

MODEL

- AHH - Active bulkhead 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
- 3 nozzle sizes available for more precise performance
- Right, left, or middle duct connection
- Right or left water coil connection
- Aluminum or steel double deflection grille
- 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: 39.375"
- Height: 10"

INLET SIZE

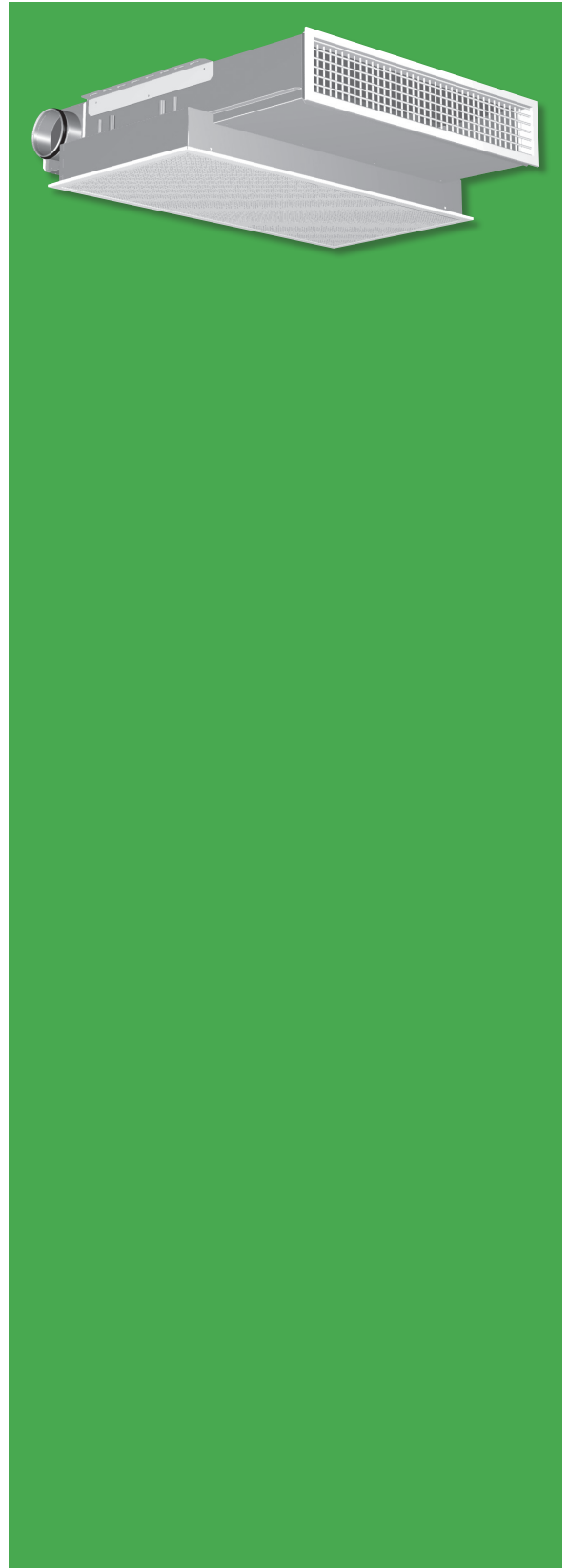
- Round: 5"

COMPATIBLE OPTIONS AND ACCESSORIES

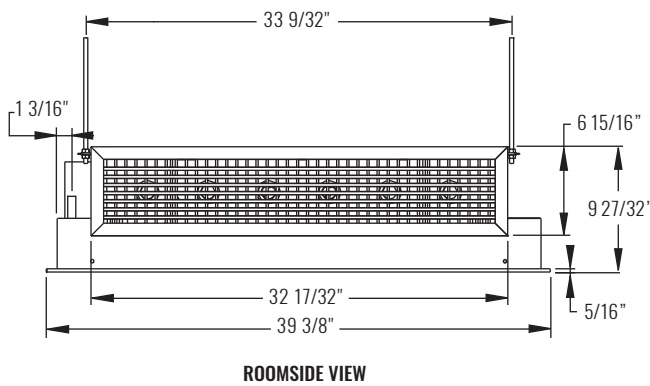
- Adjustable or max flow limit control valve with 24V or 230V ¹ actuator (factory mounted or shipped loose)
- Flexible hose connections

NOTES:

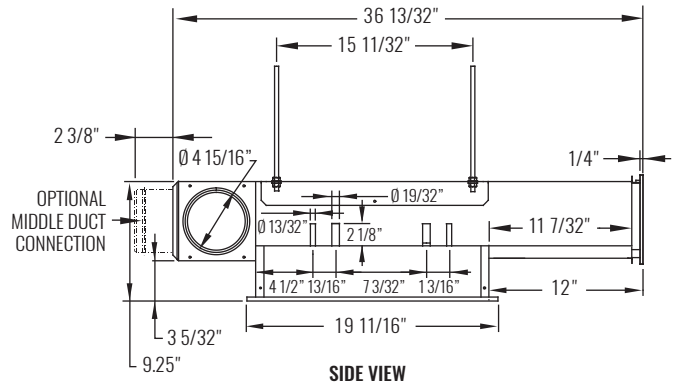
- ¹ Other voltages available on request.



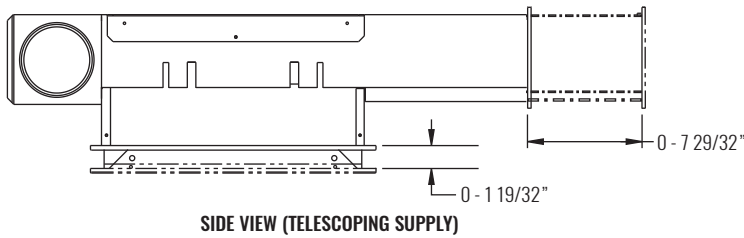
DIMENSIONAL DATA



ROOMSIDE VIEW



SIDE VIEW



SIDE VIEW (TELESCOPING SUPPLY)

NOTES: Left hand duct and coil connection shown. 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. Control valves are delivered factory fitted or loose. If control valves are factory fitted, the location of the pipe connections cannot be changed on site. Aluminum or steel double deflection supply grille for room air flow discharge control.

PERFORMANCE AND DESIGN DATA

PERFORMANCE		SUGGESTED DESIGN PARAMETERS		
DESCRIPTION	VALUE	DESCRIPTION	COOLING	HEATING
TOTAL SENSIBLE COOLING (BTU/H PER ACTIVE LINEAL FOOT)	450 - 2180	SUPPLY AIR TEMPERATURE	55 - 65°F	60 - 85°F
TOTAL SENSIBLE HEATING (BTU/H PER ACTIVE LINEAL FOOT)	315 - 3215	AIRFLOW RATE	25 CFM/ft max	
SOUND LEVEL (NC)	10 - 20	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.