

# AIB Induction Beams

Catalog





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# NuClimate Active Overhead Induction Beam

An Induction Beam takes a source of primary air at an inlet static pressure ranging from 0.2" to 0.8" of WC. It distributes this air through a bank of specially designed aerodynamic nozzles and discharges the air at a high velocity into a mixing chamber. This creates a differential pressure which enables a draw of room air across a coil. This imparts either cooling or heating to the induced air as it passes over the coil. The primary air and induced air are mixed and discharged through a grille in a coanda effect air distribution at the ceiling. This air circulates through-out the room and is gently drawn back up through the return section of the Induction Beam grille. The total room air circulation is created solely by the induction principle within the terminal. This eliminates the need for an electric motor and its power source. As a result, the Induction Beam is a very quiet and efficient way to provide comfort in a space. Unlike a conventional Chilled Beam, Induction Beams have drain pans as a standard. Induction Beams are most often referred to as a fan coil unit without the fan or motor. The drain pan adds a number of advantages that include; reduced system first cost, less mechanical equipment, simplified controls, increased design flexibility, and greater liability control.

Induction Beams provide a lower first cost option when compared to a traditional sensible only chilled beam system. Induction Beams can use much colder water temperatures thus providing much higher BTU/CFM ratio's. This usually equates to fewer beams being required to meet the room loads. Less beams can also mean less primary air is required. Induction Beams enhance the savings and effectiveness of primary air systems. When using Induction Beams, the primary air system, which includes the air handler and the supply and exhaust ductwork, can be sized to handle only the required ventilation air. This reduces the size of the equipment and ductwork making it easier to fit into a building space. This also reduces the energy required to supply the ventilation to the building. Induction beams do not require the elaborate controls associated with sensible only Chilled Beam systems to control condensation before it occurs. Also, Induction Beams do not require an additional piping loop with heat exchangers, mixing valves, booster pumps or condensate sensors to maintain the water temperature above the dew point, which is required in traditional sensible only Chilled Beam systems.

# Model AIB

## 1-Way & 2-Way Blow Ceiling Mounted Induction Beam

The model AIB is a 1-way or 2-way blow, ceiling mounted Induction Beam that is linear in dimension. The model AIB is available in 24" x 24", 48" x 24", and 72" x 24". It is offered in 4 series: Series 18 is low capacity, Series 24 is medium capacity, Series 31 is medium-high capacity, and Series 38 is high capacity. These units have a linear grille which discharges air through a single (2-way blow) or double (1-way blow) slot on the supply side. The return air is brought back to the unit through a perforated return section.

They are available in various dimensions and configurations and can be custom designed for a specific job. They were primarily created for areas that require between 9 CFM and 180 CFM of ventilation air. AIB units are available in 2- and 4-pipe configurations. These units have drain pans and can be designed to handle both sensible and latent loads in the occupied space.

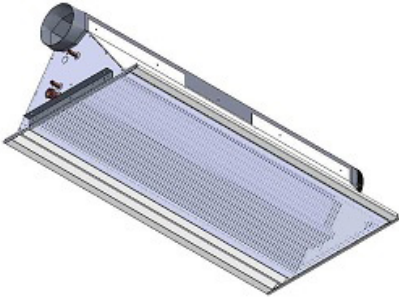
### AIB Induction Beams are perfect for:

- Office Space
- Dormitory Rooms
- Labs
- As a supplement to other Induction Beams



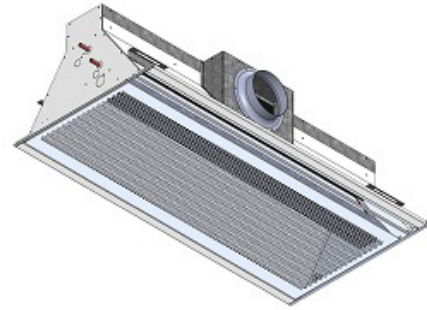
# Size Options

## 1 Way Models



**Model AIB1-SC (1 Way Blow Side Connection):**

- 2' x 2'
- 2' x 4'
- 2' x 6'



**Model AIB1-FC (1 Way Blow Front Connection):**

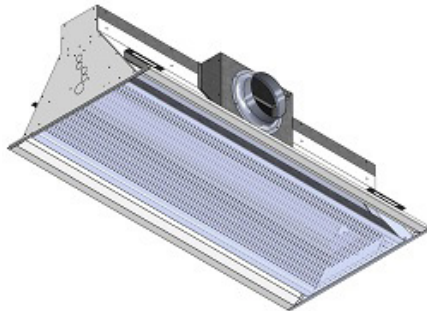
- 2' x 2'
- 2' x 4'
- 2' x 6'

## 2 Way Models



**Model AIB2-SC (2 Way Blow Side Connection)**

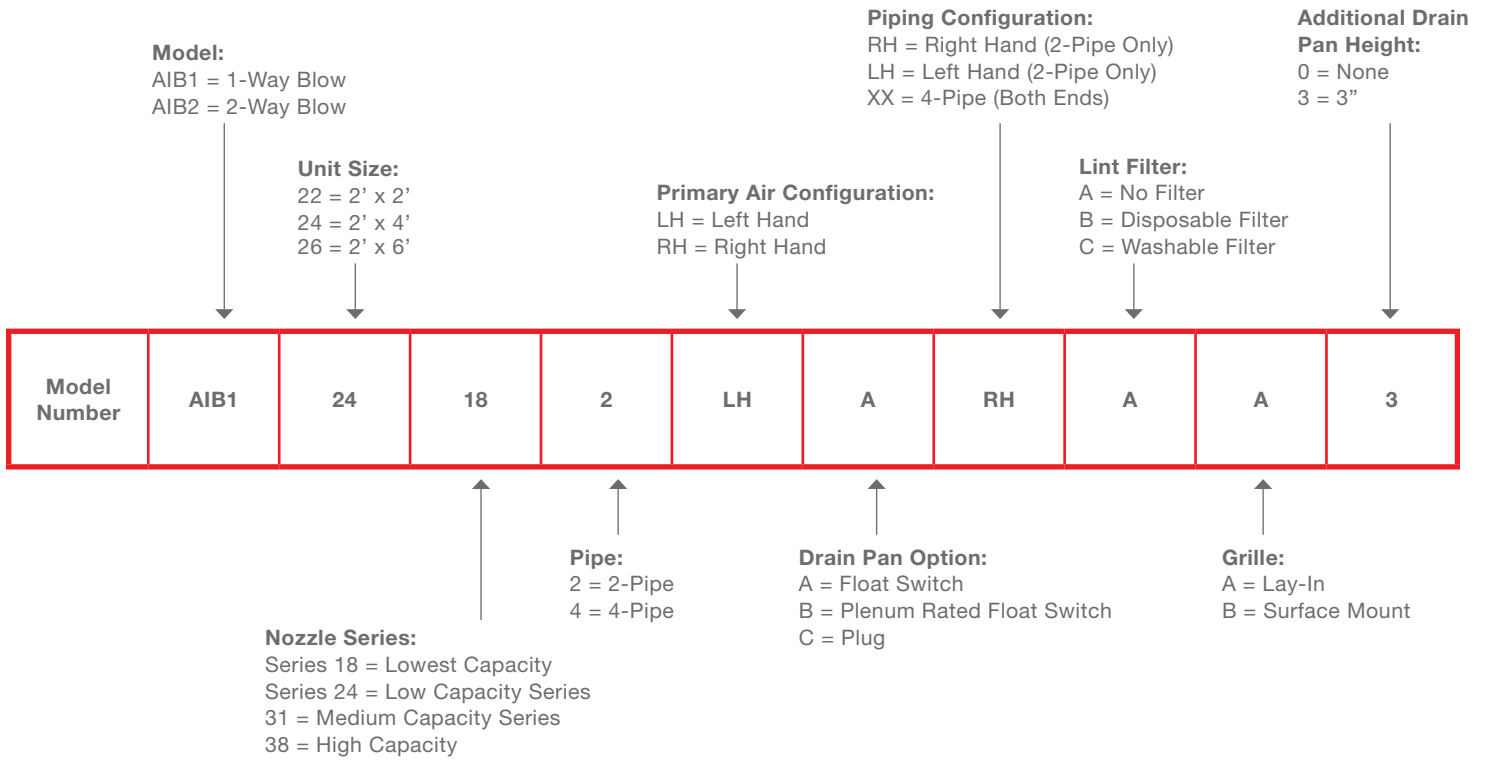
- 2' x 2'
- 2' x 4'
- 2' x 6'



**Model AIB2-FC (2 Way Blow Front Connection)**

- 2' x 2'
- 2' x 4'
- 2' x 6'

# Nomenclature



# Model Specifications

**Standard Dimensions:**

- 24" x 24", 24" x 48", 24" x 72"

**Height:**

- 14"

**Weight Dry:**

- 24" x 24" = 40 lbs., 24" x 48" = 58 lbs., 24" x 72" = 76 lbs.

**Weight Wet:**

- 24" x 24" = 56 lbs., 24" x 48" = 74 lbs., 24" x 72" = 92 lbs.

**Induction Beam Construction:**

- 20 gauge galvanized sheet metal construction

**Return Air Chamber:**

- Insulated
- Aerodynamically designed

**Primary Air Chamber:**

- 6" round collar primary air connection
- Primary air connection is available in right hand (RH) or left hand (LH) configurations

**Induction Nozzles:**

- Available in Size 18, 24, 31, or 38
- DuPont Hytrel 4069 engineered polymers
- Temperature range of -40F to 122F
- Rated in accordance with UL94 and UL746

**Fasteners:**

- Pop rivet SSD62SSBS 3/16 DIA. X .063-.125 grip range
- Typical ultimate strength in pounds; Shear 1000; Tensile 1375

**Grille:**

- 23<sup>3</sup>/<sub>4</sub>" x 23<sup>3</sup>/<sub>4</sub>", 23<sup>3</sup>/<sub>4</sub>" x 47<sup>3</sup>/<sub>4</sub>", 23<sup>3</sup>/<sub>4</sub>" x 71<sup>3</sup>/<sub>4</sub>" grille available in various colors
- Lay-in or Surface mount
- Grille is shipped attached to the unit



**Coils**

- 2-Pipe units are available in right hand (RH) or left hand (LH) piping configurations
- 2 row copper coil ½" OD
- Sheet Metal: 16 gauge galvanized
- Fins: 8 aluminum fins per inch
- Tested at 350 PSI water pressure
- All coils are ARI performance certified to the most current standard.

**Coil Connections**

- 2-Pipe Units: There is one common 3/4" CWS/HWS and one common 3/4" CWR/HWR on every unit
- 4-Pipe Units: There is one 3/4" CWS, one 3/4" HWS, one 3/4" CWR, and one 3/4" HWR on every unit.

**Drain Pans**

- Units have one ¾" CPVC or Copper drain pan connection
- 1½" deep with sloped bottom for drainage when required
- Drain pan extends out past coil return bends to catch any condensation
- Drain pans can be supplied with a float safety switch, a trap (not required), or a plug (sensible only applications)

**Interior Insulation**

- Sound Coat Sound Foam – "M" and "M" with surface film treatment. Acoustic quality, open cell, flexible polyether based urethane foam

**Pressure Tap:**

- Units can be supplied with a pressure tap on the primary air collar for easy balancing

**Mounting:**

- Bracket for use with wire hanging systems
- Contact factory for special hanging methods

**Float Switch:**

- Standard – Potted (electrically water sealed) reed magnetic switch
- Plenum rated – Switch components and wire are tested to UL 508 and UL 2043 listed
- No moving parts – Prewired with 6-foot UL CMP cable
- Suitable for use in plenum spaces
- 24 volts AC, 1.25 amp switching capacity

**Lint Filters (Optional):**

- 1/2" Cleanable Lint Screen—aluminum with woven nylon mesh
- 1/2" Fiberglass disposable panel filters complies with UL 217V

**Height Extension for Additional Pitch****for Gravity Drain(Optional):**

- Unit can be built adding an additional 3" to facilitate additional height for gravity drain pitch from drain pan
- Must be added to overall height dimension shown on drawing

**Exterior Insulation (Optional):**

- The exterior of the beam cabinet and the primary air tube shall be insulated at the factory with Armacell model AP sheet insulation. Insulation shall be ¼" thick to prevent beam cabinet from sweating.
- Thermal conductivity of 0.27 BTU-in/hr. ft<sup>2</sup> F per ASTM C 177 or C 518.
- Water vapor permeability of 0.08 (1.16 x 10<sup>-9</sup>) per ASTM E 96
- Water absorption % by volume of 0.2% per ASTM E 84
- Flame spread rating shall be 25 or less per ASTM E 84
- Smoke spread rating shall be 50 or less per ASTM E 84
- Upper temperature limit shall be 220F/105C
- Lower temperature limit shall be 70F/57C
- Specific compliance shall include ASTM C 534 Type II sheet grade 1, ASTM E 84, NFPA 255, UL 723, CAN/ULC S-102, UL94 5V-A, V-0, File E 55798, NFPA 90A, 90B, ASTM D 1056, 2B1, Mil-P-15280J Form S, Mil-C-3133C (Mil Std 670B) Grade SBE 3, MEA 107-89-M, City of Los Angeles –RR 7642, CGSB Can 2-51.40-M80, ASTM C 1534

# Unit Specifications

## Summary

- A. This section describes Active Overhead Induction Beams.
- B. Model AIB1 or AIB2 – Size 24" x 24", 48" x 24", and 72" x 24"

## Submittals

- A. Submit as specified herein.
- B. Submit for review product data for all items. Data shall be complete with the following information:
  1. Operating weight and dimensions of assembled units.
  2. Performance data, including water-tube, air flow, water pressure drop, air-side pressure drop, and noise and air velocities.
  3. Construction details, including materials of construction and fastening methods.
  4. Certified test data for air and sound for each beam.
  5. Coils must be ARI certified to the most current standard.

## Warranty

- A. Units shall be warranted against failures on parts for a period of 18 months from shipment or 12 months from startup, whichever occurs first. The on-board heating and cooling coil shall carry a 5 year limited warranty on equipment failure.
- B. In-warranty labor shall be the responsibility of the installing contractor within the 12 month in-warranty period. Contractor must submit a detail worksheet on completed 12 month warranty before payment.

## Manufacturers

- A. Units shall be as manufactured by NuClimate Air Quality Systems, model AIB1 or AIB2 with supplied 24" x 24", 48" x 24", or 72" x 24" diffuser as specified on drawings.
- B. Considering the innovative technology utilized to engineer and manufacturer the applied equipment specified for this project the following substitution considerations shall apply to any manufacture requesting prior approval.
- C. Fifteen day prior to bid date any manufacturer who would like to be considered shall submit the following:
  1. Audited financial statements demonstrating the capital strength of the manufacturer to be considered given the nature of the owners resource in the event of any product application challenges.
  2. Detailed organization chart listing all degreed engineers with resumes documenting their experience directly relating to high performance low pressure heat transfer systems.
  3. Company documentation of their channel of distribution for the manufacturer listing the local representative and the projects that the local representative has completed utilizing this specific technology.
  4. Complete listing of all installation the manufacturer has shipped nationally including school name, engineering firm, construction manager, and contacts.
  5. Submittal documentation for every product proposed including schedule and performance for each with physical and thermal calculations.

6. Control sequence recommendations and guidelines to eliminate all indoor air quality concerns.
7. Service organization credentials listing all service technicians, their location, and experience servicing this specific technology systems.
8. Any and all costs associated with using a substituted product shall be the responsibility of the Mechanical contractor. This includes but is not limited to redesign fees, additional piping and ductwork, and controls required.

## General

- A. It is the design intent of these specifications to provide a fully integrated HVAC system with all parts working together. These Induction Beams need clean, dehumidified primary air from a Dedicated Outdoor Air System (DOAS) unit, hot and chilled water from a boiler and chiller, piping, and controls to coordinate each component to perform as intended. In addition to the items mentioned above that are specified on other sections in division 15, wiring and power requirements in division 16 may also be impacted. Changes, modifications, or substitutions on any component will impact all the other parts of the system and can not be made without a careful review of all related specifications.
- B. Induction Beam unit shall be primary air flow units designed to induce a secondary airflow within the conditioned space using the primary conditioned air supply. Units shall be designed for ceiling installation with factory supplied hanging brackets. Hanger rods or other approved hanging system to be field supplied and installed in the field by installing contractor.
- C. Units shall be equipped with a 6" round duct primary air intake, one air plenum tube with air induction nozzles, chilled/hot water coil(s), supply and a return chilled water piping connections, supply and return hot water piping connections, one sloped 1 1/2" deep drainable condensate pan with a 3/4" condensate drain connection, and one combination supply /return air grille suitable for 1-way or 2-way coanda effect room air distribution. The grille shall have a hinged core to provide full access to the return air side of the coil. The unit shall be capable of inducing the secondary airflow within the conditioned space using the velocity pressure of the primary airflow. This secondary air must flow directly from the room to the unit and shall not use the ceiling as a return air plenum. Induction beams using the ceiling plenum as a return air path are not acceptable.
- D. The primary air plenum tube shall be one piece. The primary air intake connection shall have the ability for rearrangement in the field by the installing contractor. Each unit shall have an end cap for the primary air plenum tube supplied by the factory.
- E. A static pressure port is factory supplied on the aerodynamic inlet tube so the balancing contractor can read via a pressure airflow gauge the inlet pressure to the induction beam and set the proper pressure to meet the airflow schedules on the drawings.

