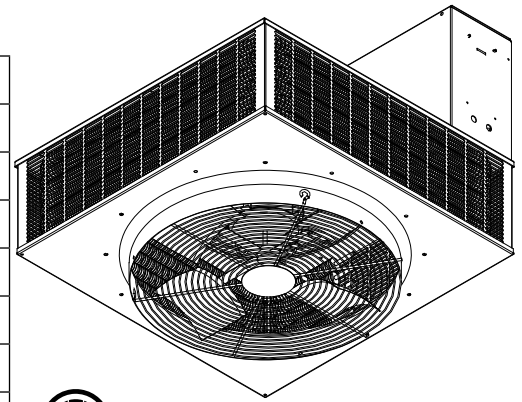




MADE IN
THE U.S.A.

**2600 SERIES
DOWNFLOW UNIT HEATER**

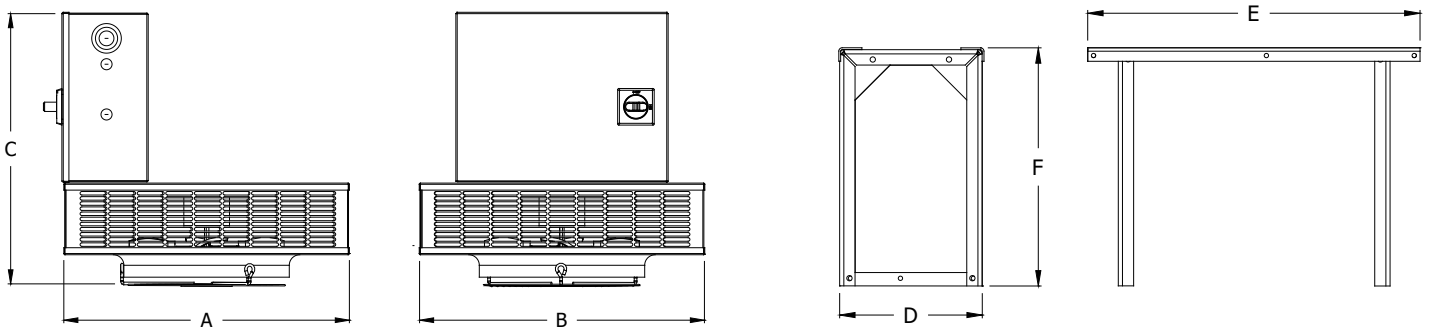
CUSTOMER		DATE:	
PROJECT			
LOCATION			
ARCHITECT			
ENGINEER			
CONTRACTOR			
SUBMITTED BY			
APPROVED BY			
APPROVED BY			



SUBMITTAL DATA SHEET

QTY	MODEL	TAG	WATTAGE	VOLTS	PHASE	AMPS	CFM	DISCONNECT	THERMOSTAT	OPTIONS

NOTES/SPECIAL INSTRUCTIONS:



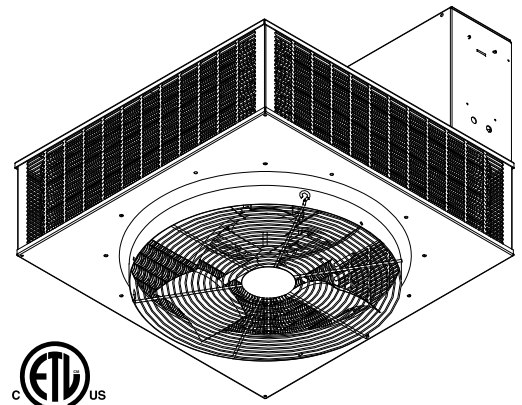
UNIT SIZE KW	DIMENSIONS (In.)			WEIGHT (Pounds)
	A	B	C	
5 - 20	20 ½	20 ½	15	75
10 - 15	27	27	21 ½	175

