



A Marley Engineered Products Brand

**Concealed Space Use
Zero Clearance**

Plenum Rated Heater

BPH 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

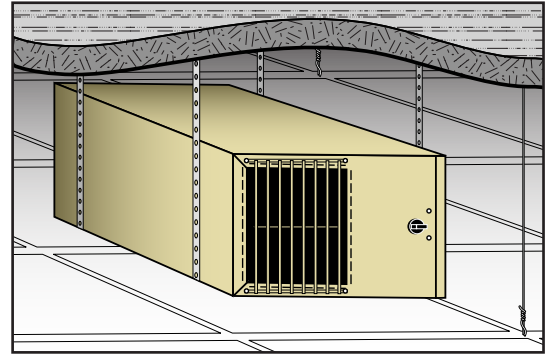
- Built-in disconnect switch; Single point power connection
- Easily removed single panel provides access to all serviceable components (motor, heating element and controls).
- Warranty Period for elements = 5 years. Life Expectancy for unit is 10 years for continuous operation.

Agency Approvals

- Model BPH 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	
BPH138124	1	3	208	15.32	350	27°F	400	24°F	49
BPH132124			240	13.4					
BPH137124			277	11.63					
BPH138324	3	3	208	9.23	480	4.11	400	39°F	49
BPH132324			240	8.12					
BPH134324			480	4.11					
BPH158124	1	5	208	24.94	350	45°F	400	39°F	49
BPH152124			240	21.73					
BPH157124			277	18.85					
BPH158324	3	5	208	14.78	480	6.51	400	39°F	49
BPH152324			240	12.93					
BPH154324			480	6.51					
BPH158124L	1	5	208	24.94	850	20°F	1000	16°F	49
BPH152124L			240	21.73					
BPH157124L			277	18.85					
BPH158324L	3	5	208	14.78	480	6.51	1000	24°F	69
BPH152324L			240	12.93					
BPH154324L			480	6.51					
BPH1758124	1	7.5	208	38.12	850	28°F	1000	24°F	69
BPH1752124			240	33.31					
BPH1757124			277	28.91					
BPH1758324	3	7.5	208	22.88	480	10.16	1000	47°F°	69
BPH1752324			240	20.1					
BPH1754324			480	10.16					
BPH1102124	1	10	240	43.73	850	37°F	1000	31°F	69
BPH1107124			277	37.93					
BPH2102124			240	43.73					
BPH2107124	3	10	277	37.93	850	37° / 20°F	1000	31° / 16°F	69
BPH1108324			208	29.82					
BPH1102324			240	26.12					
BPH1104324	3	10	480	13.17	850	37°F	1000	31°F	69
BPH2108324			208	29.82					
BPH2102324			240	26.12					
BPH2104324	3	15	480	13.17	850	56°F	1000	47°F°	69
BPH1158324			208	43.9					
BPH1152324			240	38.14					
BPH1154324	3	15	480	19.18	850	56° / 28°F	1000	47° / 24°F	69
BPH2152324			240	38.14					
BPH2154324			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.

BERKO®

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For more info visit www.berkomep.com