- F.** Each AIB unit shall be equipped with a multiple row water coil for chilled water and hot water. Latent conditioning of the primary air supplied to the space shall be performed at the Dedicated Outdoor Air unit and controlled by exhaust air humidity sensors. Humidity within the building envelope is to be controlled to not exceed 55% relative humidity.
- G.** The AIB unit has one drain pan and one drain pan connection. This drain pan shall be 1 ½" in depth and sloped in the direction of the condensate connection. The drain pan outlet connection shall be a ¾" copper FNPT fitting. CPVC connections are also available upon request.
- H.** When the Induction beam is being used for latent conditioning the drain pan shall be connected to a building drainage system by the installing contractor. For sensible only, non drainable applications, the sloped 1 ½" deep drainable condensate pan shall be provided with a UL approved safety float switch shipped loose for field installation by the installing contractor. Wiring of the float switch is to be done by the contractor in the field and connected to the DDC controls by the ATC.
- I.** The AIB unit shall contain an integral factory supplied supply/return diffuser to evenly distribute the mixed primary air in a linear 1-way or 2-way blow coanda effect air distribution pattern. The diffuser shall incorporate a single slot in each direction (2-way blow) or double slot in one direction (1-way blow) for the supply air to the space. The diffuser shall fit into a standard ceiling grid. The grille return section shall be perforated. The grille shall be hinged for easy access to the interior of the unit without tools. Access to the unit interior shall occur through the grille face from within the occupied space. Grille latches and hinges shall be concealed.
- J.** A test report showing the velocities within the space and the throw values shall be included in the approval process. Noise levels shall be certified below NC35 at 0.8" primary air inlet pressure. The primary air connection is a single 6" diameter aerodynamic inlet tube, which directs the primary air to the nozzles.

## Casings

- A.** The entire unit shall be constructed of 20 gauge galvanized sheet metal. The exterior casing shall be powder coated white. The primary air plenum tube and nozzles shall be designed and configured to provide uniform air distribution with low noise operation to all nozzles.

## Induction Nozzels

- A.** Induction nozzles shall be aerodynamically designed and made of DuPont Hytrel 4069 engineering polymers with a temperature range of -40 to 122 degrees and tested and rated by test method UL94 and UL746. Each nozzle shall incorporate a tapered design allowing the airflow to enter the nozzle more.

## Water Coil Assembly

- A.** Coils shall be of the hot and chilled water type utilizing aluminum fins and copper tubes. Coils shall be two or four pipe configuration as scheduled. Coils shall be mounted vertically not horizontally. Coil connections shall be ¾" sweat connections or as indicated on the drawings.
- B.** Each coil must be one flat plate assemblies with no interconnecting joints to minimize leakage. Coils shall be built of minimum ½" seam-less copper tubing. Copper tube wall shall be a minimum .016 thickness. Coils shall be factory leak tested at 350 PSI water. Each coil shall be of the fin plate design surrounding the copper tube wall via fin spacing of 8 fins per inch. Fins shall be mechanically bonded to copper tubes. Each coil shall be enclosed on the ends with sealed flanges to eliminate leakage around the coil.
- C.** A water coil assembly shall consist of a two row thick copper tube with aluminum fin coil(s) for cooling and heating. A drainable condensate pan shall be provided to collect any condensate that might form. Drip trays are unacceptable as a drain pan.
- D.** Control valves for cooling and heating can control one or more induction unit in a given zone. Control valves for the units shall be supplied by the Automatic Temperature Control Contractor.

## Quality Assurance

- A.** All Induction Beams shall be tested for performance, throws, and sound levels. Test reports shall be submitted with contractor submittals.

## Control Systems

- A.** All controls shall be provided by the Automatic Temperature Control Contractor.

## Additional Height for gravity drain (optional)

- A.** To accommodate long drain line runs the Induction Beam cabinet can be provided with an additional 3" of height. The additional height allows the drain pan connections to be 6.15" above the ceiling line instead of the standard 3.15".

### Exterior Cabinet Insulation (optional)

- A.** The exterior of the beam cabinet and the primary air tube shall be insulated at the factory with Armacell model AP sheet insulation. Insulation shall be ¼” thick and shall meet the following criteria:
  1. Thermal conductivity of 0.27 BTU-in/hr. ft<sup>2</sup> F per ASTM 177 or C 518.
  2. Water vapor permeability of 0.08 (1.16 x 10<sup>-10</sup>) per ASTM E 96
  3. Water absorption % by volume of 0.2% per ASTM E 84
  4. Flame spread rating shall be 25 or less per ASTM E 84
  5. Smoke spread rating shall be 50 or less per ASTM E 84
  6. Upper temperature limit shall be 220F/105C
  7. Lower temperature limit shall be 70F/57C
  8. Specific compliance shall include ASTM C 534 Type II sheet grade 1, ASTM E 84, NFPA 255, UL 723, CAN/ULC S-102, UL94 5V-A, V-0, File E 55798, NFPA 90A, 90B, ASTM D 1056, 2B1, Mil-P-15280J Form S, Mil-C-3133C (Mil Std 670B) Grade SBE 3, MEA 107-89-M, City of Los Angeles – RR 7642, CGSB Can 2-51.40-M80, ASTM C 1534

### Lint Filters (optional)

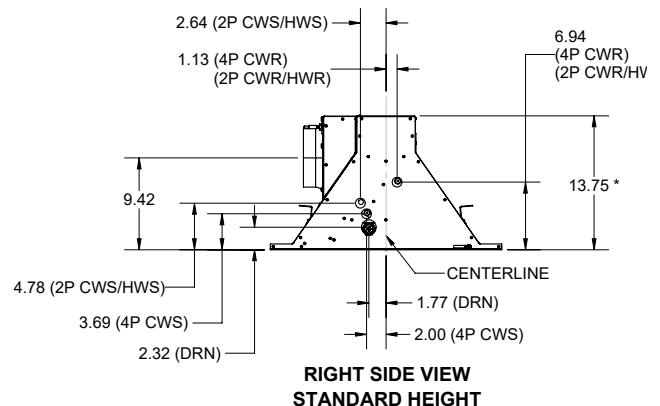
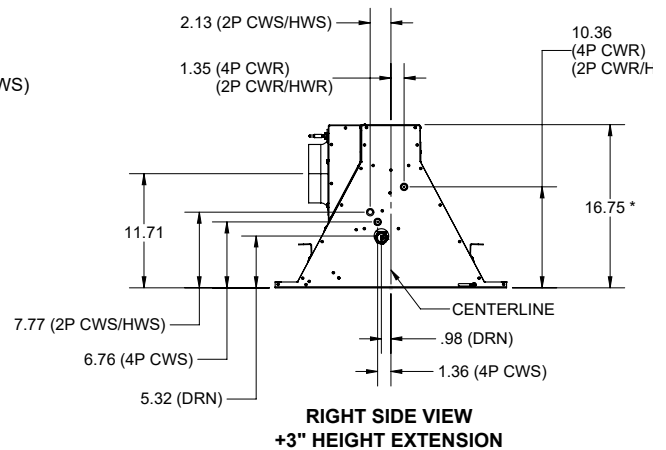
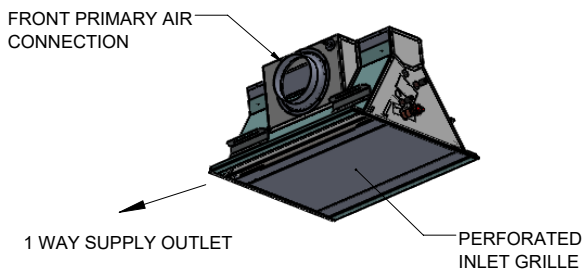
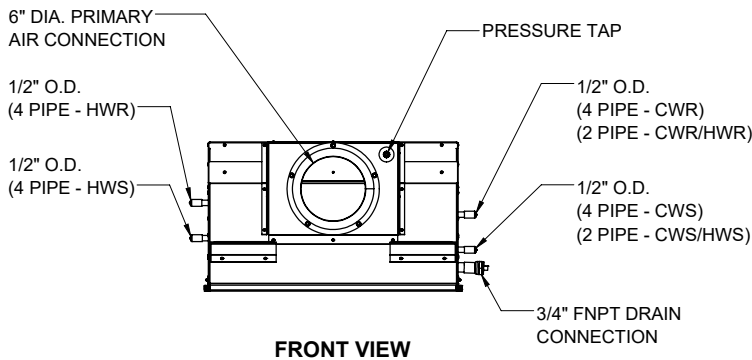
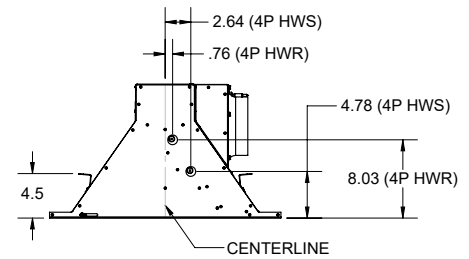
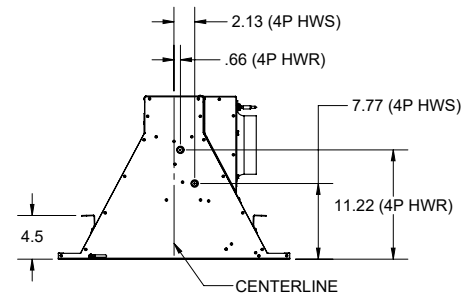
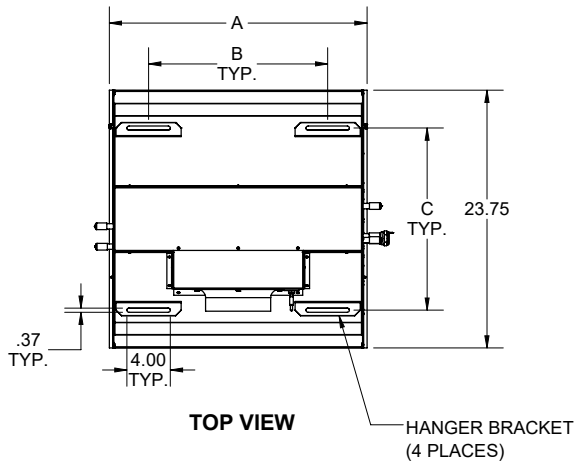
- A.** Lint filters shall be supplied by the beam manufacturer as washable or disposable type.
- B.** Washable filters are ½” in depth and have an aluminum frame with woven nylon mesh media.
- C.** Disposable panel filters are ½” in depth and have fiberglass media. Disposable filter comply with UL 217V.

### Installation

- A.** Follow manufacturer’s installation instructions and recommendations for all equipment.
- B.** Install Induction Beams in ceiling in such a manner as to allow easy access to all controls.
- C.** Use the hanging brackets on each unit which are supplied by the manufacturer. Induction beams shall be supported using field supplied threaded rod or other secure hanging systems.
- D.** Provide primary supply air connection and seal with duct sealer after installation. A volume control balancing damper shall be installed at the branch takeoffs for each induction beam for the air balancing contractor. A static pressure port is factory supplied on the aerodynamic inlet tube so the balancing contractor can read via a pressure airflow gauge the inlet pressure to the induction beam and set the proper pressure to meet the airflow schedules on the drawings.
- E.** Provide water supply / return connection and install shut off valves and temperature control valves.
- F.** Connect the condensate drain to available building drains if required on plans. Connect and wire safety float switch if provided in sensible only applications.

# Dimensions and Data

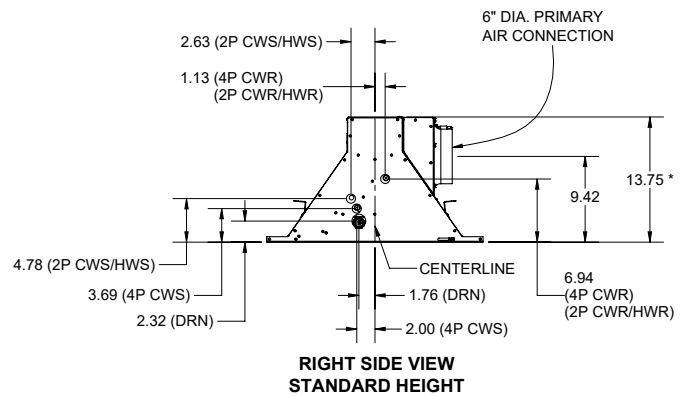
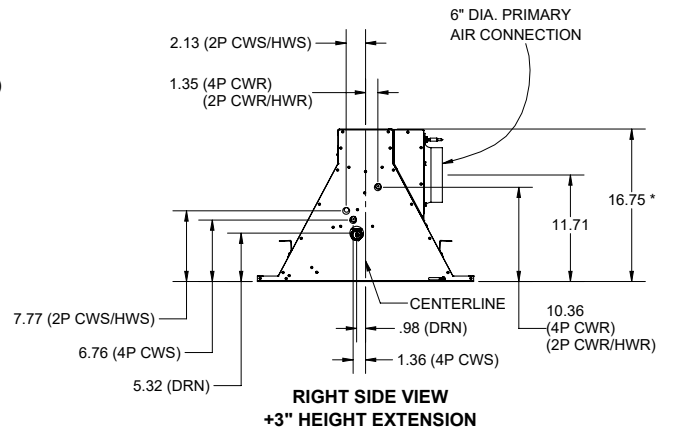
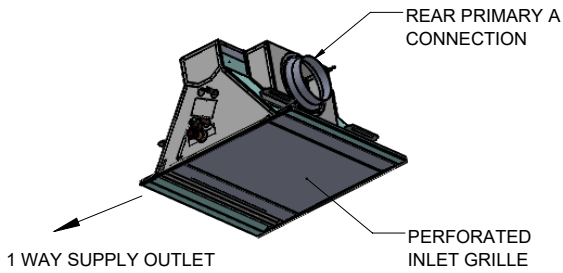
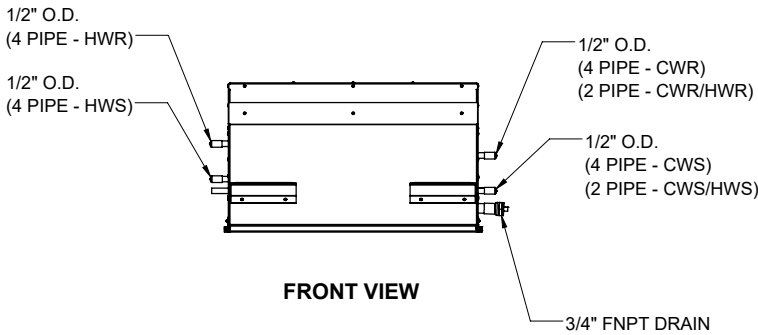
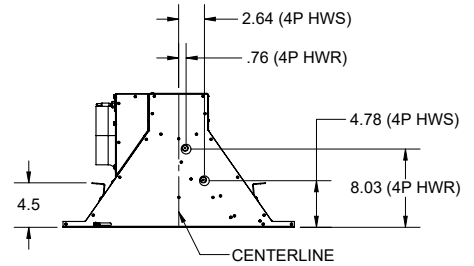
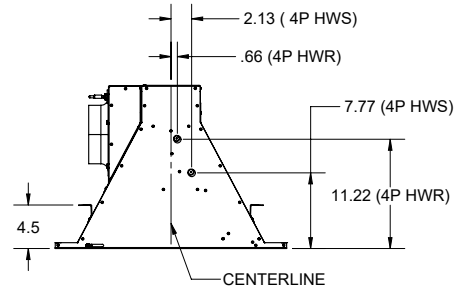
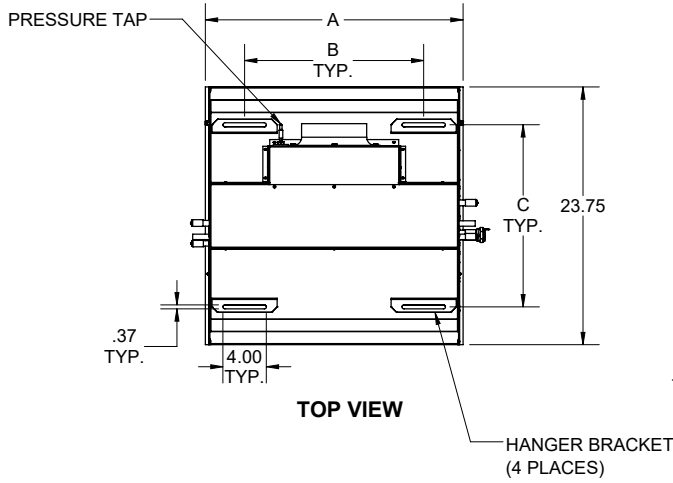
## Front Primary Air, 1 Way Left Hand Coil Connection