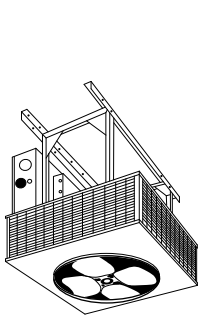
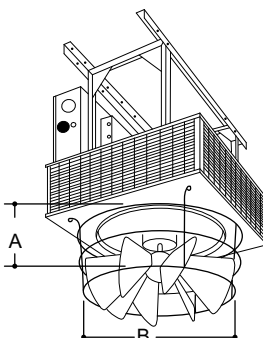
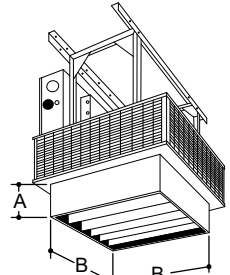
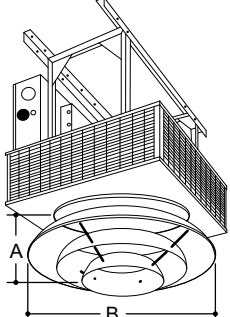
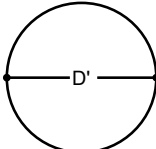
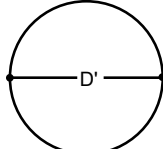
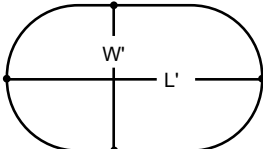
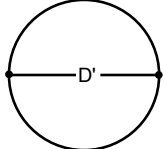
BRACKET	DIMENSIONS (In.)			WEIGHT (Pounds)
	D	E	F	
A1600	8	36	15 ½	15
A1601	12 ¾	36	15 ½	22

2600 SERIES

DOWNFLOW UNIT HEATER

- 16 Gauge steel cabinet with epoxy powder coat finish
- Manual reset overheat protection
- Disconnect standard on units under 80 amps
- Corrosion resistant heating elements
- 24 volt control circuit for use with remote thermostats
- 25KW-50KW units may operate as 2 stage units
- All models equipped with fan purge
- Axial flow fan blade
- OSHA guards standard on all models
- 3 diffuser options available
- Totally enclosed motors
 - *single speed on 5-20KW units
 - *two speed on 25-50KW units



Diffuser Descriptions	Standard Heater			Radial Louvered Cone Diffuser			Linear Louvered Diffuser			Anemostat Diffuser							
	   																
	For general distribution. Choice of other diffusers may be added after installation if required. Accessory O.S.H.A guard for fan blade D1604 for 2605-2620 D1614 for 2625-2650 Do not use with other diffusers.			MODEL	DIM: A	DIM: B	MODEL	DIM: A	DIM: B	MODEL	DIM: A	DIM: B					
				D1600	6 1/2"	14 1/4"	D1602	6"	16 1/4"	D1603	7"	19 1/4"	D1610	11 1/2"	24 3/4"	D1612	6"
   																	
			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. All mounting distances are in feet.

