AHB

Chilled Beam, Active Bulkhead with Boost Option

MODEL

- AHB - Active chilled beam (bulkhead) with boost option

FEATURES

- Combined cooling and heating coil
- 2 and 4 pipe coil configuration
- Cooling/heating water pipe connections are copper 1/2” and 3/8” diameter, respectively
- Aluminum fins on water coil
- 3 Nozzle sizes available for more precise performance
- Right, middle, and left side duct connections available
- Right and left hand coil connection available
- Perforated, hinged access panel for room side access to coil
- 20 gauge, galvanized steel casing
- 5” diameter primary air duct connections
- Low sound levels

UNIT SIZE

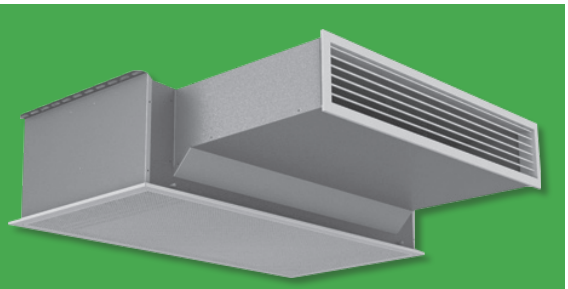
- Width: 39”, 47”, or 55”
- Height: 11”

INLET SIZE

- Round: 5”

COMPATIBLE OPTIONS AND ACCESSORIES

- Booster fan
- Specialized controls
- Flexible hose connections



WEB SEARCH: AHB

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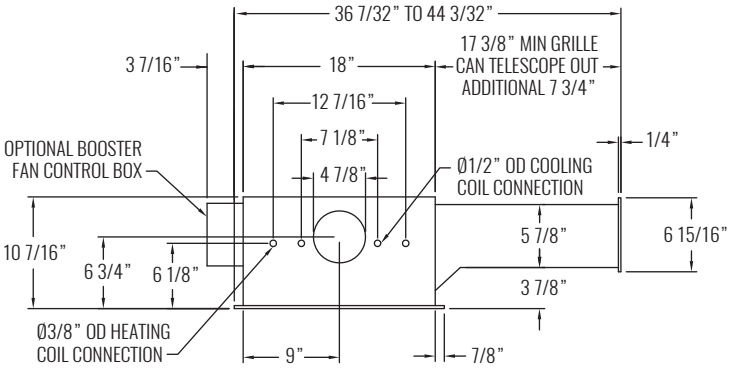
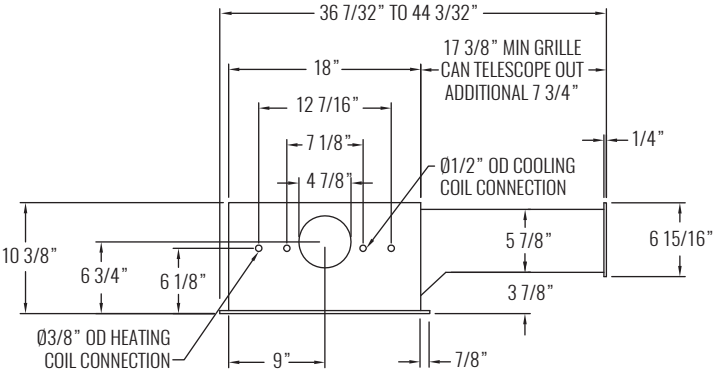
KRUEGER

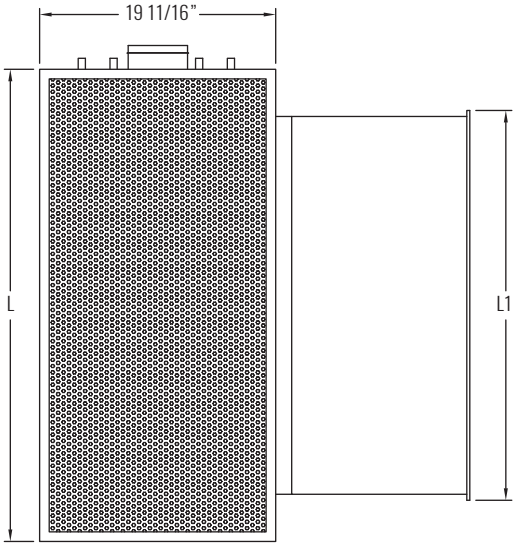
DIMENSIONAL DATA



SIDE, INLET VIEW WITH OPTIONAL BOOSTER FAN CONTROL BOX



SIDE, INLET VIEW



BOTTOM VIEW

DIMENSIONS	
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39"	32"
47"	39"
55"	47"

NOTES: Cooling/heating water pipe connections are copper 1/2" and 3/8" with wall thickness of 0.04". The maximum chilled/hot water circuit operating pressure is 150 psi.

PERFORMANCE AND DESIGN DATA

PERFORMANCE	
DESCRIPTION	VALUE
TOTAL SENSIBLE COOLING (BTU/H PER ACTIVE LINEAL FOOT)	400 - 2000
TOTAL SENSIBLE HEATING (BTU/H PER ACTIVE LINEAL FOOT)	350 - 3050
SOUND LEVEL (NC)	10 - 20

SUGGESTED DESIGN PARAMETERS		
DESCRIPTION	COOLING	HEATING
SUPPLY AIR TEMPERATURE	55 - 65°F	60 - 85°F
AIRFLOW RATE	25 CFM/ft max	
ENTERING WATER TEMPERATURE	56.5 - 70°F	90 - 120°F
WATER FLOW RATE	.50 - 2.25 GPM	.25 - 1.58 GPM
WATER ΔP	0 - 10 ft	
AIR ΔP	0.2 - 0.8 "WG	

NOTES: Information shown is abbreviated. See website for complete information. Performance shown is based on the following operating conditions: in cooling, 75°F, 50% relative humidity room design temperature and in heating, 68°F, 50% relative humidity room design temperature. Entering cooling water temp should be selected at least +1.5 degrees higher than room dew point.