### Dimensional Data

Unit Length	A	B	C(STD)	C(+3)"
2'	23.75	16.50	16.78	17.93
4'	47.75	40.50		
6'	71.75	64.50		

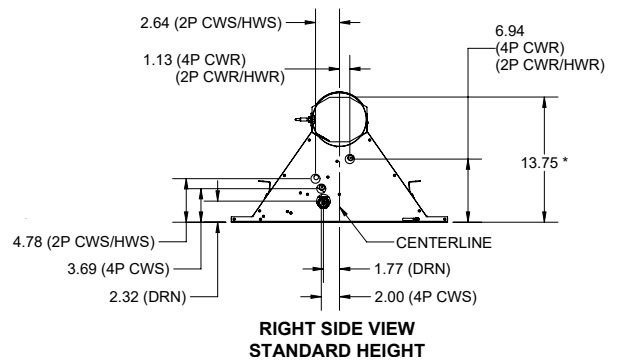
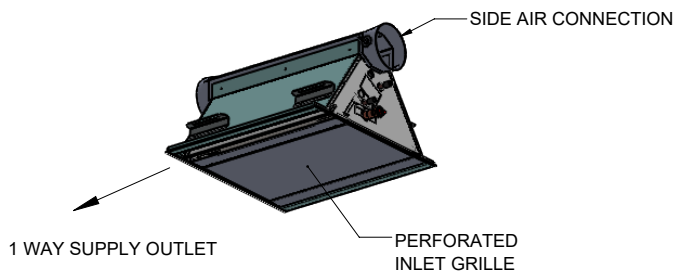
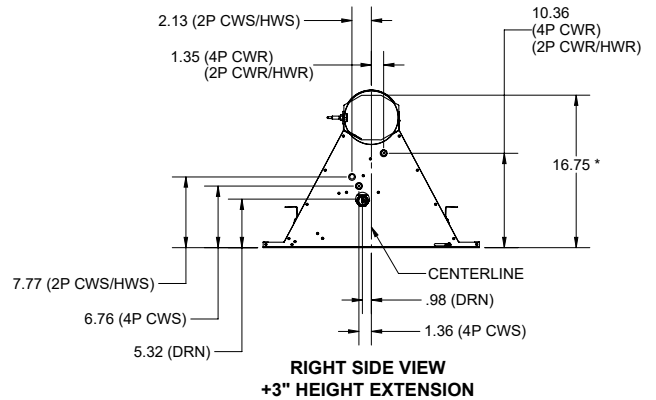
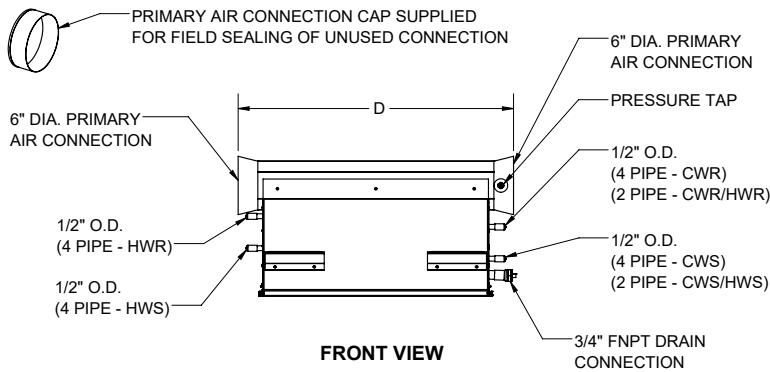
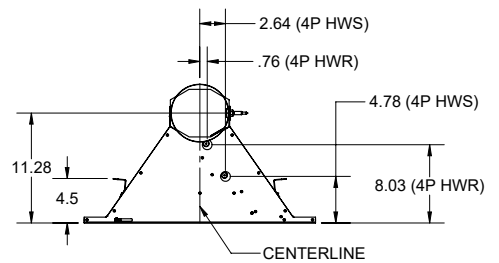
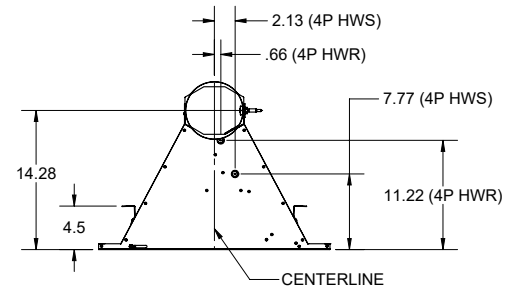
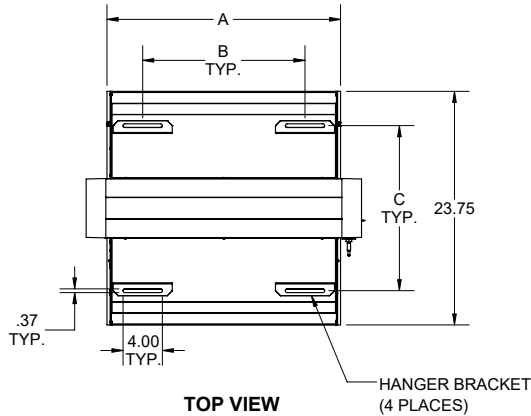
**Rear Primary Air,  
1 Way Right Hand Coil Connection**



**Dimensional Data**

Unit Length	A	B	C(STD)	C(+3)"
2'	23.75	16.50	16.78	17.93
4'	47.75	40.50		
6'	71.75	64.50		

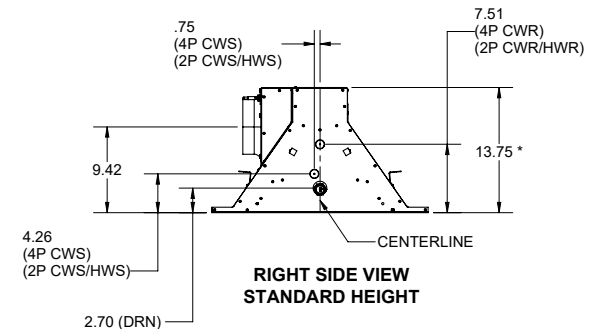
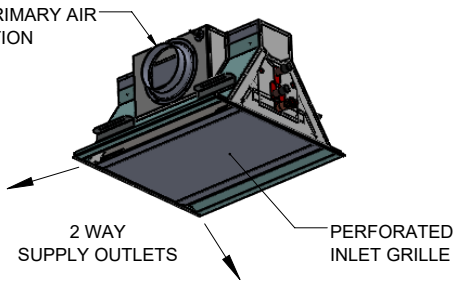
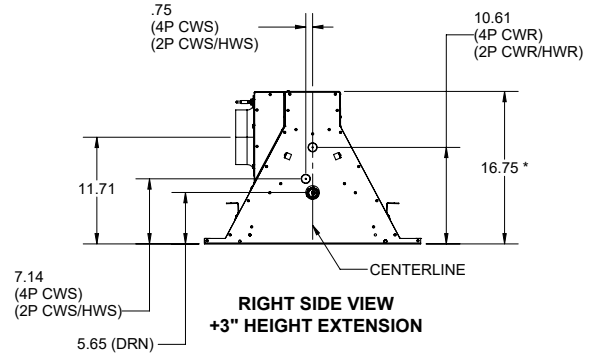
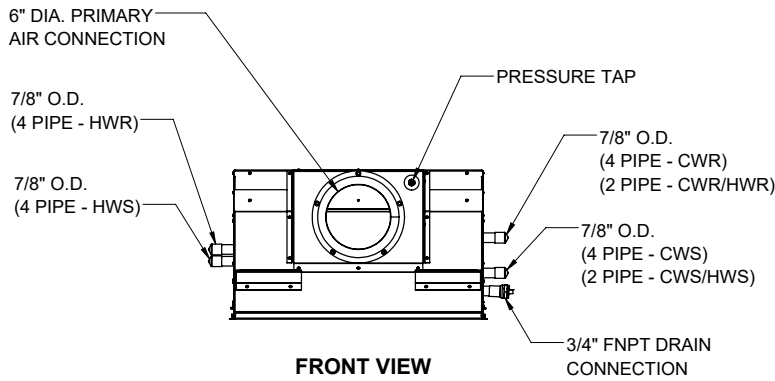
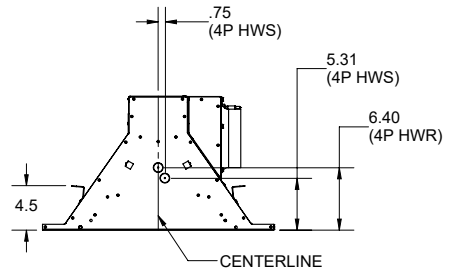
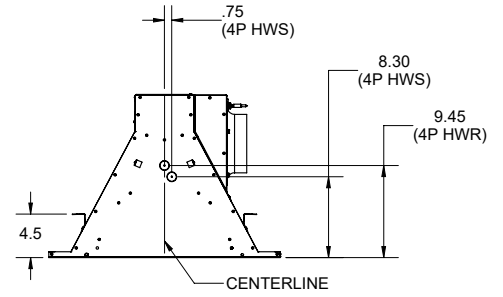
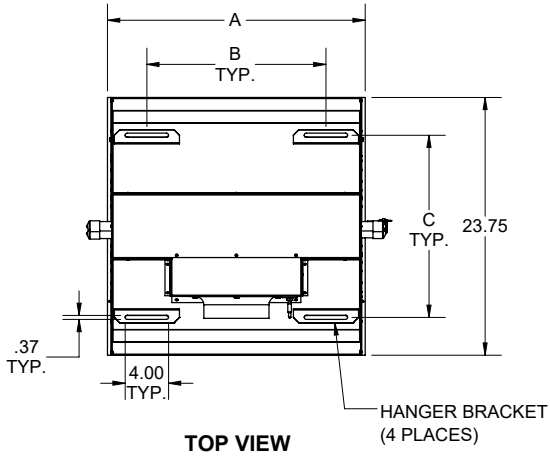
## Side Primary Air, 1 Way Right Hand Coil Connection



### Dimensional Data

Unit Length	A	B	C (STD)	C (+3")	D
2'	23.75	16.50	16.78	17.93	28
4'	47.75	40.50			52
6'	71.75	64.50			76

**Front Primary Air,  
2 Way Left Hand Coil Connection**

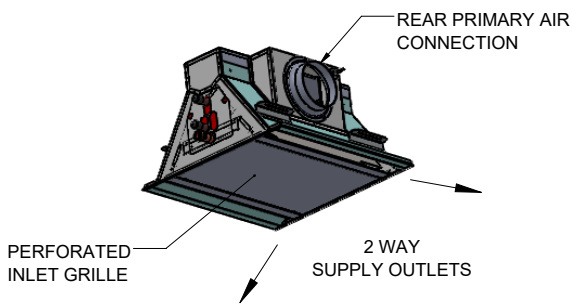
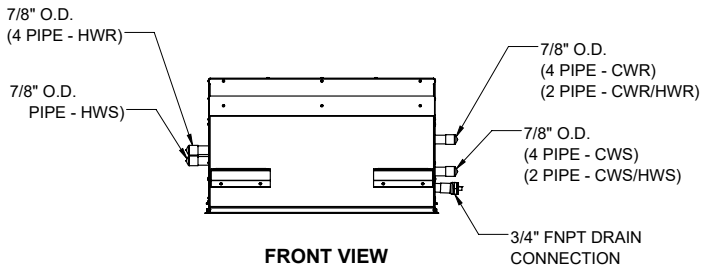
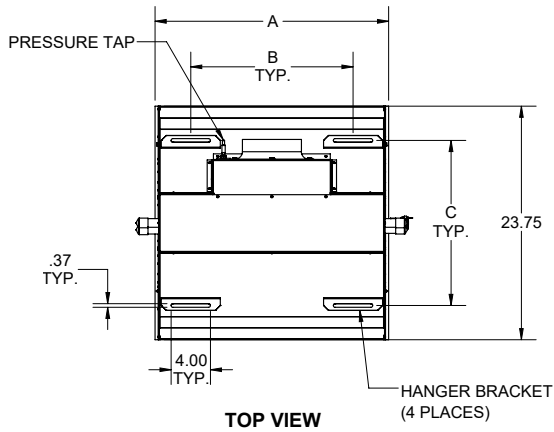


**Dimensional Data**

Unit Length	A	B	C(STD)	C(+3)"
2'	23.75	16.50	16.78	17.93
4'	47.75	40.50		
6'	71.75	64.50		

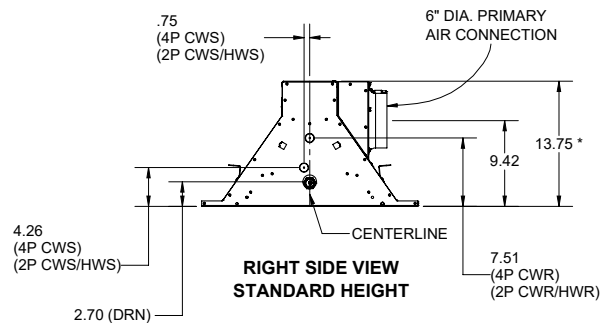
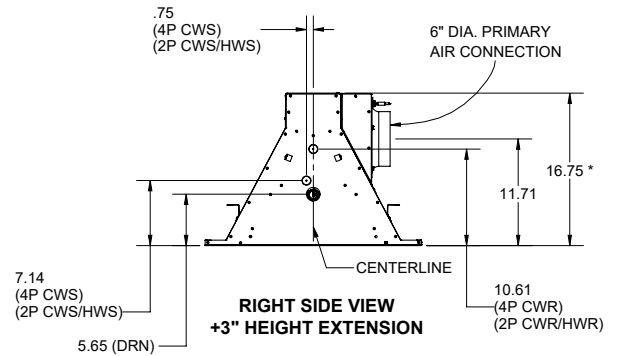
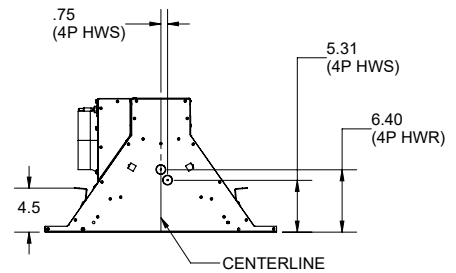
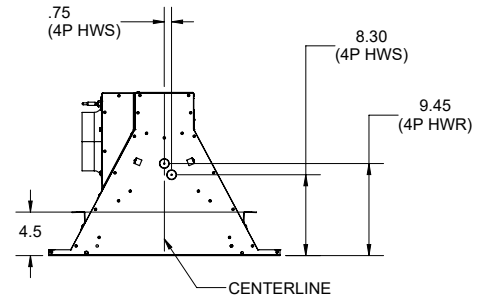


## Rear Primary Air, 2 Way Left Hand Coil Connection

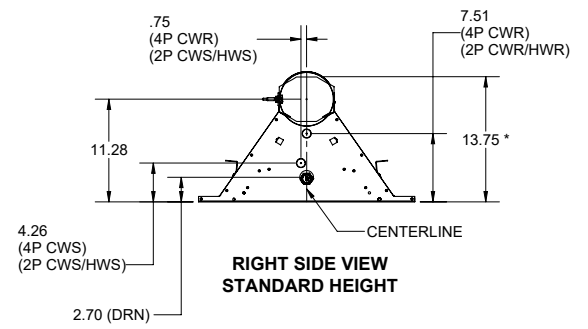
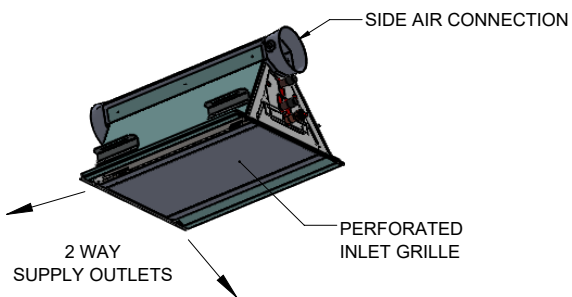
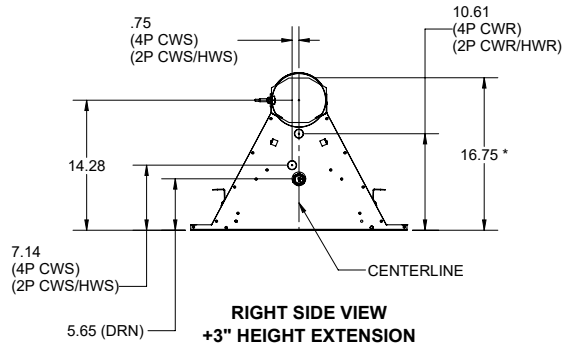
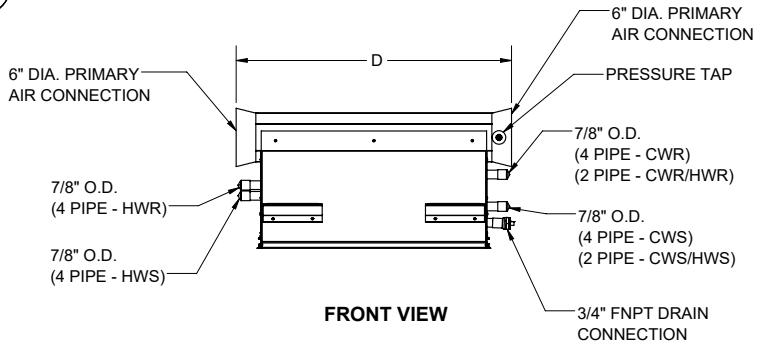
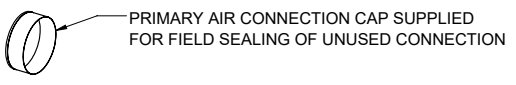
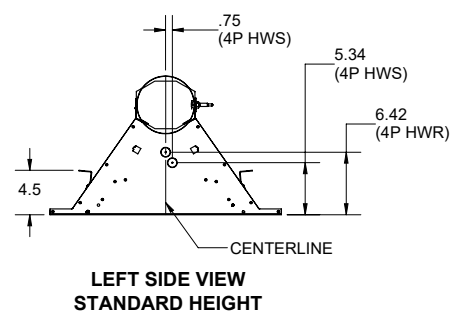
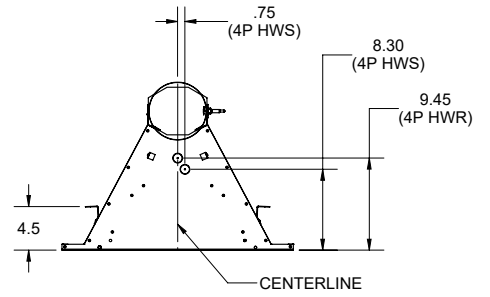
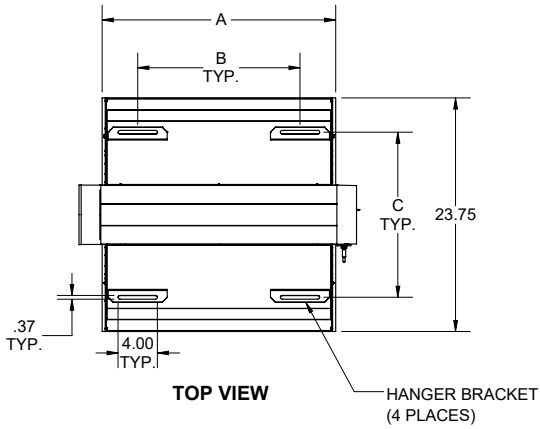


