><td>15"</td></tr><tr><td>25-50</td><td>27"</td><td>21 1/2"</td></tr></table> 			KW	B	A	5-20	20 1/2"	15"	25-50	27"	21 1/2"									
	KW	B	A																		
	5-20	20 1/2"	15"																		
	25-50	27"	21 1/2"																		
	For general distribution. Choice of other diffusers may be added after installation if required.			MODEL	KW	DIM: A	DIM: B	MODEL	KW	DIM: A	DIM: B	MODEL	KW	DIM: A	DIM: B						
				D1600	5-20	6 1/2"	14 1/4"	D1602	5-20	6"	16 1/4"	D1603	5-20	7"	19 1/4"						
	O.S.H.A guard for fan blade D1604 for 2605-2620, & D1614 for 2625-2650 Do not use with other diffusers.			D1610	25-50	11 1/2"	24 3/4"	D1612	25-50	6"	22 1/4"	D1613	25-50	9 3/4"	29 3/4"						
				With vanes vertical, straightens air for higher mounting. Closed position for broad horizontal coverage. Adjustable for intermediate requirements.			Affords more precise directional throw where heaters cannot be mounted directly over area to be heated or for heating long narrow areas.			Blends room air with heated air for widespread distribution without excessive drafts.											
																					
VERTICAL			45 DEGREES OPEN																		
MODEL	MAX MOUNTING HEIGHT*	D (ft.)	MAX MOUNTING HEIGHT	D (ft.)	MAX MOUNTING HEIGHT	D (ft.)	MAX MOUNTING HEIGHT	W (ft.)	L (ft.)	MAX MOUNTING HEIGHT	D (ft.)										
2605	10	25	15	25	8	30	10	10	40	9	25										
2607	10	25	15	25	8	30	10	10	40	9	25										
2610	22	40	26	36	15	44	22	14	54	20	38										
2615	20	44	24	38	14	46	20	14	60	18	40										
2620	18	48	22	40	13	50	18	15	66	16	42										
2625	32	48	38	42	24	70	34	30	80	30	60										
2630	30	60	36	50	22	74	32	34	80	28	64										
2640	26	64	32	50	20	78	30	36	90	26	67										
2650	24	68	28	50	18	82	28	40	100	24	70										

*Minimum mounting height 6 feet.

**Dimensions are for all heater models without a diffuser option. Adding a diffuser will change the vertical ("A") dimension of heater. All mounting distances are in feet. All diagrams show optional mounting bracket.

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
06926302	FSW5112	Summer Fan Switch
06911002	TC1602	Wall Mounted Stratification Thermostat Range - (40 °F - 120 °F)
07177502	A1600	Ceiling Mount Bracket 5-20 KW Models
07177602	A1601	Ceiling Mount Bracket 25-50 KW Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
07177902	D1602	Linear Louvered Diffuser 5-20 KW Models
07178002	D1612	Linear Louvered Diffuser 25-50 KW Models
07178102	D1600	Radial Louvered Cone Diffuser 5-20 KW Models
07178202	D1610	Radial Louvered Cone Diffuser 25-50 KW Models
07178302	D1603	Anemostat Diffuser 5-20 KW Models
07178402	D1613	Anemostat Diffuser 25-50 KW Models

A portable, box-shaped environmental test chamber, likely a salt spray or humidity test chamber, with a carrying handle and a control knob.



- Easily fits between joists for typical installation.
- Zero clearance for wall and ceiling mounting as well as floor mounting with appropriate inlet and outlet clearances.
- Bracket standard or can be mounted by $\frac{3}{8}$ " threaded rod (field supplied)
- Automatic reset thermal limit for safety
- 1 Phase model wattage field changeable from 1874 to 5000 Watts.
- 24V control circuit on three phase models with hydraulic thermostat
- Made in U.S.A

Conforms to ANSI/UL 1995
Certified to CAN/CSA C 22.2 No.236-11

A	B	C	D	E	F	G
14.4''	19.4''	14.5''	8.4''	5.1''	9.2''	1.8''

MFG CATALOG NUMBER	MFG MODEL NUMBER	WATTS	BTUs	VOLTS	PHASE	AMPS	TEMP RISE	TEMP RANGE	AIR THROW	CFM	WT. (LBS)
07262402	HF5705T	5000	17065	240	1	21	57 °F	(40 °F-120 °F)	16'	275	32
		4165	14215			17	48 °F				
		3332	11365			14	38 °F				
		2500	8533			10	29 °F				
		3750	12798	208	1	18	43 °F	(40 °F-120 °F)	16'	275	32
		3123	10659			15	36 °F				
		2500	8553			12	29 °F				
		1874	6396			9	21 °F				
07262502	H3H5705T	3750	12799	208	3	10.4	57 °F	(40 °F-110 °F)	16'	375	32
		5000	17065	240	3	12	57 °F		16'	275	32
07262602	P3P5705T	5000	17065	480	3	6	57 °F	(40 °F-110 °F)	16'	275	32
07073602	DCS-MT303	Optional Field Installed Disconnect Switch, 30 Amp @ 600Volts									