

MODEL

- ABH - Active corner mounted exposed chilled beam

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
- 2 nozzle sizes available for more precise performance
- 1-way supply
- Same side or opposite side of supply air, water coil connections
- Perforated, hinged access panel for room side access to coil
- 20 gauge, galvanized steel casing
- 4" diameter primary air duct connections
- Low sound levels

UNIT SIZE

- Width: 12"
- Height: 9"
- Length: 72" - 196" (increments of 4")
- Coil Length: Unit length \leq 116", 59" - 116" (4" increments)¹
- Coil Length: Unit length \geq 120", 57" - 183" (4" increments)¹

INLET SIZE

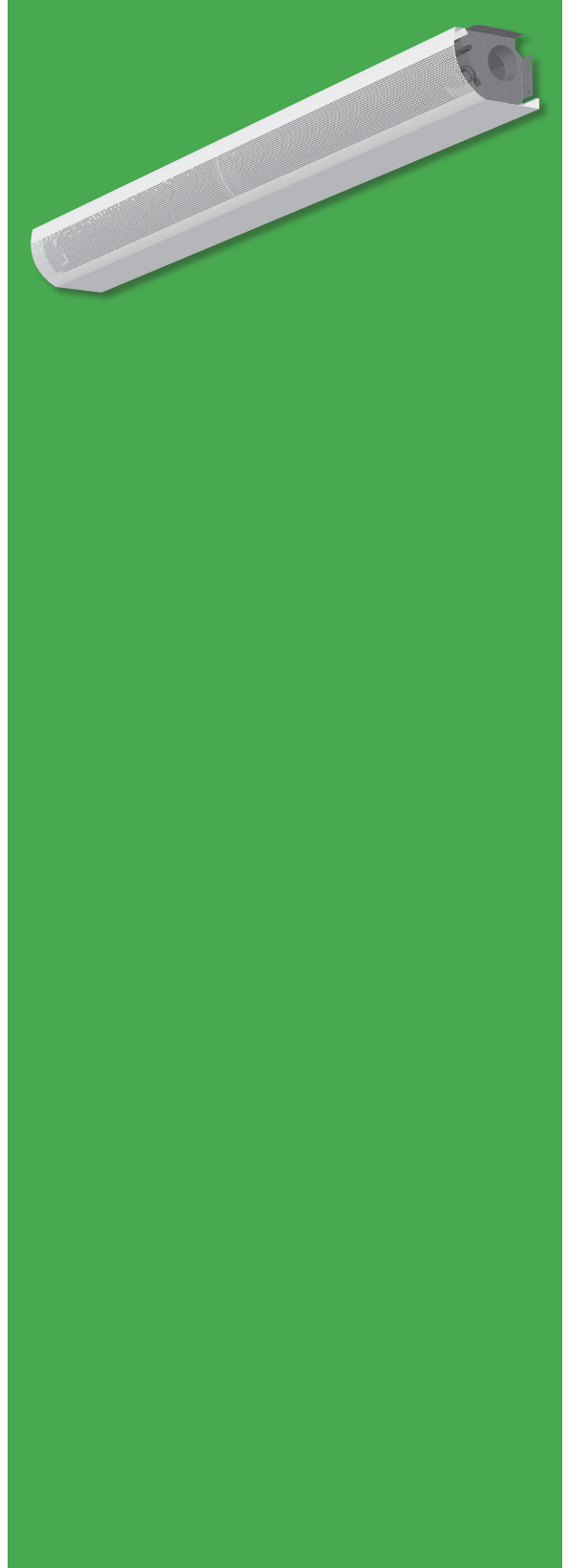
- Round: 4"

COMPATIBLE OPTIONS AND ACCESSORIES

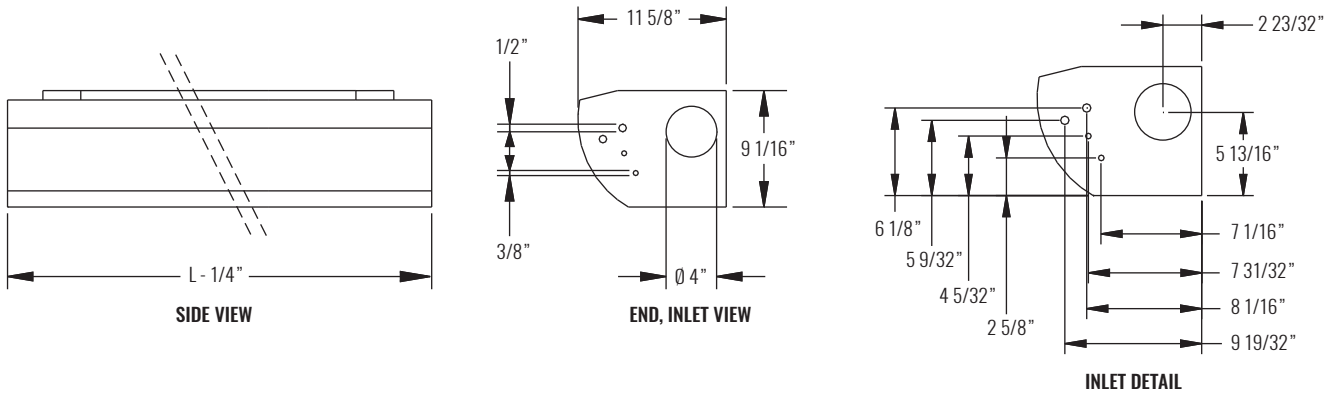
- Venting valves for cooling and/or heating coil
- Duct cover: 32" - 100" (4" increments)
- Flexible hose connections

NOTES:

- ¹ Maximum coil length is beam length less 13".



DIMENSIONAL DATA



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

PERFORMANCE AND DESIGN DATA

PERFORMANCE		SUGGESTED DESIGN PARAMETERS		
DESCRIPTION	VALUE	DESCRIPTION	COOLING	HEATING
TOTAL SENSIBLE COOLING (BTU/H PER ACTIVE LINEAL FOOT)	150 - 690	SUPPLY AIR TEMPERATURE	55 - 65°F	60 - 85°F
TOTAL SENSIBLE HEATING (BTU/H PER ACTIVE LINEAL FOOT)	105 - 820	AIRFLOW RATE	25 CFM/ft max	
SOUND LEVEL (NC)	10 - 16	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.