### Dimensional Data

Unit Length	A	B	C(STD)	C(+3")
2'	23.75	16.50		
4'	47.75	40.50	16.78	17.93
6'	71.75	64.50		



**Side Primary Air,  
2 Way Left Hand Coil Connection**



**Dimensional Data**

Unit Length	A	B	C (STD)	C (+3")	D
2'	23.75	16.50			28
4'	47.75	40.50	16.78	17.93	52
6'	71.75	64.50			76

# AIB 2-Way Blow Performance

AIB222-18 2-Pipe																
Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	9	58	67	1	49.8	50.2	49.2	0.27	1512	884	0.099	1	115.3	108.1	0.22	2346
0.4	11	70	81	1	50.7	51.1	49.8	0.27	1785	1037	0.117	1	114.5	106.3	0.22	2731
0.6	13	83	96	1	51.1	52.8	51.3	0.27	1957	1073	0.121	1	113.8	104.7	0.22	3085
0.8	15	96	111	1	51.5	54.1	52.4	0.27	2121	1101	0.124	1	113.1	103.3	0.22	3414
0.2	9	58	67	3	46.8	47.9	46.9	2.27	1654	1052	0.118	3	118.3	110.2	1.8	2473
0.4	11	70	81	3	47.1	48.9	47.7	2.27	1947	1229	0.138	3	118	108.6	1.8	2908
0.6	13	83	96	3	47.4	49.7	48.3	2.27	2231	1403	0.158	3	117.8	107.3	1.8	3316
0.8	15	96	111	3	47.6	51.3	49.7	2.27	2414	1462	0.164	3	117.5	106.5	1.8	3702

AIB222-18 4-Pipe																
Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	9	58	67	1	49.7	51.1	49.8	0.2	1458	858	0.096	1	118.3	98	0.05	863
0.4	11	70	81	1	50.1	53.2	51.6	0.2	1627	893	0.1	1	118	96.1	0.05	982
0.6	13	83	96	1	50.5	52.8	54.7	0.2	1786	920	0.103	1	117.8	94.5	0.05	1089
0.8	15	96	111	1	51.5	54.1	52.4	0.2	2121	1101	0.124	1	113.1	103.3	0.05	1188
0.2	9	58	67	3	46.8	48.7	47.4	1.7	1606	1032	0.116	3	119.4	99.3	0.44	903
0.4	11	70	81	3	46.9	51	49.5	1.7	1793	1095	0.123	3	119.3	97.5	0.44	1035
0.6	13	83	96	3	47.2	51.6	49.5	1.7	2062	1262	0.142	3	119.2	96	0.44	1156
0.8	15	96	111	3	47.4	53.1	51.1	1.7	2232	1314	0.148	3	119.1	94.7	0.44	1267

AIB222-24 2-Pipe																
Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	15	77	92	1	50.9	52	50.6	0.27	1875	1057	0.119	1	114.3	105.5	0.22	2916
0.4	19	95	114	1	51.5	54.1	52.4	0.27	2118	1100	0.124	1	113.2	103.3	0.22	3409
0.6	22	115	137	1	52	55.7	53.7	0.27	2346	1130	0.127	1	112.2	101.5	0.22	3853
0.8	26	133	159	1	52.5	56.9	54.6	0.27	2580	1150	0.129	1	111.4	99.9	0.22	4259
0.2	15	77	92	3	47.2	49.9	48.6	2.27	2046	1264	0.142	3	117.9	107.2	1.8	3120
0.4	19	95	114	3	47.6	51.2	49.7	2.27	2411	1461	0.164	3	117.5	106.1	1.8	3695
0.6	22	115	137	3	48	52.3	50.5	2.27	2759	1651	0.186	3	117.2	104.5	1.8	4229
0.8	26	133	159	3	48.2	53.7	51.7	2.26	3003	1723	0.194	3	116.8	103.2	1.8	4727

AIB222-31 4-Pipe																
Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	25	101	126	1	50.9	56.4	54.2	0.2	1993	945	0.106	1	117.5	92.7	0.05	1225
0.4	30	123	153	1	51.4	57.9	55.3	0.2	2225	963	0.108	1	117.2	90.9	0.05	1370
0.6	36	144	180	1	51.9	59	56.2	0.2	2439	969	0.109	1	117	89.5	0.05	1500
0.8	41	166	207	1	51.9	60.4	57.3	0.2	2559	847	0.095	1	116.7	88.3	0.05	1618
0.2	25	101	126	3	47.4	53.6	51.5	1.7	2297	1333	0.15	3	119.1	94.2	0.44	1310
0.4	30	123	153	3	47.8	54.6	52.3	1.7	2654	1520	0.171	3	119	92.5	0.44	1478
0.6	36	144	180	3	48	56	53.4	1.7	2904	1586	0.178	3	118.9	91.2	0.44	1631
0.8	41	166	207	3	48.2	57.1	54.2	1.7	3142	1644	0.185	3	118.8	90	0.44	1772

**AIB222-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	35	111	146	1	51.9	55.4	53.5	0.27	2301	1125	0.126	1	112.4	101.8	0.22	3767
0.4	43	137	180	1	52.6	57.1	54.8	0.27	2601	1153	0.13	1	111.3	99.6	0.22	4334
0.6	52	163	215	1	53.2	58.4	55.8	0.27	2876	1164	0.131	1	110.2	97.7	0.22	4839
0.8	60	190	250	1	53.3	59.8	56.9	0.27	3052	1044	0.117	1	109.3	96.1	0.22	5293
0.2	35	111	146	3	47.9	51.9	50.2	2.27	2709	1635	0.184	3	117.2	104.8	1.8	4125
0.4	43	137	180	3	48.2	54	51.9	2.26	3050	1736	0.195	3	116.8	102.9	1.8	4821
0.6	52	163	215	3	48.6	55	52.7	2.26	3460	1934	0.217	3	116.3	101.3	1.8	5460
0.8	60	190	250	3	48.9	56.3	53.6	2.26	3763	2009	0.226	3	115.9	99.9	1.8	6051

**AIB222-38 4-Pipe**

0.2	35	111	146	1	51.2	57.1	54.7	0.2	2099	955	0.107	1	117.4	91.8	0.05	1292
35	43	137	180	1	51.7	58.7	55.9	0.2	2369	969	0.109	1	117.1	89.9	0.05	1458
111	52	163	215	1	51.8	60.3	57.2	0.2	2536	848	0.095	1	116.8	88.4	0.05	1605
146	60	190	250	1	52.3	61.2	57.8	0.2	2769	835	0.094	1	116.5	87.1	0.05	1746
1	35	111	146	3	47.5	54.4	52.2	1.7	2419	1369	0.154	3	119.1	93.4	0.44	1387
51.2	43	137	180	3	48	55.6	53.1	1.7	2821	1565	0.176	3	118.9	91.6	0.44	1581
57.1	52	163	215	3	48.2	57	54.2	1.7	3114	1638	0.184	3	118.8	90.1	0.44	1756
54.7	60	190	250	3	48.4	58.1	55	1.69	3391	1699	0.191	3	118.7	88.9	0.44	1915

**AIB222-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	27	173	200	1	57.3	52.8	51.8	0.8	4071	2017	0.227	1	106.9	105.3	0.65	6520
0.4	33	211	244	1	58.4	54.5	53.2	0.8	4593	2065	0.232	1	104.9	103.1	0.65	7482
0.6	39	250	289	1	59.1	56.1	54.6	0.8	4998	1968	0.221	1	103.2	101.3	0.65	8341
0.8	45	288	333	1	60	57.1	55.4	0.8	5458	1962	0.221	1	101.2	99.6	0.65	9113
0.2	27	173	200	3	50.3	48.5	47.6	6.8	4855	2991	0.336	3	115.2	109.6	5.43	7317
0.4	33	211	244	3	51.1	49.8	48.7	6.79	5635	3389	0.381	3	114.2	108	5.44	8568
0.6	39	250	289	3	51.8	50.9	49.6	6.78	6383	3769	0.424	3	113.5	106.5	5.44	9734
0.8	45	288	333	3	52.4	52	50.6	6.78	7014	4022	0.452	3	112.7	105.2	5.44	10827

**AIB222-18 4-Pipe**

0.2	27	173	200	1	56.5	54	52.7	0.6	3849	1853	0.208	1	114.8	98.1	0.16	2598
0.4	33	211	244	1	57.2	56	54.4	0.6	4252	1774	0.2	1	114.1	96.1	0.16	2948
0.6	39	250	289	1	58.1	57.2	55.3	0.6	4706	1782	0.2	1	113.4	94.5	0.16	3263
0.8	45	288	333	1	58.9	58.2	56	0.6	5132	1770	0.199	1	112.8	93.1	0.16	3549
0.2	27	173	200	3	49.9	50.2	49	5.1	4541	2723	0.306	3	118.1	100.1	1.35	2779
0.4	33	211	244	3	50.6	51.4	50	5.1	5282	3106	0.349	3	117.9	98.2	1.35	3185
0.6	39	250	289	3	51.2	52.7	51	5.09	5901	3361	0.378	3	117.6	96.7	1.35	3557
0.8	45	288	333	3	51.8	53.7	51.9	5.09	6495	3599	0.405	3	117.4	95.3	1.35	3901

### AIB222-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	45	231	276	1	59	55.2	53.8	0.8	4847	2079	0.234	1	104	102.2	0.65	7933
0.4	56	287	343	1	60	57.1	55.4	0.8	5450	1962	0.221	1	101.7	99.6	0.65	9099
0.6	67	344	411	1	60.8	58.5	56.5	0.79	6003	1801	0.203	1	99.6	97.5	0.65	10188
0.8	78	400	478	1	61.8	59.4	57.2	0.79	6593	1727	0.194	1	97.8	95.7	0.65	10992
0.2	45	231	276	3	51.5	50.4	49.2	6.79	6019	3583	0.403	3	113.8	107.2	5.44	9175
0.4	56	287	343	3	52.4	52	50.5	6.78	7004	4020	0.452	3	112.7	105.2	5.44	10807
0.6	67	344	411	3	53.2	53.4	51.7	6.77	7849	4313	0.485	3	111.7	103.5	5.45	12299
0.8	78	400	478	3	53.8	54.8	52.8	6.76	8565	4465	0.502	3	110.8	102	5.45	13674

### AIB222-24 4-Pipe

0.2	45	231	276	1	57.7	56.6	54.9	0.6	4488	1782	0.2	1	113.7	95.2	0.16	3113
0.4	56	287	343	1	58.9	58.2	56	0.6	5124	1770	0.199	1	112.9	93.1	0.16	3543
0.6	67	344	411	1	59.6	59.5	57.1	0.6	5628	1602	0.18	1	112.1	91.4	0.16	3922
0.8	78	400	478	1	60.1	60.6	57.9	0.6	6093	1403	0.158	1	111.4	89.9	0.16	4262
0.2	45	231	276	3	51	51.9	50.4	5.09	5647	3293	0.37	3	117.7	97.4	1.35	3379
0.4	56	287	343	3	51.8	53.7	51.8	5.09	6486	3598	0.405	3	117.4	95.4	1.35	3895
0.6	67	344	411	3	52.4	55.3	53.1	5.08	7189	3757	0.423	3	117.1	93.7	1.35	4360
0.8	78	400	478	3	53	56.3	53.9	5.07	7938	4002	0.45	3	116.8	92.4	1.35	4785

### AIB222-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	75	303	378	1	60.3	57.5	55.7	0.8	5636	1954	0.22	1	101.1	99	0.65	9402
0.4	91	368	459	1	61.2	58.9	56.8	0.79	6263	1773	0.199	1	98.8	96.7	0.65	10504
0.6	107	433	540	1	61.9	60.1	57.7	0.79	6839	1551	0.174	1	96.9	94.8	0.65	11455
0.8	123	498	621	1	62.9	60.9	58.2	0.79	7451	1419	0.16	1	95.2	93.1	0.65	12286
0.2	75	303	378	3	52.6	52.5	51	6.77	7223	4075	0.458	3	112.4	104.7	5.44	11245
0.4	91	368	459	3	53.4	54.1	52.2	6.76	8163	4383	0.493	3	111.3	102.8	5.45	12906
0.6	107	433	540	3	54.1	55.4	53.4	6.76	8964	4542	0.511	3	110.3	101.2	5.45	14424
0.8	123	498	621	3	54.6	56.7	54.4	6.75	9636	4558	0.513	3	109.4	99.8	5.46	15823

### AIB222-31 4-Pipe

0.2	75	303	378	1	58.8	58.8	56.5	0.6	5215	1641	0.185	1	112.6	92.6	0.16	3656
0.4	91	368	459	1	60	59.9	57.4	0.6	5868	1572	0.177	1	111.8	90.7	0.16	4073
0.6	107	433	540	1	60.6	61.1	58.2	0.6	6392	1348	0.152	1	111	89.2	0.16	4443
0.8	123	498	621	1	61.5	61.8	58.7	0.6	6956	1218	0.137	1	110.4	88	0.16	4775
0.2	75	303	378	3	52	54.2	52.2	5.08	6690	3646	0.41	3	117.3	94.9	1.35	4032
0.4	91	368	459	3	52.7	55.6	53.3	5.08	7566	3930	0.442	3	116.9	94.9	1.35	4548
0.6	107	433	540	3	53.2	57.1	57.1	5.07	8220	3954	0.445	3	116.6	91.7	1.35	5016
0.8	123	498	621	3	53.7	58.1	58.1	5.07	8919	4063	0.457	3	116.3	90.5	1.35	5446

**AIB222-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	105	333	438	1	60.5	56.3	56.3	0.79	5879	1813	0.204	1	100	97.9	0.65	9916
0.4	130	411	541	1	62	59.6	57.3	0.79	6704	1708	0.192	1	97.5	95.4	0.66	11152
0.6	155	490	645	1	62.8	60.8	58.2	0.79	7382	1436	0.161	1	95.4	93.3	0.66	12195
0.8	180	569	749	1	63.4	61.7	58.8	0.79	8007	1127	0.127	1	93.6	91.5	0.66	13089
0.2	105	333	438	3	52.9	53.4	51.7	6.77	7612	4168	0.469	3	111.9	103.8	5.44	12009
0.4	130	411	541	3	53.9	55	53	6.76	8701	4493	0.505	3	110.6	101.7	5.45	13931
0.6	155	490	645	3	54.6	54.1	54.1	6.75	9636	4658	0.524	3	109.5	99.9	5.45	15665
0.8	180	569	749	3	55.2	57.7	55.1	6.74	10430	4670	0.525	3	108.4	98.4	5.46	17245

