



**Concealed Space Use  
Zero Clearance**

# Plenum Rated Heater

**MSPH Series**

**NEW**



Dimensions:

Small Cabinet (3 to 5KW): 12.5"H X 19.5"W X 24"L

Large Cabinet (7.5 to 10KW): 18"H X 18"W X 35 1/2"L

## **Applications:**

- Concealed areas of high rise commercial buildings.
- Concession stands at sport facilities.
- Supplemental heat for school bathrooms.
- Plenum areas above large lobbies, and foyers.
- Large entrance ways.
- Use to pre-heat outside air.

- ETL design certified for plenum and concealed space applications
- Compact size, zero clearance, design for horizontal installation
- Versatile full featured design with easy serviceability
- Rugged powder coated steel construction
- Heavy duty steel finned heating element



## Service Friendly

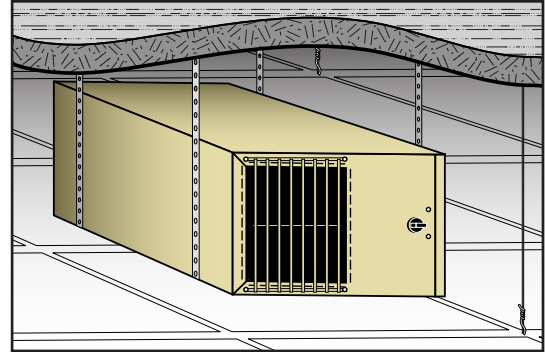
- Built-in disconnect switch; Single point power connection
- Easily removed single panel provides access to all serviceable components (motor, heating element and controls).
- Warranty Period for elements = 5 years. Life Expectancy for unit is 10 years for continuous operation.

## Agency Approvals

- Model MSPH is design certified by ETL to comply with UL1995 standard for HVAC equipment.
- Nema 12 (gasketed) control panel for built-in controls and wiring. Meets stringent City of Chicago codes for plenum use.

## Design Features

- Temp range: 200°F maximum outlet air temp
- Rating @ 0.2" of static pressure
- Fan only option
- Timed blower on / off delay
- Designed for horizontal installation
- External 24 volt thermostat control
- High limit thermal cutout - Automatic reset
- Pre-notched duct collar
- Type PSC 2-speed motor (ex. 480V models)
- 2 Stage heat is available on some 10kw and 15kw models
- Multiple heat rise selection
- 20 gauge all powder coated steel construction
- Acoustic fiberglass insulation
- Built-in disconnect switch
- Single point power connection
- Heavy duty steel finned heating element
- Quiet, efficient, forward curved centrifugal blower
- Optional accessories: Permanent or disposable filters, adjustable louver kit, aluminum wall louver kit, and electronic digital wall thermostat



Typical application shown above suspended ceiling

- This plenum heater is rated for zero clearance to any surfaces, including combustibles ( wood trusses, wood framing), mounted next to the sides, top and bottom of metal cabinet.

## Selection Chart

Catalog Number	Phase	KW	VOLTAGE	AMPS*	LOW SPEED**		HIGH SPEED**		WT. Lbs
					CFM	RISE	CFM	RISE	
MSPH138124	1	3	208	15.32	350	27°F	400	24°F	49
MSPH132124			240	13.4					
MSPH137124			277	11.63					
MSPH138324	3	3	208	9.23	350	45°F	400	39°F	49
MSPH132324			240	8.12					
MSPH134324			480	4.11					
MSPH158124	1	5	208	24.94	350	45°F	400	39°F	49
MSPH152124			240	21.73					
MSPH157124			277	18.85					
MSPH158324	3	5	208	14.78	350	45°F	400	39°F	49
MSPH152324			240	12.93					
MSPH154324			480	6.51					
MSPH158124L	1	5	208	24.94	850	20°F	1000	16°F	49
MSPH152124L			240	21.73					
MSPH157124L			277	18.85					
MSPH158324L	3	5	208	14.78	850	20°F	1000	16°F	49
MSPH152324L			240	12.93					
MSPH154324L			480	6.51					
MSPH1758124	1	7.5	208	38.12	850	28°F	1000	24°F	69
MSPH1752124			240	33.31					
MSPH1757124			277	28.91					
MSPH1758324	3	7.5	208	22.88	850	28°F	1000	24°F	69
MSPH1752324			240	20.1					
MSPH1754324			480	10.16					
MSPH1102124	1	10	240	43.73	850	37°F	1000	31°F	69
MSPH1107124			277	37.93					
MSPH2102124			240	43.73					
MSPH2107124	3	10	277	37.93	850	37° / 20°F	1000	31° / 16°F	69
MSPH1108324			208	29.82					
MSPH1102324			240	26.12					
MSPH1104324	3	10	480	13.17	850	37° / 20°F	1000	31° / 16°F	69
MSPH2108324			208	29.82					
MSPH2102324			240	26.12					
MSPH2104324	3	15	480	13.17	850	56°F	1000	47°F°	69
MSPH1158324			208	43.9					
MSPH1152324			240	38.14					
MSPH1154324	3	15	480	19.18	850	56° / 28°F	1000	47° / 24°F	69
MSPH2152324			240	38.14					
MSPH2154324			480	19.18					

\*Total Amps including Resistive and Inductive loads.

\*\*Low and High speed fan operation is determined during installation of thermostat set up  
Low speed fan operation not available on 480V models.



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