

Cabinet

The cabinet shall be constructed of heavy duty 16 gauge zinc coated steel. The cabinet shall be finished with a durable powder coated beige paint. The front cover shall be removable for easy installation and service of all internal components. The grill configuration shall be convertible to any airflow configuration by removal of four fasteners. The cabinet is designed for floor, wall or ceiling mounting and suitable for use with factory optional kick space base.

Element

Elements are all steel tubes with highest quality nickel-chromium resistance wire embedded in compacted efficient dielectric to ensure proper heat transfer. Steel helical fins are machine crimped and brazed to tube for effective transfer of heat.

Motor and Blower Assembly

Motor and blower shall be direct drive and resiliently mounted on a rigid heavy gauge steel frame for quiet operation and long life. The motors shall be two speed shaded pole type. Motor voltage is same as heater primary voltage and shall be single phase. 480 and 600 volt motors are single speed only. All motors have built in overload protection and are lifetime lubricated. The motor is vented and mounted in the air stream to provide maximum cooling of the motor.

Limit Controls

The heater shall utilize two safety limits built into the controls to automatically shut off the heater if safe operating temperatures are exceeded. The primary limit is a capillary type, which senses the heat along the full length of the elements. The secondary limit is a manual reset thermal device. All heaters shall have a built in fan purge to dissipate residual heat from elements on heater shut-down.

Controls

Heater shall have High/Low heat and fan rocker switch and built in thermostat. These controls are factory wired and tamper resistant and adjustable through front of louver assembly. Other factory installed custom control options are available.

Filters

Optional filters shall be located in front of the motor and blower assembly to assure clean air circulation. Both replaceable or washable filters are available.

Outside Air Damper

Optional built in manually operated damper to provide up to 25% outside air is available and must be used with kickspace base option for field connection to air inlet.

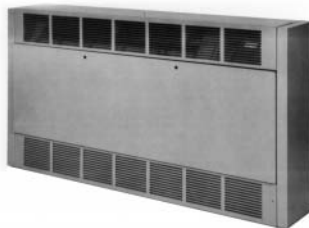
Mounting

The 6300 can be surface mounted for wall or ceiling and also recess mounted. The heater can be mounted for inverted air flow.

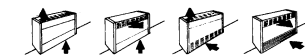
SUBMITTAL DATA, 6300 SERIES

AGENT	PROJECT	ENGINEER	DATE

TAG					
QTY.					
MODEL SIZE					
AIR ARRANGEMENT					
KW					
VOLTS / PHASE					
CONTROL OPTIONS					
D-DISCONNECT C-CIRCUIT BREAKER					
FILTER					
NOTES					



UP FLOW



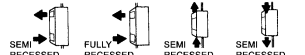
DOWN FLOW



CEILING



WALL



CEILING

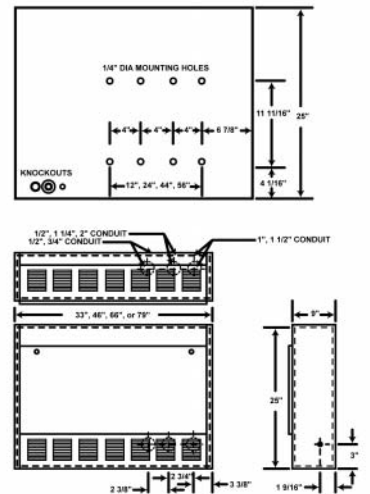


Model Number	Heater Length	Total KW	Filter Size (in)	Quantity	Duct Collar	
					Collar Size (in)	
6333-02	33"	2	19 3/4 x 9 1/2	1	4 1/2 x 27 3/4	
6333-03		3				
6333-04		4				
6333-05		5				
6333-06		6				
6346-04	46"	4	32 3/4 x 9 1/2	1	4 1/2 x 39 1/4	
6346-06		6				
6346-08		8				
6346-10		10				
6346-12		12				
6366-06	66"	6	19 3/4 x 9 1/2	1	4 1/2 x 62	
6366-09		9				
6366-12		12				
6366-15		15				
6366-18		18				
6379-08	79"	8	32 3/4 x 9 1/2	2	4 1/2 x 73 1/2	
6379-12		12				
6379-16		16				
6379-20		20				
6379-24		24				

DIMENSIONS

Up flow illustrated
For down flow turn upside down

CABINET UNIT HEATER- REAR VIEW 33" MODEL 6333 ILLUSTRATED



Static Pressure not to exceed .15" W.C.

Night set back can be accomplished by interrupting the control voltage source to the unit