**AIB222-38 4-Pipe**

0.2	105	333	438	1	59.4	59.3	56.9	0.6	5515	1615	0.182	1	112.2	91.7	0.16	3850
0.4	130	411	541	1	60.3	60.8	58	0.6	6159	1386	0.156	1	111.3	89.7	0.16	4324
0.6	155	490	645	1	61.4	61.7	58.6	0.6	6892	1234	0.139	1	110.5	88.1	0.16	4738
0.8	180	569	749	1	61.9	62.6	59.3	0.59	7461	931	0.105	1	109.7	86.8	0.16	5105
0.2	105	333	438	3	52.3	55	52.9	5.08	7050	3728	0.419	3	117.1	94	1.35	4270
0.4	130	411	541	3	53	56.7	54.2	5.07	7977	3911	0.44	3	116.7	92.1	1.35	4865
0.6	155	490	645	3	53.7	58	55.2	5.07	8839	4051	0.456	3	116.4	90.6	1.35	5398
0.8	180	569	749	3	54.2	59.1	56.1	5.06	9563	4039	0.454	3	116	89.4	1.35	5883

**AIB122-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	9	40	49	1	48.9	46.8	46.4	1.55	1194	735	0.083	1	116.2	113.6	1.23	1862
0.4	11	49	60	1	49.3	48.9	48.9	1.55	1353	786	0.088	1	115.2	112.2	1.23	2201
0.6	13	58	71	1	49.9	49.7	49.7	1.55	1550	887	0.1	1	114.9	110.9	1.23	2520
0.8	15	67	82	1	50.5	50.3	50.3	1.54	1740	984	0.111	1	114.3	109.6	1.23	2821
0.2	15	77	92	3	58.7	61.9	61.9	2.18	1077	0	0	3	175.3	153.8	1.68	6889
0.4	11	49	60	2.5	46.9	46.8	46.8	9.18	1461	914	0.103	2.5	118.2	113.2	7.26	2254
0.6	13	58	71	2.5	47.2	47.8	47.8	9.18	1664	1024	0.115	2.5	117.9	112.1	7.27	2595
0.8	26	133	159	3	59.1	63.4	63.4	2.18	1645	0	0	3	172.8	143.4	1.68	10464

**AIB122-18 4-Pipe**

0.2	9	40	49	1	48.4	50.5	49.2	1.03	1035	628	0.071	1	117.8	95.7	0.41	1096
0.4	11	49	60	1	48.9	51.7	50.1	1.03	1205	718	0.081	1	117.5	93.8	0.41	1243
0.6	13	58	71	1	49.2	53.4	51.5	1.03	1322	751	0.084	1	117.2	92.3	0.41	1376
0.8	15	67	82	1	49.5	54.7	52.6	1.03	1434	778	0.087	1	117	91	0.41	1497
0.2	15	77	92	3	58.7	61.9	0	2.18	1077	0	0	3	175.3	153.8	1.68	6889
0.4	11	49	60	2.5	46.7	50.4	48.8	6.11	1275	801	0.09	2.5	119	94.8	2.4	1295
0.6	22	115	137	3	59	63	0	2.18	1468	0	0	3	173.6	146.4	1.68	9354
0.8	15	67	82	2.5	47	52.8	50.9	6.11	1563	936	0.105	2.5	118.7	92.1	2.4	1574

### AIB122-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	14	46	60	1	49.2	48.3	47.8	1.55	1306	772	0.087	1	115.8	112.6	1.23	2102
0.4	18	49	77	1	50	49.9	49.2	1.55	1578	895	0.101	1	114.8	110.6	1.23	2578
0.6	22	73	95	1	50.7	51.1	51.1	1.54	1835	1010	0.114	1	113.9	108.9	1.23	3015
0.8	26	86	112	1	51.3	52.6	52.6	1.54	2037	1060	0.119	1	113.1	107.3	1.24	3418
0.2	14	46	60	2.5	46.8	47.1	47.1	9.18	1367	843	0.095	2.5	118.3	113.5	7.26	2149
0.4	18	59	77	2.5	47.2	48.1	48.1	9.18	1693	1035	0.116	2.5	117.9	111.9	7.27	2657
0.6	22	73	95	2.5	47.5	49.5	49.5	9.17	1961	1165	0.131	2.5	117.5	110.4	7.27	3132
0.8	26	86	112	2.5	47.8	47.8	50.6	9.16	2220	1289	0.145	2.5	117.1	109	7.27	3577

### AIB122-24 4-Pipe

0.2	14	46	60	1	48.6	52	50.5	1.03	1123	654	0.073	1	117.6	94.3	0.41	1201
0.4	18	49	77	1	49.2	53.6	51.7	1.03	1344	756	0.085	1	117.2	92	0.41	1400
0.6	22	73	95	1	49.6	55.4	53.2	1.03	1507	795	0.089	1	116.8	90.3	0.41	1574
0.8	26	86	112	1	50	54.7	56.7	1.03	1660	826	0.093	1	116.5	88.9	0.41	1731
0.2	14	46	60	3	46.4	49.7	49.7	8.71	1240	791	0.089	3	119.2	95.4	3.42	1255
0.4	18	59	77	2.5	46.9	51.7	51.7	6.11	1467	905	0.102	2.5	118.8	93.1	2.4	1466
0.6	22	73	95	2.5	47.2	53.1	53.1	6.11	1685	1016	0.114	2.5	118.7	91.4	2.4	1660
0.8	26	86	112	2.5	47.4	54.7	54.7	6.1	1848	1065	0.12	2.5	118.5	90	2.4	1835

### AIB122-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	23	63	86	1	50.4	50.4	49.7	1.54	1633	912	0.103	1	114.6	110.1	1.23	2694
0.4	29	79	108	1	51	51.9	50.9	1.54	1937	1036	0.117	1	113.5	108	1.24	3220
0.6	35	96	131	1	51.6	53.5	52.2	1.54	2180	1092	0.123	1	112.5	106.2	1.24	3697
0.8	41	112	153	1	52.2	54.7	53.2	1.54	2409	1137	0.128	1	111.7	104.6	1.24	4135
0.2	23	63	86	2.5	47.3	48.7	47.9	9.17	1751	1055	0.119	2.5	117.8	111.5	7.27	2782
0.4	29	79	108	2.5	47.7	48.8	48.8	9.17	2114	1255	0.141	2.5	117.3	109.7	7.27	3357
0.6	35	96	131	2.5	48.1	51.1	49.9	9.16	2416	1392	0.157	2.5	116.9	108.1	7.27	3891
0.8	41	112	153	2.5	48.4	52.2	50.8	9.15	2706	1521	0.171	2.5	116.5	106.7	7.27	4389

### AIB122-31 4-Pipe

0.2	23	63	86	1	49.3	54.1	52.2	1.03	1387	767	0.086	1	117.1	91.6	0.41	1446
0.4	29	79	108	1	49.8	56.1	53.7	1.03	1584	811	0.091	1	116.7	89.5	0.41	1654
0.6	35	96	131	1	50.3	57.5	54.8	1.03	1767	846	0.095	1	116.3	88	0.41	1837
0.8	41	112	153	1	50.9	58.3	55.3	1.03	1981	930	0.105	1	116	86.7	0.41	2001
0.2	23	63	86	3	47	52.3	50.4	6.11	1513	920	0.103	2.5	118.8	92.6	2.4	1518
0.4	29	79	108	2.5	47.3	53.9	51.7	6.11	1767	1041	0.117	2.5	118.6	90.7	2.4	1749
0.6	35	96	131	2.5	47.6	55.2	52.6	6.1	2008	1154	0.13	2.5	118.4	89.1	2.4	1955
0.8	41	112	153	2.5	47.7	56.5	53.7	6.1	2192	1205	0.135	2.5	118.3	87.9	2.41	2141

**AIB122-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	33	74	107	1	50.8	51.3	50.3	1.54	1851	1014	0.114	1	113.9	108.7	1.24	3046
0.4	42	93	135	1	51.5	53.2	52	1.54	2142	1084	0.122	1	112.7	106.5	1.24	3623
0.6	50	113	163	1	52.2	54.7	53.2	1.54	2413	1138	0.128	1	111.7	104.5	1.24	4143
0.8	59	132	191	1	52.6	56.2	54.4	1.54	2626	1122	0.126	1	110.7	102.8	1.24	4614
0.2	33	74	107	2.5	47.5	49.6	48.7	9.17	1978	1170	0.132	2.5	117.4	110.3	7.27	3166
0.4	42	93	135	2.5	48	50.9	49.7	9.16	2376	1379	0.155	2.5	116.9	108.3	7.27	3807
0.6	50	113	163	2.5	48.4	52.2	50.8	9.15	2711	1522	0.171	2.5	116.5	106.7	7.27	4399
0.8	59	132	191	2.5	48.7	53.6	51.9	9.15	2987	2987	0.18	2.5	116	105.2	7.28	4948

**AIB122-38 4-Pipe**

0.2	33	74	107	1	49.7	55.5	53.3	1.03	1519	797	0.09	1	116.8	90.2	0.41	1587
0.4	42	93	135	1	50.2	57.3	54.7	1.03	1739	841	0.095	1	116.4	88.2	0.41	1809
0.6	50	113	163	1	50.9	58.3	55.3	1.03	1984	931	0.105	1	116	86.7	0.41	2004
0.8	59	132	191	1	51.1	59.7	56.4	1.03	2130	897	0.101	1	115.6	85.5	0.41	2177
0.2	33	74	107	3	47.2	53.2	51.1	6.11	1698	1019	0.115	2.5	118.7	91.3	2.4	1673
0.4	42	93	135	2.5	47.4	55.4	52.9	6.1	1932	1090	0.123	2.5	118.4	89.4	2.4	1923
0.6	50	113	163	2.5	47.7	56.5	53.7	6.1	2196	1206	0.136	2.5	118.3	87.9	2.41	2145
0.8	59	132	191	2.5	48	57.8	54.6	6.1	2401	1259	0.142	2.5	118.1	86.7	2.41	2345

**AIB124-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	18	80	98	1	52.4	47.8	47.5	3.09	2300	1351	0.152	1	112.5	113.4	2.48	3711
0.4	22	98	120	1	53.4	49.3	48.8	3.08	2660	1500	0.169	1	111.2	111.9	2.48	4373
0.6	26	115	141	1	54.2	50.8	50.1	3.08	2962	1580	0.178	1	109.9	110.4	2.48	4988
0.8	30	133	163	1	54.9	52	51.2	3.07	3250	1649	0.185	1	108.8	109.1	2.49	5562
0.2	18	80	98	1.5	50.1	47.1	46.7	6.8	2362	1427	0.16	1.5	114.9	114.1	5.43	3768
0.4	22	98	120	1.5	51	48.2	47.7	6.79	2777	1643	0.185	1.5	114	112.7	5.43	4462
0.6	26	115	141	1.5	51.6	49.4	48.8	6.78	3133	1794	0.202	1.5	113.1	111.5	5.44	5115
0.8	30	133	163	1.5	52.3	50.4	49.6	6.77	3476	1937	0.218	1.5	112.3	110.3	5.44	5730

**AIB124-18 4-Pipe**

0.2	18	80	98	1	51.5	51.1	49.9	2.06	2019	1176	0.132	1	115.5	95.9	0.82	2211
0.4	22	98	120	1	52.3	52.7	51.1	2.06	2311	1292	0.145	1	115	94	0.82	2504
0.6	26	115	141	1	52.8	54.2	52.4	2.05	2544	1343	0.151	1	114.4	92.4	0.82	2768
0.8	30	133	163	1	53.4	55.4	53.4	2.05	2764	1385	0.156	1	113.9	91.1	0.82	3008
0.2	18	80	98	1.5	49.5	50.3	49	4.54	2093	1264	0.142	1.5	117	96.6	1.8	2270
0.4	22	98	120	1.5	50.2	51.4	50	4.53	2439	1449	0.163	1.5	116.5	94.7	1.8	2580
0.6	26	115	141	1.5	50.8	52.7	51	4.53	2726	1571	0.177	1.5	116.2	93.2	1.8	2861
0.8	30	133	163	1.5	51.2	54.1	52.1	4.52	2956	1630	0.183	1.5	115.8	91.9	1.8	3119



### AIB124-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	28	92	120	1	53.2	48.8	48.3	3.08	2568	1473	0.166	1	111.6	112.3	2.48	4182
0.4	35	119	155	1	54.3	51	50.4	3.08	3017	1594	0.179	1	109.7	110.2	2.48	5100
0.6	44	145	189	1	55.4	52.6	51.8	3.07	3438	1689	0.19	1	108.1	108.2	2.49	5928
0.8	52	172	224	1	56.1	54.1	53	3.07	3792	1705	0.192	1	106.5	106.4	2.49	6678
0.2	28	92	120	1.5	50.6	48.1	47.6	6.79	2637	1557	0.175	1.5	114.3	113.1	5.43	4260
0.4	36	119	155	1.5	51.9	49.3	48.6	6.78	3235	1867	0.21	1.5	113	111.2	5.44	5234
0.6	44	145	189	1.5	52.8	50.8	50	6.77	3716	2047	0.23	1.5	111.8	109.5	5.44	6127
0.8	52	172	224	1.5	53.5	52.3	51.2	6.76	4131	2153	0.242	1.5	110.7	107.9	5.45	6951

### AIB124-24 4-Pipe

0.2	28	92	120	1	51.9	52.6	51.1	2.06	2195	1220	0.0137	1	115.1	94.5	0.82	2420
0.4	36	119	155	1	53	54.4	52.6	2.05	2586	1352	0.152	1	114.3	92.2	0.82	2815
0.6	44	145	189	1	53.7	56.1	53.9	2.05	2907	1409	0.158	1	113.6	90.4	0.82	3159
0.8	52	172	224	1	54.2	57.6	55.1	2.05	3165	1393	0.157	1	113	88.9	0.82	3466
0.2	28	92	120	1.5	50	51.3	49.9	4.53	2319	1373	0.154	1.5	116.7	95.2	1.8	2491
0.4	36	119	155	1.5	50.9	53	51.2	4.52	2770	1583	0.178	1.5	116.1	92.9	1.8	2912
0.6	44	145	189	1.5	51.4	54.8	52.7	4.52	3105	1666	0.187	1.5	115.6	91.2	1.8	3283
0.8	52	172	224	1.5	52.1	55.9	53.6	4.51	3464	1791	0.201	1.5	115.1	89.7	1.8	3616

### AIB124-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	46	126	172	1	54.6	51.5	50.8	3.07	3127	1621	0.182	1	109.3	109.6	2.49	5321
0.4	58	158	216	1	55.8	53.3	52.3	3.07	3638	1728	0.194	1	107.3	107.3	2.49	6310
0.6	70	191	261	1	56.7	54.9	53.6	3.06	4070	1747	0.196	1	105.5	105.2	2.49	7190
0.8	82	224	306	1	57.5	56.1	54.7	3.06	4473	1739	0.196	1	103.9	103.3	2.5	7978
0.2	46	126	172	1.5	52.1	49.8	49.1	6.78	3349	1901	0.214	1.5	112.7	110.8	5.44	5470
0.4	58	158	216	1.5	53.2	51.3	50.4	6.76	3969	2158	0.243	1.5	111.2	108.7	5.44	6545
0.6	70	191	261	1.5	53.9	53.1	52	6.75	4424	2222	0.25	1.5	109.9	106.8	5.45	7521
0.8	82	224	306	1.5	54.6	54.5	53.1	6.75	4852	2261	0.254	1.5	108.7	105.2	5.46	8413

### AIB124-31 4-Pipe

0.2	46	126	172	1	53.2	54.9	53	2.05	2671	1368	0.154	1	114.1	91.7	0.82	2907
0.4	58	158	216	1	54.1	56.8	54.4	2.05	3059	1431	0.161	1	113.3	89.6	0.82	3316
0.6	70	191	261	1	54.7	58.3	55.6	2.05	3375	1416	0.159	1	112.6	88	0.82	3673
0.8	82	224	306	1	55.2	59.5	56.6	2.05	3667	1383	0.155	1	112	86.7	0.82	3991
0.2	46	126	172	1.5	51	53.5	51.7	4.52	2858	1606	0.181	1.5	116	92.4	1.8	3011
0.4	58	158	216	1.5	51.8	55.3	53.1	4.52	3308	1758	0.198	1.5	115.4	90.4	1.8	3453
0.6	70	191	261	1.5	52.4	56.8	54.2	4.51	3685	1834	0.206	1.5	114.8	88.8	1.8	3842
0.8	82	224	306	1.5	52.9	58.2	55.3	4.51	3996	1836	0.206	1.5	114.4	87.5	1.81	4192

**AIB124-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	66	147	213	1	55.4	52.8	51.8	3.07	3468	1696	0.191	1	107.9	108.1	2.49	5987
0.4	83	186	269	1	56.6	54.7	53.5	3.06	3996	1737	0.195	1	105.8	105.5	2.49	7055
0.6	101	224	325	1	57.6	56.2	54.7	3.06	4481	1740	0.196	1	103.9	103.3	2.5	7992
0.8	118	263	381	1	58.2	57.5	55.7	3.06	4889	1652	0.186	1	102.2	101.4	2.5	8822
0.2	66	147	213	1.5	52.8	51	50.1	6.77	3748	2056	0.231	1.5	111.7	109.4	5.44	6191
0.4	83	186	269	1.5	53.8	52.9	51.8	6.76	4346	2204	0.248	1.5	110.1	107.1	5.45	7370
0.6	101	224	325	1.5	54.6	54.6	53.1	6.75	4861	2263	0.254	1.5	108.7	105.1	5.46	8429
0.8	118	263	381	1.5	55.3	55.8	55.8	6.74	5343	2294	0.258	1.5	107.4	103.4	5.46	9389