2600 SERIES
DOWNFLOW UNIT HEATER

Standard Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	CONTROL VOLTS	TEMP RISE °F	CFM	WT (LBS)
07157502	F1F2605CA1*	5	17065	208	1	24.03	24	34	490	75
07157602	H1H2605CA1*			240		20.83				
07157702	G1G2605CA1*			277		18.05				
07157802	F3F2605CA1*			208	3	13.89				
07157902	H3H2605CA1*			240		12.04				
07158002	P3P2605CA1*			480		6.02				
07158202	F1F2607CA1*	7.5	25598	208	1	36.05	24	45	560	75
07158302	H1H2607CA1*			240		31.25				
07158402	G1G2607CA1*			277		27.07				
07158502	F3F2607CA1*			208	3	20.84				
07158602	H3H2607CA1*			240		18.06				
07158702	P3P2607CA1*			480		9.03				
07158902	F1F2610CA1*	10	34130	208	1	48.07	24	26	1200	75
07159002	H1H2610CA1*			240		41.66				
07159102	G1G2610CA1*			277		36.1				
07159202	F3F2610CA1*			208	3	27.79				
07159302	H3H2610CA1*			240		24.08				
07159402	P3P2610CA1*			480		12.04				
07159602	F3F2615CA1*	15	51195	208	3	41.68	24	39	1200	75
07159702	H3H2615CA1*			240		36.12				
07159802	P3P2615CA1*			480		18.06				
07160002	H3H2620CA1*	19.4	68260	240	3	48.16	24	52	1200	75
07160102	P3P2620CA1*	20		480		24.08				
07175102	F3F2625CA1*	25	85325	208	3	69.48	24	24	3300	175
07175202	H3H2625CA1*			240		60.21				
07175302	P3P2625CA1*			480		30.1				
07175502	F3F2630CA1**	30	102390	208	3	83.37	24	29	3300	175
07175602	H3H2630CA1*			240		72.25				
07175702	P3P2630CA1*			480		36.12				
07175902	F3F2640CA1**	40	136520	208	3	111.17	24	38	3300	175
07176002	H3H2640CA1**			240		96.33				
07176102	P3P2640CA1*			480		48.16				
07176302	F3F2650CA1**	50	170650	208	3	138.96	24	48	3300	175
07176402	H3H2650CA1**			240		120.42				
07176502	P3P2650CA1*			480		60.21				

Field Installed Accessories

MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION	MFG CATALOG NUMBER	MFG MODEL NUMBER	DESCRIPTION
06926302	FSW5112	Summer Fan Switch	07177902	D1602	Linear Louvered Diffuser 5-20 KW Models
06911002	TC1602	Wall Mounted Stratification Thermostat Range - (70 °F - 140 °F)	07178002	D1612	Linear Louvered Diffuser 25-50 KW Models
07177502	A1600	Ceiling Mount Bracket 5-20 KW Models	07178102	D1600	Radial Louvered Cone Diffuser 5-20 KW Models
07177602	A1601	Ceiling Mount Bracket 25-50 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

SPECIFICATIONS: The contractor shall furnish and install the 2600 Series electric vertical discharge unit heaters of the size, capacity and voltage specified. Heaters shall be installed according to the manufacturer's recommendations and applicable national and local codes.

ELEMENTS: Elements shall consist of Nickel Chromium alloy resistance wire embedded and completely surrounded in Magnesium Oxide, enclosed and swagged into corrosion resistant sheaths. Corrosion resistant steel fins shall be permanently attached to the sheaths to provide maximum heat transfer to the air stream.

MOTORS: Motors shall be single phase, resilient mounted, totally enclosed, industrial rated with an automatic reset thermal overload protective device. Motors on heaters up to 20 KW capacity shall be permanently lubricated shaded pole type. Over 20 KW, motors shall be permanent split capacitor type. Motors shall be mounted out of the main air stream in such a manner as to allow ambient air to be drawn over the motor to reduce motor temperature. Motor shall be separately removable from beneath the heater without removing the entire heater from mounting bracket.

FAN BLADES: Fan blades shall be heavy-duty individually balanced axial flow type. Fan speed shall not exceed 1570 RPM.

THERMAL OVERLOAD PROTECTION: All heaters shall be equipped with a manual reset thermal cutout which disconnects elements and motor in the event normal operating temperatures are exceeded.

WIRING: Heaters shall be designed for a single supply circuit with elements, motor and control circuits subdivided and fused to conform with the latest National Electric Code and OSHA requirements. All three phase heaters shall have balanced phases.

CONTROLS: Heaters shall be controlled by a low voltage wall mounted thermostat. All heaters 25 KW and larger shall be wired for 2 stage operation. 5 KW through 20 KW units are single stage. All heaters shall be equipped with a fan safety device that causes fan to operate after elements are de-energized to purge unit of residual heat.