**AIB124-38 4-Pipe**

0.2	66	147	213	1	53.8	56.2	54	2.05	2930	1413	0.159	1	113.6	90.2	0.82	3183
0.4	83	186	269	1	54.5	58.1	55.5	2.05	3319	1410	0.159	1	112.7	88.2	0.82	3619
0.6	101	224	325	1	55.2	59.6	56.6	2.05	3673	1383	0.155	1	111.9	86.7	0.82	3996
0.8	118	263	381	1	55.8	60.6	57.4	2.04	4000	1336	0.15	1	111.3	85.4	0.83	4331
0.2	66	147	213	1.5	51.5	54.9	52.8	4.52	3130	1671	0.188	1.5	115.6	91	1.8	3309
0.4	83	186	269	1.5	52.3	56.6	54.1	4.51	3626	1823	0.205	1.5	114.9	89	1.8	3782
0.6	101	224	325	1.5	52.9	58.2	55.3	4.51	4002	1838	0.207	1.5	114.8	87.5	1.81	4198
0.8	118	263	381	1.5	53.3	59.4	56.2	4.5	4351	1833	0.206	1.5	113.9	86.2	1.81	4570

**AIB126-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	27	120	147	1	55	49.7	49.4	0.6	3209	1724	0.194	1	109.1	112.3	0.49	5425
0.4	33	147	180	1	56.1	51.4	50.9	0.6	3656	1816	0.1204	1	107.2	110.5	0.49	6339
0.6	39	173	212	1	56.8	53	52.3	0.6	4035	1824	0.205	1	105.6	108.7	0.49	7169
0.8	45	200	245	1	57.7	54.1	53.2	0.6	4434	1867	0.21	1	104	107.1	0.49	7928
0.2	27	120	147	1.5	52.2	48.2	47.9	1.33	3400	1962	0.221	1.5	112.5	113.4	1.07	5565
0.4	33	147	180	1.5	53.3	49.5	49	1.32	3961	2206	0.248	1.5	111.2	111.9	1.07	6554
0.6	39	173	212	1.5	54.1	51	50.3	1.32	4410	2319	0.261	1.5	110	110.4	1.07	7472
0.8	45	200	245	1.5	54.8	52.1	51.4	1.32	4839	2414	0.271	1.5	108.8	109	1.07	8326

**AIB126-18 4-Pipe**

0.2	27	120	147	1	54.2	51.9	50.7	3.08	2930	1413	0.184	1	113.6	90.2	1.24	3183
0.4	33	147	180	1	55.1	53.8	52.2	3.07	3291	1705	0.192	1	112.6	93.6	1.24	3696
0.6	39	173	212	1	55.7	55.4	53.6	3.07	3588	1702	0.191	1	111.8	92	1.24	4075
0.8	45	200	245	1	56.4	56.5	54.5	3.07	3908	1742	0.15	1	111.1	90.7	1.24	4418
0.2	27	120	147	1.5	51.6	50.8	49.6	6.79	3075	1810	0.204	1.5	115.5	96.4	2.71	3384
0.4	33	147	180	1.5	52.5	52.5	50.7	6.78	3541	2020	0.227	1.5	114.8	94.5	2.71	3840
0.6	39	173	212	1.5	53.2	53.2	51.8	6.77	3941	2161	0.243	1.5	114.3	93	2.71	4251
0.8	45	200	245	1.5	53.8	54.8	52.8	6.76	4279	2232	0.251	1.5	113.8	91.7	2.71	4628

### AIB126-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	42	139	181	1	55.7	51	50.5	0.6	3526	1791	0.201	1	107.8	111	0.49	6076
0.4	54	178	232	1	57	53.2	52.5	0.6	4112	1834	0.206	1	105.3	108.4	0.49	7318
0.6	66	218	284	1	58.1	54.8	53.9	0.6	4650	1827	0.205	1	103.1	106.1	0.49	8403
0.8	78	257	284	1	59	56.1	55	0.6	5147	1782	0.2	1	101.1	104	0.49	9358
0.2	42	139	181	1.5	52.9	49.3	48.8	1.32	3779	2112	0.238	1.5	111.6	112.3	1.07	6268
0.4	54	178	232	1.5	54.2	51.2	50.5	1.32	4493	2338	0.263	1.5	109.7	110.1	1.07	7638
0.6	66	218	284	1.5	55.2	55.2	51.9	1.32	5119	2468	0.278	1.5	108.1	108.1	1.07	8871
0.8	78	257	335	1.5	56	54.2	53.1	1.32	5665	2507	0.282	1.5	106.6	106.3	1.07	9986

### AIB126-24 4-Pipe

0.2	42	139	181	1	54.8	53.3	51.8	3.07	3187	1685	0.19	1	112.8	94.1	1.24	3575
0.4	54	178	232	1	55.8	55.7	53.8	3.07	3650	1710	0.192	1	111.7	91.7	1.24	4142
0.6	66	218	284	1	56.7	57.3	55.1	3.07	4074	1704	0.192	1	110.7	89.9	1.24	4634
0.8	78	257	335	1	57.4	58.6	56.1	3.06	4466	1672	0.188	1	109.8	88.4	1.24	5068
0.2	42	139	181	1.5	52.2	51.9	50.5	6.78	3387	1937	0.218	1.5	115	95	2.71	3709
0.4	42	139	181	1.5	53.3	53.8	52	6.77	4006	2175	0.245	1.5	114.2	92.7	2.71	4325
0.6	66	218	284	1.5	54.1	55.5	53.4	6.76	4499	2274	0.256	1.5	113.5	90.9	2.71	4865
0.8	78	257	335	1.5	54.7	57	54.6	6.75	4916	2294	0.258	1.5	112.8	89.4	2.72	5348

### AIB126-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	69	188	257	1	57.4	53.6	52.9	0.6	4265	1852	0.208	1	104.7	107.8	0.49	7611
0.4	87	238	325	1	58.5	55.6	54.5	0.6	4881	1780	0.2	1	102.1	105	0.49	8893
0.6	105	287	392	1	59.5	56.9	55.6	0.6	5482	1711	0.192	1	99.9	102.6	0.49	9993
0.8	123	336	459	1	59.5	56.9	55.6	0.6	5997	1540	0.173	1	97.9	100.5	0.49	10946
0.2	69	188	257	1.5	54.5	51.7	50.9	1.32	4657	2375	0.267	1.5	109.3	109.6	1.07	7967
0.4	87	238	325	1.5	55.5	53.6	53.6	1.32	5373	2463	0.277	1.5	107.3	107.2	1.07	9439
0.6	105	287	392	1.5	56.5	55.1	53.9	1.32	6036	2501	0.281	1.5	105.6	105.1	1.07	10744
0.8	123	336	459	1.5	57.2	56.4	54.9	1.31	6612	2441	0.274	1.5	104	103.2	1.07	11911

### AIB126-31 4-Pipe

0.2	69	188	257	1	56.1	56.1	54.1	3.07	3773	1726	0.194	1	111.4	91.2	1.24	4275
0.4	87	238	325	1	57.1	57.9	55.6	3.06	4293	1720	0.193	1	110.2	89.1	1.24	4856
0.6	105	287	392	1	58	59.3	56.6	3.06	4769	1679	0.189	1	109.2	87.5	1.24	5360
0.8	123	336	392	1	58.6	60.5	57.5	3.06	5167	1553	0.175	1	108.3	86.2	1.24	5804
0.2	69	188	257	1.5	53.5	54.3	52.4	6.76	4136	2203	0.248	1.5	114	92.2	2.71	4470
0.4	87	238	325	1.5	54.5	56.2	53.9	6.75	4731	2315	0.26	1.5	113.1	90.1	2.72	5112
0.6	105	287	287	1.5	55.2	57.7	55.1	6.74	5239	2338	0.263	1.5	112.4	88.5	2.72	5675
0.8	123	336	459	1.5	55.7	59.1	56.2	6.74	5670	2276	0.256	1.5	111.7	87.2	2.72	6178

**AIB126-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Hetaing GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Hetaing BTU
0.2	99	221	320	1	58.2	54.9	54	0.6	4691	1830	0.206	1	102.9	105.9	0.49	8479
0.4	125	279	404	1	59.3	56.8	55.5	0.6	5382	1716	0.193	1	100.2	103	0.49	9827
0.6	151	337	488	1	60.2	58.2	56.6	0.6	6007	1539	0.173	1	97.9	100.5	0.49	10963
0.8	177	395	572	1	61.1	59.2	57.2	0.6	6620	1374	0.155	1	96	98.3	0.49	11932
0.2	99	221	320	1.5	55.3	52.9	52	1.32	5164	2477	0.279	1.5	108	108	1.07	8958
0.4	125	279	404	1.5	56.3	53.7	53.7	1.32	5926	2489	0.26	1.5	105.8	105.4	1.07	10545
0.6	151	337	488	1.5	57.2	56.4	55	1.31	6624	2442	0.275	1.5	104	103.2	1.07	11932
0.8	177	395	572	1.5	57.9	57.6	55.9	1.31	7269	2347	0.264	1.5	102.3	101.2	1.07	13157

**AIB126-38 4-Pipe**

0.2	99	221	320	1	56.7	57.4	55.2	3.06	4107	1707	0.192	1	110.6	89.8	1.24	4668
0.4	125	279	404	1	57.9	59.1	56.5	3.06	4688	1679	0.189	1	109.4	87.7	1.24	5283
0.6	151	337	488	1	58.6	60.5	57.5	3.06	5176	1553	0.175	1	108.3	86.1	1.24	5812
0.8	177	395	572	1	59.4	61.5	58.2	3.05	5662	1458	0.164	1	107.4	84.9	1.24	6277
0.2	99	221	320	1.5	54.2	55.6	53.5	6.76	4534	2281	0.256	1.5	113.4	90.8	2.72	4903
0.4	125	279	404	1.5	55.1	57.5	55	6.75	5153	2327	0.262	1.5	112.5	88.8	2.72	5589
0.6	151	337	488	1.5	55.7	59.1	56.2	6.74	5679	2277	0.256	1.5	111.7	87.2	2.72	6187
0.8	177	395	572	1.5	56.4	60.2	57	6.73	6206	2255	0.254	1.5	111	85.9	2.72	6718

**AIB222-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Hetaing GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Hetaing BTU
0.2	9	58	67	1	59.6	61.9	0	0.26	803	0	0	1	169.3	154.4	0.2	5194
0.4	11	70	81	1	59.9	62.6	0	0.26	936	0	0	1	167.6	150.5	0.2	6055
0.6	13	83	96	1	60.1	63.1	0	0.26	1058	0	0	1	166	147	0.2	6850
0.8	15	96	111	1	60.3	63.6	0	0.26	1172	0	0	1	164.4	144	0.2	7589
0.2	9	58	67	3	58.6	61.2	0	2.18	850	0	0	3	176.3	158.6	1.68	5456
0.4	11	70	81	3	58.7	61.7	0	2.18	1003	0	0	3	175.6	155.3	1.68	6419
0.6	13	83	96	3	58.8	62.1	0	2.18	1146	0	0	3	175	152.4	1.68	7325
0.8	15	96	111	3	58.9	62.5	0	2.18	1282	0	0	3	174.4	149.8	1.68	8183

**AIB222-18 4-Pipe**

0.2	9	58	67	1	59.5	62.6	0	0.19	3773	0	0	1	176.1	132.4	0.05	1922
0.4	11	70	81	1	59.8	63.3	0	0.19	881	0	0	1	175.5	128.2	0.05	2190
0.6	13	83	96	1	60	63.8	0	0.19	992	0	0	1	175	124.7	0.05	2434
0.8	15	96	111	1	60.2	64.3	0	0.19	1093	0	0	1	174.5	121.8	0.05	2658
0.2	9	58	67	3	58.5	61.8	0	1.63	811	0	0	3	178.6	134.9	0.41	1998
0.4	11	70	81	3	58.6	62.3	0	1.63	951	0	0	3	178.4	130.9	0.41	2291
0.6	13	83	96	3	58.7	62.8	0	1.63	1082	0	0	3	178.3	127.6	0.41	2560
0.8	15	96	111	3	58.8	63.2	0	1.63	1206	0	0	3	178.1	124.8	0.41	2810

### AIB222-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	15	77	92	1	60	62.8	0	0.26	1000	0	0	1	166.7	148.7	0.2	6469
0.4	19	95	114	1	60.3	63.6	0	0.26	1170	0	0	1	164.5	144	0.2	7576
0.6	22	115	137	1	60.6	64.2	0	0.26	1324	0	0	1	162.4	140.1	0.2	8578
0.8	26	133	159	1	60.9	64.7	0	0.26	1465	0	0	1	160.5	136.6	0.2	9495
0.2	15	77	92	3	58.7	61.9	0	2.18	1077	0	0	3	175.3	153.8	1.68	6889
0.4	19	95	114	3	58.9	62.5	0	2.18	1280	0	0	3	175.4	149.8	1.68	8168
0.6	22	115	137	3	59	63	0	2.18	1468	0	0	3	173.6	146.4	1.68	9354
0.8	26	133	159	3	59.1	63.4	0	2.18	1645	0	0	3	172.8	143.4	1.68	10464

### AIB222-24 4-Pipe

0.2	15	77	92	1	59.9	63.6	0	0.19	939	0	0	1	175.2	126.4	0.05	2318
0.4	19	95	114	1	60.2	64.3	0	0.19	1092	0	0	1	174.6	121.9	0.05	2654
0.6	22	115	137	1	60.5	65	0	0.19	1228	0	0	1	173.9	118.3	0.05	2955
0.8	26	133	159	1	60.7	65.5	0	0.19	1352	0	0	1	173.4	115.3	0.05	3227
0.2	15	77	92	3	58.7	62.6	0	1.63	1019	0	0	3	178.3	129.1	0.41	2431
0.4	19	95	114	3	58.8	63.2	0	1.63	1204	0	0	3	178.1	124.8	0.41	2805
0.6	22	115	137	3	58.9	63.8	0	1.63	1374	0	0	3	177.9	121.3	0.41	3144
0.8	26	133	159	3	59	64.2	0	1.63	1533	0	0	3	177.6	118.5	0.41	3455

### AIB222-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	25	101	126	1	60.4	63.7	0	0.26	1216	0	0	1	163.9	142.8	0.2	7871
0.4	30	123	153	1	60.8	64.4	0	0.26	1387	0	0	1	161.6	138.5	0.2	8984
0.6	36	144	180	1	61.1	65	0	0.26	1541	0	0	1	159.5	134.8	0.2	9992
0.8	41	166	207	1	61.4	65.5	0	0.26	1681	0	0	1	157.6	131.6	0.2	10914
0.2	25	101	126	3	58.9	62.6	0	2.18	1335	0	0	3	174.2	148.8	1.68	8515
0.4	30	123	153	3	59	63.2	0	2.18	1546	0	0	3	173.3	145.1	1.68	9842
0.6	36	144	180	3	59.2	63.7	0	2.18	1742	0	0	3	172.4	141.8	1.68	11076
0.8	41	166	207	3	59.3	64.1	0	2.18	1926	0	0	3	171.6	139	1.68	12230

### AIB222-31 4-Pipe

0.2	25	101	126	1	60.3	64.5	0	0.19	1132	0	0	1	174.4	120.8	0.05	2743
0.4	30	123	153	1	60.6	65.2	0	0.19	1283	0	0	1	173.7	116.9	0.05	3075
0.6	36	144	180	1	60.8	65.8	0	0.19	1419	0	0	1	173.1	113.8	0.05	3374
0.8	41	166	207	1	61.1	66.3	0	0.19	1541	0	0	1	172.5	111.1	0.05	3646
0.2	25	101	126	3	58.8	63.4	0	1.63	1254	0	0	3	178	123.8	0.41	2905
0.4	30	123	153	3	59	64	0	1.63	1444	0	0	3	177.8	120	0.41	3281
0.6	36	144	180	3	59.1	64.5	0	1.63	1620	0	0	3	177.5	117	0.41	3624
0.8	41	166	207	3	59.2	64.9	0	1.63	1783	0	0	3	177.3	114.5	0.41	3941

**AIB222-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	35	111	146	1	60.6	64.1	0	0.26	1295	0	0	1	162.8	140.8	0.2	8384
0.4	43	137	180	1	61	64.8	0	0.26	1491	0	0	1	160.2	136	0.2	9666
0.6	52	163	215	1	61.3	65.5	0	0.26	1665	0	0	1	157.8	131.9	0.2	10810
0.8	60	190	250	1	61.6	66	0	0.26	1821	0	0	1	155.7	128.4	0.2	11844
0.2	35	111	146	3	59	62.9	0	2.18	1431	0	0	3	173.8	147	1.68	9122
0.4	43	137	180	3	59.1	63.5	0	2.18	1678	0	0	3	172.7	142.9	1.68	10673
0.6	52	163	215	3	59.3	64.1	0	2.18	1905	0	0	3	171.7	139.3	1.68	12099
0.8	60	190	250	3	59.4	64.5	0	2.18	2115	0	0	3	170.8	136.2	1.68	13422

**AIB222-38 4-Pipe**

0.2	35	111	146	1	60.4	64.8	0	0.19	1202	0	0	1	174.1	118.9	0.05	2897
0.4	43	137	180	1	60.7	65.6	0	0.19	1375	0	0	1	173.3	114.7	0.05	3277
0.6	52	163	215	1	61.1	66.2	0	0.19	1527	0	0	1	172.6	111.4	0.05	3615
0.8	60	190	250	1	61.3	66.8	0	0.19	1663	0	0	1	172	108.7	0.05	3919
0.2	35	111	146	3	58.9	63.7	0	1.63	1341	0	0	3	177.9	122	0.41	3078
0.4	43	137	180	3	59	64.3	0	1.63	1563	0	0	3	177.6	118	0.41	3513
0.6	52	163	215	3	59.2	64.9	0	1.63	1765	0	0	3	177.3	114.7	0.41	3905
0.8	60	190	250	3	59.3	65.4	0	1.63	1951	0	0	3	177.1	112.1	0.41	4263

**AIB224-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	18	115	133	1	61.1	62.4	0	0.52	1553	0	0	1	159.4	151.5	0.4	10038
0.4	22	141	163	1	61.6	63	0	0.52	1798	0	0	1	156.2	147.2	0.41	11618
0.6	26	166	192	1	62	63.6	0	0.52	2021	0	0	1	153.2	143.4	0.41	13056
0.8	30	192	222	1	62.4	64.1	0	0.52	2226	0	0	1	150.5	140	0.41	14373
0.2	18	115	133	3	59.1	61.2	0	4.37	1696	0	0	3	172.6	158.4	3.37	10889
0.4	22	141	163	3	59.3	61.7	0	4.37	1996	0	0	3	171.3	155	3.37	12791
0.6	26	166	192	3	59.5	62.2	0	4.37	2279	0	0	3	170	151.9	3.38	14574
0.8	30	192	222	3	59.7	62.6	0	4.37	2545	0	0	3	168.9	149.2	3.38	16254

**AIB224-18 4-Pipe**

0.2	18	115	133	1	61	63	0	0.39	1479	0	0	1	172	133.1	0.1	3887
0.4	22	141	163	1	61.4	63.7	0	0.39	1704	0	0	1	170.9	128.8	0.1	4426
0.6	26	166	192	1	61.8	64.3	0	0.39	1908	0	0	1	169.9	125.3	0.1	4915
0.8	30	192	222	1	62.2	64.8	0	0.39	2093	0	0	1	169	122.3	0.1	5362
0.2	18	115	133	3	59.1	61.8	0	3.28	1622	0	0	3	177.2	136.3	0.84	4085
0.4	22	141	163	3	59.3	62.4	0	3.27	1900	0	0	3	176.8	132.3	0.84	4687
0.6	26	166	192	3	59.4	62.8	0	3.27	2160	0	0	3	176.4	128.9	0.84	5240
0.8	30	192	222	3	59.6	63.3	0	3.27	2404	0	0	3	176.1	126.1	0.84	5754

### AIB224-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	30	154	184	1	61.8	63.3	0	0.52	1915	0	0	1	154.6	145.2	0.41	12370
0.4	37	192	229	1	62.4	64.1	0	0.52	2222	0	0	1	150.6	140.1	0.41	14349
0.6	45	229	274	1	63	64.8	0	0.52	2493	0	0	1	147	135.8	0.41	16104
0.8	52	267	319	1	63.5	65.4	0	0.52	2736	0	0	1	143.7	132	0.41	17676
0.2	30	154	184	3	59.4	62	0	4.37	2143	0	0	3	170.6	153.4	3.37	13717
0.4	37	192	229	3	59.7	62.6	0	4.37	2540	0	0	3	168.9	149.3	3.38	16224
0.6	45	229	274	3	59.9	63.1	0	4.37	2908	0	0	3	167.3	145.7	3.38	18537
0.8	52	267	319	3	60.2	63.6	0	4.36	3250	0	0	3	165.9	142.6	3.38	20687

### AIB224-24 4-Pipe

0.2	30	154	184	1	61.6	64	0	0.39	1811	0	0	1	170.4	126.9	0.1	4682
0.4	37	192	229	1	62.2	64.8	0	0.39	2090	0	0	1	169	122.3	0.1	5354
0.6	45	229	274	1	62.7	65.5	0	0.39	2335	0	0	1	167.8	118.6	0.1	5952
0.8	52	267	319	1	63.1	66	0	0.39	2553	0	0	1	166.7	115.5	0/1	6491
0.2	30	154	184	3	59.4	62.6	0	3.27	2036	0	0	3	176.6	130.5	0.84	4976
0.4	37	192	229	3	59.6	63.3	0	3.27	2400	0	0	3	176.1	126.1	0.84	5744
0.6	45	229	274	3	59.8	63.8	0	3.27	2735	0	0	3	175.6	122.6	0.84	6440
0.8	52	267	319	3	60	64.3	0	3.27	3045	0	0	3	175.2	119.7	0.84	7079

### AIB224-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	50	202	252	1	62.6	64.3	0	0.52	2303	0	0	1	149.5	138.8	0.41	14870
0.4	61	245	306	1	63.2	65.1	0	0.52	2601	0	0	1	145.5	134.1	0.41	16804
0.6	71	289	360	1	63.7	65.7	0	0.52	2865	0	0	1	142	130	0.41	18516
0.8	82	332	414	1	64.2	66.2	0	0.52	3100	0	0	1	138.9	126.5	0.41	20047
0.2	50	202	252	3	59.8	62.7	0	4.37	2648	0	0	3	168.4	148.2	3.38	16902
0.4	61	245	306	3	60	63.3	0	4.36	3059	0	0	3	166.7	144.3	3.38	19484
0.6	71	289	360	3	60.3	63.8	0	4.36	3438	0	0	3	165.1	140.9	3.38	21867
0.8	82	332	414	3	60.5	64.3	0	4.36	3790	0	0	3	163.5	137.9	3.39	24082

### AIB224-31 4-Pipe

0.2	50	202	252	1	62.3	65	0	0.39	2163	0	0	1	168.7	121.2	0.1	5531
0.4	61	245	306	1	62.9	65.7	0	0.39	2432	0	0	1	167.3	117.2	0.1	6191
0.6	71	289	360	1	63.3	66.3	0	0.39	2669	0	0	1	166.1	114	0.1	6781
0.8	82	332	414	1	63.8	66.9	0	0.39	2879	0	0	1	165	111.3	0.1	7315
0.2	50	202	252	3	59.7	63.8	0	3.27	2498	0	0	3	175.9	125	0.84	5950
0.4	61	245	306	3	59.9	64	0	3.27	2871	0	0	3	175.4	121.3	0.84	6723
0.6	71	289	360	3	60.1	64.6	0	3.27	3214	0	0	3	174.9	118.2	0.84	7427
0.8	82	332	414	3	60.4	65	0	3.27	3531	0	0	3	174.5	115.6	0.84	8075

**AIB224-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	70	222	292	1	62.9	64.7	0	0.52	2441	0	0	1	147.7	136.6	0.41	15767
0.4	87	274	361	1	63.6	65.5	0	0.52	2780	0	0	1	143.2	131.3	0.41	17965
0.6	103	327	430	1	64.1	66.2	0	0.52	3074	0	0	1	139.2	126.9	0.41	19877
0.8	120	379	499	1	64.7	66.8	0	0.52	3332	0	0	1	135.8	123.2	0.41	21560
0.2	70	222	292	3	59.9	63	0	4.37	2836	0	0	3	167.6	146.4	3.38	18086
0.4	87	274	361	3	60.2	63.7	0	4.36	3314	0	0	3	165.6	142	3.38	21091
0.6	103	327	430	3	60.5	64.2	0	4.36	3751	0	0	3	163.7	138.3	3.39	23832
0.8	120	379	499	3	60.8	64.7	0	4.36	4152	0	0	3	162	135	3.39	26355

**AIB224-38 4-Pipe**

0.2	70	222	292	1	62.6	65.3	0	0.39	2288	0	0	1	168	119.3	0.1	5837
0.4	87	274	361	1	63.2	66.1	0	0.39	2593	0	0	1	166.5	115	0.1	6591
0.6	103	327	430	1	63.7	66.8	0	0.39	2856	0	0	1	165.1	111.6	0.1	7256
0.8	120	379	499	1	64.2	67.4	0	0.39	3086	0	0	1	163.9	108.7	0.1	7852
0.2	70	222	292	3	59.8	63.7	0	3.27	2670	0	0	3	175.7	123.3	0.84	6306
0.4	87	222	361	3	60.1	64.4	0	3.27	2670	0	0	3	175.7	123.3	0.84	6306
0.6	103	327	430	3	60.3	65	0	3.27	3495	0	0	3	174.5	115.8	0.84	8002
0.8	120	379	499	3	60.6	65.5	0	3.27	3854	0	0	3	174	113.1	0.84	8737

**AIB226-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	27	173	200	1	62.5	62.9	0	0.78	2229	0	0	1	150.5	147.9	0.61	14391
0.4	33	211	244	1	63.1	63.6	0	0.78	2562	0	0	1	146.1	143.2	0.61	16524
0.6	39	250	289	1	63.7	64.3	0	0.78	2859	0	0	1	142.2	139.1	0.61	18431
0.8	45	288	333	1	64.2	64.8	0	0.78	3126	0	0	1	138.7	135.5	0.61	20149
0.2	27	173	200	3	59.7	61.4	0	6.56	2512	0	0	3	169	157.3	5.07	16124
0.4	33	211	244	3	60	61.9	0	6.56	2949	0	0	3	167.1	153.7	5.08	18891
0.6	39	250	289	3	60.2	62.4	0	6.55	3357	0	0	3	165.3	150.5	5.08	21471
0.8	45	288	333	3	60.5	62.8	0	6.55	3741	0	0	3	163.7	147.6	5.09	23888

**AIB226-18 4-Pipe**

0.2	27	173	200	1	62.3	63.5	0	0.58	2130	0	0	1	168.2	132.5	0.15	5774
0.4	33	211	244	1	62.9	64.2	0	0.58	2437	0	0	1	166.5	128.1	0.15	6562
0.6	39	250	289	1	63.4	64.8	0	0.58	2711	0	0	1	165.1	124.5	0.15	7271
0.8	45	288	333	1	63.9	65.4	0	0.58	2956	0	0	1	163.8	121.4	0.15	7918
0.2	27	173	200	3	59.6	62	0	4.92	2406	0	0	3	175.8	136.5	1.26	6141
0.4	33	211	244	3	59.9	62.5	0	4.91	2812	0	0	3	175.2	132.4	1.26	7043
0.6	39	250	289	3	60.1	63	0	4.91	3189	0	0	3	174.6	129	1.26	7871
0.8	45	288	333	3	60.4	63.5	0	4.91	3542	0	0	3	174.1	126.1	1.26	8638



### AIB226-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	45	231	276	1	63.4	64	0	0.78	2718	0	0	1	144.1	141	0.61	17526
0.4	56	287	343	1	64.2	64.8	0	0.78	3121	0	0	1	138.7	135.5	0.61	20118
0.6	67	344	411	1	64.9	65.5	0	0.77	3470	0	0	1	134.1	130.9	0.62	22363
0.8	78	400	478	1	65.5	66.2	0	0.77	3776	0	0	1	130.1	126.9	0.62	24331
0.2	45	231	276	3	60.1	62.2	0	6.55	3161	0	0	3	166.2	152	5.08	20233
0.4	56	287	343	3	60.5	62.8	0	6.55	3734	0	0	3	163.7	147.7	5.09	23844
0.6	67	344	411	3	60.8	63.4	0	6.55	4259	0	0	3	161.4	143.9	5.09	27150
0.8	78	400	478	3	61.2	63.9	0	6.54	4745	0	0	3	159.4	140.6	5.1	30201

### AIB226-24 4-Pipe

0.2	45	231	276	1	63.2	64.5	0	0.58	2581	0	0	1	165.8	126.2	0.15	6933
0.4	56	287	343	1	63.9	65.4	0	0.58	2952	0	0	1	163.8	121.5	0.15	7906
0.6	67	344	411	1	64.5	66.1	0	0.58	3271	0	0	1	162	117.7	0.15	8766
0.8	78	400	478	1	65.1	66.7	0	0.58	3551	0	0	1	160.4	114.6	0.15	9538
0.2	45	231	276	3	60	62.8	0	4.91	3008	0	0	3	174.9	130.6	1.26	7475
0.4	56	287	343	3	60.4	63.5	0	4.91	3536	0	0	3	174.1	126.2	1.26	8624
0.6	67	344	411	3	60.7	64.1	0	4.91	4016	0	0	3	173.4	122.6	1.26	9663
0.8	78	400	478	3	61	64.6	0	4.91	4459	0	0	3	172.7	119.6	1.26	10614

### AIB226-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	75	303	378	1	64.4	65	0	0.77	3226	0	0	1	137.4	134.1	0.61	20790
0.4	91	368	459	1	65.2	65.8	0	0.77	3607	0	0	1	132.3	129.1	0.62	23244
0.6	107	433	540	1	65.9	66.5	0	0.77	3936	0	0	1	128	124.8	0.62	25364
0.8	123	498	621	1	66.4	67	0	0.77	4223	0	0	1	124.2	121.2	0.62	27216
0.2	75	303	378	3	60.6	63	0	6.55	3888	0	0	3	163	146.5	5.09	24816
0.4	91	368	459	3	61	63.6	0	6.55	4474	0	0	3	160.5	142.4	5.09	28497
0.6	107	433	540	3	61.3	64.2	0	6.54	5010	0	0	3	158.2	138.9	5.1	31866
0.8	123	498	621	3	61.7	64.6	0	6.54	5505	0	0	3	156.1	135.8	5.11	34972

### AIB226-31 4-Pipe

0.2	75	303	378	1	64.1	65.6	0	0.58	3048	0	0	1	163.3	120.3	0.15	8162
0.4	91	368	459	1	64.8	66.4	0	0.58	3396	0	0	1	161.3	116.3	0.15	9109
0.6	107	433	540	1	65.4	67	0	0.58	3697	0	0	1	159.6	113	0.15	9951
0.8	123	498	621	1	65.9	67.5	0	0.58	3959	0	0	1	158	110.3	0.15	10710
0.2	75	303	378	3	60.5	63.6	0	4.91	3677	0	0	3	173.9	125.1	1.26	8930
0.4	91	368	459	3	60.8	64.3	0	4.91	4212	0	0	3	173.1	121.3	1.26	10083
0.6	107	433	540	3	61.1	64.8	0	4.91	4699	0	0	3	172.4	118.1	1.26	11131
0.8	123	498	621	3	61.4	65.3	0	4.9	5147	0	0	3	171.7	115.5	1.26	12094

**AIB226-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	105	333	438	1	64.8	65.4	0	0.77	3404	0	0	1	135	131.8	0.62	21936
0.4	130	411	541	1	65.7	66.3	0	0.77	3831	0	0	1	129.4	126.2	0.62	24688
0.6	155	490	645	1	66.4	67	0	0.77	4191	0	0	1	124.6	121.6	0.62	27012
0.8	180	569	749	1	67	67.6	0	0.77	4499	0	0	1	120.5	117.7	0.62	29005
0.2	105	333	438	3	60.8	63.3	0	6.55	4157	0	0	3	161.9	144.6	5.09	25508
0.4	130	411	541	3	61.2	64	0	6.54	48.36	0	0	3	159	140	5.1	30771
0.6	155	490	645	3	61.6	64.6	0	6.54	5449	0	0	3	156.3	136.1	5.11	34622
0.8	180	569	749	3	62	65.1	0	6.54	6009	0	0	3	153.9	132.7	5.11	38134

**AIB226-38 4-Pipe**

0.2	105	333	438	1	64.4	66	0	0.58	3211	0	0	1	162.4	118.4	0.15	8601
0.4	130	411	541	1	65.2	66.8	0	0.58	3601	0	0	1	160.1	114.1	0.15	9680
0.6	155	490	645	1	65.9	67.5	0	0.58	3930	0	0	1	158.2	110.6	0.15	10625
0.8	180	569	749	1	66.4	68.1	0	0.58	4211	0	0	1	156.5	107.7	0.15	11466
0.2	105	333	438	3	60.6	63.9	0	4.91	3923	0	0	3	173.5	123.3	1.26	9461
0.4	130	411	541	3	61	64.7	0	4.91	4541	0	0	3	172.6	119.1	1.26	10791
0.6	155	490	645	3	61.4	65.3	0	4.9	5097	0	0	3	171.8	115.8	1.26	11986
0.8	180	569	749	3	61.7	65.8	0	4.9	5601	0	0	3	171.1	113	1.26	13074

**AIB122-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	9	40	49	1	59.3	60	0	1.49	639	0	0	1	171.6	166.2	1.15	4111
0.4	11	49	60	1	59.5	60.5	0	1.49	757	0	0	1	170	163.2	1.15	4865
0.6	13	58	71	1	59.7	60.9	0	1.49	868	0	0	1	168.6	160.4	1.15	5575
0.8	15	67	82	1	59.9	61.3	0	1.49	973	0	0	1	167.2	157.8	1.15	6246
0.2	9	40	49	2.5	58.5	59.7	0	3.81	652	0	0	2.5	176.6	167.8	6.77	4178
0.4	11	49	60	2.5	58.6	60.1	0	8.81	777	0	0	2.5	175.9	165.2	6.78	4969
0.6	13	58	71	2.5	58.7	60.5	0	8.81	896	0	0	2.5	175.3	162.8	6.78	5723
0.8	15	67	82	2.5	58.8	60.8	0	8.81	1011	0	0	2.5	174.7	160.5	6.78	6443

**AIB122-18 4-Pipe**

0.2	9	40	49	1	59.1	62.3	0	0.99	544	0	0	1	175	126.9	0.38	2432
0.4	11	49	60	1	59.3	62.8	0	0.99	634	0	0	1	174.3	122.9	0.38	2762
0.6	13	58	71	1	59.4	63.3	0	0.99	718	0	0	1	173.7	119.6	0.38	3061
0.8	15	67	82	1	59.6	63.8	0	0.99	796	0	0	1	173.2	116.9	0.38	3335
0.2	9	40	49	2.5	58.5	61.8	0	5.86	565	0	0	2.5	177.9	128.8	2.24	2510
0.4	11	49	60	2.5	58.5	62.3	0	5.86	663	0	0	2.5	177.7	124.8	2.24	2863
0.6	13	58	71	2.5	58.6	62.7	0	5.86	756	0	0	2.5	177.4	121.6	2.24	3186
0.8	15	67	82	2.5	58.7	63.1	0	5.86	844	0	0	2.5	177.1	119	2.24	3485

### AIB122-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	14	46	60	1	59.4	60.4	0	1.49	722	0	0	1	170.5	164.1	1.15	4646
0.4	18	59	77	1	59.8	61	0	1.49	888	0	0	1	168.3	159.9	1.15	5705
0.6	22	73	95	1	60.1	61.6	0	1.49	1041	0	0	1	166.3	156.1	1.15	6680
0.8	26	86	112	1	60.4	62.1	0	1.49	1183	0	0	1	164.5	152.7	1.16	7582
0.2	14	46	60	2.5	58.6	60	0	8.81	740	0	0	2.5	176.1	166	6.78	4738
0.4	18	59	77	2.5	58.7	60.5	0	8.81	918	0	0	2.5	175.2	162.3	6.78	5862
0.6	22	73	95	2.5	58.9	61	0	8.81	1086	0	0	2.5	174.3	159.1	6.78	6913
0.8	26	86	112	2.5	59	61.4	0	8.8	1244	0	0	2.5	173.5	156.2	6.78	7902

### AIB122-24 4-Pipe

0.2	14	46	50	1	59.2	62.7	0	0.99	608	0	0	1	174.5	124	0.38	2667
0.4	18	59	77	1	59.5	63.4	0	0.99	733	0	0	1	173.6	119.1	0.38	3115
0.6	22	73	95	1	59.7	64.1	0	0.99	847	0	0	1	172.8	115.2	0.38	3509
0.8	26	86	112	1	59.9	64.6	0	0.99	950	0	0	1	172.1	112.1	0.38	3863
0.2	14	46	60	3	58.4	62.1	0	8.35	638	0	0	3	178.1	126.2	3.19	2773
0.4	18	59	77	2.5	58.6	62.8	0	5.86	773	0	0	2.5	177.3	121.1	2.24	3244
0.6	22	73	95	2.5	58.7	63.4	0	5.86	900	0	0	2.5	177	117.4	2.24	3675
0.8	26	86	112	2.5	58.8	63.9	0	5.86	1019	0	0	2.5	176.7	114.3	2.24	4066

### AIB122-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	23	63	86	1	59.9	61.1	0	1.49	929	0	0	1	167.8	158.9	1.15	5963
0.4	29	79	108	1	60.2	61.8	0	1.49	1113	0	0	1	165.4	154.3	1.15	7137
0.6	35	96	131	1	60.6	62.4	0	1.49	1281	0	0	1	163.2	150.4	1.16	8207
0.8	41	112	153	1	60.9	63	0	1.49	1434	0	0	1	161.2	146.8	1.16	9190
0.2	23	63	86	2.5	58.8	60.6	0	8.81	962	0	0	2.5	175	161.5	6.78	6138
0.4	29	79	108	2.5	58.9	61.2	0	8.81	1166	0	0	2.5	173.9	157.6	6.78	7412
0.6	35	96	131	2.5	59.1	61.7	0	8.81	1355	0	0	2.5	172.9	154.2	6.79	8597
0.8	41	112	153	2.5	59.2	62.2	0	8.8	1533	0	0	2.5	172	151.1	6.78	9706

### AIB122-31 4-Pipe

0.2	23	63	86	1	59.5	63.6	0	0.99	763	0	0	1	173.4	118	0.38	3220
0.4	29	79	108	1	59.8	64.4	0	0.99	899	0	0	1	172.4	113.6	0.38	3689
0.6	35	96	131	1	60	65	0	0.99	1021	0	0	1	171.6	110.2	0.38	4104
0.8	41	112	153	1	60.3	65.5	0	0.99	1131	0	0	1	170.8	107.4	0.38	4476
0.2	23	63	86	2.5	58.6	63	0	5.86	807	0	0	2.5	177.2	120.1	2.24	3359
0.4	29	79	108	2.5	58.8	63.6	0	5.86	960	0	0	2.5	176.8	115.8	2.24	3874
0.6	35	96	131	2.5	58.9	64.2	0	5.86	1102	0	0	2.5	176.4	112.4	2.24	4334
0.8	41	112	153	2.5	59	64.7	0	5.86	1232	0	0	2.5	176.1	109.7	2.24	4752

**AIB122-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	33	74	107	1	60.1	61.6	0	1.49	1052	0	0	1	166.2	155.8	1.15	6750
0.4	42	93	135	1	60.5	62.4	0	1.49	1255	0	0	1	163.5	151	1.16	8041
0.6	50	113	163	1	60.9	63	0	1.49	1437	0	0	1	161.1	146.8	1.16	9208
0.8	59	132	191	1	61.2	63.6	0	1.49	1603	0	0	1	158.9	143	1.16	10270
0.2	33	74	107	2.5	58.9	61	0	8.81	1098	0	0	2.5	174.3	158.9	6.78	6989
0.4	42	93	135	2.5	59.1	61.6	0	8.81	1326	0	0	2.5	173.1	154.7	6.79	8412
0.6	50	113	163	2.5	59.2	62.2	0	8.8	1536	0	0	2.5	172	151.1	6.79	9727
0.8	59	132	191	2.5	59.4	62.7	0	8.8	1733	0	0	2.5	171	147.9	6.79	10950

**AIB122-38 4-Pipe**

0.2	33	74	107	1	59.7	64.1	0	0.99	855	0	0	1	172.7	115	0.38	3537
0.4	42	93	135	1	60	64.9	0	0.99	1002	0	0	1	171.7	110.7	0.38	4040
0.6	50	113	163	1	60.3	65.5	0	0.99	1134	0	0	1	170.8	107.4	0.38	4482
0.8	59	132	191	1	60.5	66.1	0	0.99	1252	0	0	1	170	104.7	0.38	4878
0.2	33	74	107	2.5	58.7	63.4	0	5.86	910	0	0	2.5	177	117.1	2.24	3706
0.4	42	93	135	2.5	58.9	64.1	0	5.86	1080	0	0	2.5	176.5	112.9	2.24	4263
0.6	50	113	163	2.5	59	64.7	0	5.86	1235	0	0	2.5	176.1	109.7	2.24	4760
0.8	59	132	191	2.5	59.1	65.2	0	5.86	1378	0	0	2.5	175.7	107	2.24	5209

**AIB124-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	18	80	98	1	60.5	60.1	0	2.98	1052	0	0	1	163.2	165.9	2.32	8191
0.4	22	98	120	1	61	60.6	0	2.98	1503	0	0	1	160.2	162.5	2.32	9659
0.6	26	115	141	1	61.4	61.1	0	2.98	1718	0	0	1	157.4	159.4	2.32	11026
0.8	30	135	163	1	61.8	61.5	0	2.98	1918	0	0	1	154.8	156.4	2.33	12301
0.2	18	80	98	1.5	59.7	59.8	0	6.55	1293	0	0	1.5	168.6	167.3	5.07	8309
0.4	22	98	120	1.5	60	60.3	0	6.55	1535	0	0	1.5	166.5	164.3	5.08	9844
0.6	26	115	141	1.5	60.4	60.7	0	6.55	1764	0	0	1.5	164.6	161.5	5.08	11290
0.8	30	133	163	1.5	60.6	61.1	0	6.55	1980	0	0	1.5	162.7	158.9	5.09	12656

**AIB124-18 4-Pipe**

0.2	18	80	98	1	60.1	62.4	0	1.99	1071	0	0	1	169.9	127.4	0.77	4901
0.4	22	98	120	1	60.5	63.1	0	1.99	1244	0	0	1	168.6	123.2	0.77	5557
0.6	26	115	141	1	60.8	63.6	0	1.99	1403	0	0	1	167.4	119.8	0.77	6148
0.8	30	133	163	1	61.1	64.1	0	1.99	1551	0	0	1	166.3	117	0.77	6688
0.2	18	80	98	1.5	59.5	62.1	0	4.37	1104	0	0	1.5	173.1	128.8	1.68	5022
0.4	22	98	120	1.5	59.7	62.6	0	4.37	1290	0	0	1.5	172.2	124.7	1.68	5713
0.6	26	115	141	1.5	59.9	63.1	0	4.36	1462	0	0	1.5	171.3	121.4	1.68	6341
0.8	30	133	163	1.5	60.2	63.6	0	4.36	1623	0	0	1.5	170.5	118.6	1.68	6918

### AIB124-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	28	92	120	1	60.9	60.4	0	2.98	1436	0	0	1	161.1	163.5	2.32	9234
0.4	22	119	155	1	61.5	61.1	0	2.98	1757	0	0	1	156.9	158.8	2.33	11274
0.6	44	145	189	1	62.1	61.8	0	2.98	2047	0	0	1	153.1	154.5	2.33	13116
0.8	52	172	224	1	62.6	62.4	0	2.97	2310	0	0	1	149.7	150.6	2.33	14790
0.2	28	92	120	1.5	60	60.2	0	6.55	1465	0	0	1.5	167.2	165.2	5.07	9398
0.4	36	119	155	1.5	60.4	60.8	0	6.55	1805	0	0	1.5	164.2	161	5.08	11555
0.6	44	145	189	1.5	60.8	61.3	0	6.54	2119	0	0	1.5	161.5	157.2	5.09	13537
0.8	52	172	224	1.5	61.2	61.8	0	6.54	2410	0	0	1.5	159	153.8	5.1	15369

### AIB124-24 4-Pipe

0.2	28	92	120	1	60.4	62.9	0	1.99	1194	0	0	1	169	124.4	0.77	5369
0.4	36	119	155	1	60.9	63.7	0	1.99	1432	0	0	1	167.2	119.3	0.77	6254
0.6	44	145	189	1	61.3	64.4	0	1.99	1644	0	0	1	165.6	115.3	0.77	7029
0.8	52	172	224	1	61.7	65	0	1.98	1836	0	0	1	164.2	112.1	0.77	7720
0.2	28	92	120	1.5	59.6	62.5	0	4.37	1236	0	0	1.5	172.5	125.8	1.68	5515
0.4	36	119	155	1.5	60	63.2	0	4.36	1493	0	0	1.5	1712	120.8	1.68	6454
0.6	44	145	189	1.5	60.3	63.9	0	4.36	1727	0	0	1.5	170	116.9	1.68	7283
0.8	52	172	224	1.5	60.6	64.4	0	4.36	1940	0	0	1.5	169	113.8	1.68	8029

### AIB124-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	46	126	172	1	61.7	61.3	0	2.98	1834	0	0	1	155.9	157.7	2.33	11765
0.4	58	158	216	1	62.4	62.1	0	2.98	2181	0	0	1	151.4	152.5	2.33	13969
0.6	70	191	261	1	63	62.8	0	2.97	2490	0	0	1	147.3	148	2.34	15932
0.8	82	224	306	1	63.5	63.4	0	2.97	2766	0	0	1	143.7	144	2.34	17693
0.2	46	126	172	1.5	60.5	60.9	0	6.55	1888	0	0	1.5	163.5	160	5.08	12079
0.4	58	158	216	1.5	61	61.6	0	6.54	2267	0	0	1.5	160.2	155.5	5.09	14466
0.6	70	191	261	1.5	61.5	62.2	0	6.54	2611	0	0	1.5	157.3	151.5	5.1	16636
0.8	82	224	306	1.5	61.9	62.8	0	6.53	2927	0	0	1.5	154.5	147.8	5.11	18623

### AIB124-31 4-Pipe

0.2	46	126	172	1	61	63.9	0	1.99	1489	0	0	1	166.7	118.1	0.77	6462
0.4	58	158	216	1	61.5	64.7	0	1.98	1742	0	0	1	164.9	113.6	0.77	7382
0.6	70	191	261	1	61.9	65.4	0	1.98	1966	0	0	1	163.2	110.1	0.77	8187
0.8	82	224	306	1	62.3	65.9	0	1.98	2167	0	0	1	161.7	107.2	0.77	8906
0.2	46	126	172	1.5	60.1	63.4	0	4.36	1555	0	0	1.5	170.9	119.7	1.68	6676
0.4	58	158	216	1.5	60.4	64.1	0	4.36	1835	0	0	1.5	169.5	115.3	1.68	7664
0.6	70	191	261	1.5	60.8	64.8	0	4.36	2087	0	0	1.5	168.3	111.8	1.69	8537
0.8	82	224	306	1.5	61.1	65.3	0	4.36	2316	0	0	1.5	167.3	109	1.69	9323

**AIB124-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	66	147	213	1	62.1	61.8	0	2.98	2067	0	0	1	152.8	154.2	2.33	13247
0.4	83	186	269	1	62.9	62.7	0	2.98	2442	0	0	1	147.9	148.7	2.34	15631
0.6	101	224	325	1	63.5	63.4	0	2.97	2771	0	0	1	143.6	143.9	2.34	17725
0.8	118	263	381	1	64.1	64.1	0	2.97	3063	0	0	1	139.8	139.6	2.35	19582
0.2	66	147	213	1.5	60.9	61.4	0	6.54	2142	0	0	1.5	161.3	157	5.09	13679
0.4	83	186	269	1.5	61.4	62.1	0	6.54	2558	0	0	1.5	157.7	152.1	5.1	16301
0.6	101	224	325	1.5	61.9	62.8	0	6.53	2933	0	0	1.5	154.5	147.8	5.11	18660
0.8	118	263	381	1.5	62.4	63.4	0	6.53	3273	0	0	1.5	151.6	144	5.12	20800

**AIB124-38 4-Pipe**

0.2	66	147	213	1	61.3	64.4	0	1.99	1659	0	0	1	165.5	115	0.77	7083
0.4	83	186	269	1	61.9	65.3	0	1.98	1932	0	0	1	163.5	110.6	0.77	8064
0.6	101	224	325	1	62.3	65.9	0	1.98	2170	0	0	1	161.7	107.2	0.77	8919
0.8	118	263	381	1	62.8	66.5	0	1.98	2382	0	0	1	160.2	104.4	0.77	9677
0.2	66	147	213	1.5	60.3	63.9	0	4.36	1743	0	0	1.5	170	116.7	1.68	7342
0.4	83	186	269	1.5	60.7	64.7	0	4.36	2048	0	0	1.5	168.5	112.3	1.69	8403
0.6	101	224	325	1.5	61.1	65.3	0	4.36	2320	0	0	1.5	167.2	108.9	1.69	9338
0.8	118	263	381	1.5	61.4	65.9	0	4.36	2566	0	0	1.5	166.1	106.2	1.69	10174

**AIB126-18 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	27	120	147	1	61.7	60.5	0	0.58	1855	0	0	1	155.4	163.7	0.46	12002
0.4	33	147	180	1	62.3	61.1	0	0.58	2170	0	0	1	151.2	159.7	0.46	14042
0.6	39	173	212	1	62.9	61.7	0	0.58	2458	0	0	1	147.4	155.9	0.46	15901
0.8	45	200	245	1	63.4	62.2	0	0.58	2720	0	0	1	143.9	152.4	0.46	17601
0.2	27	120	147	1.5	60.5	60.1	0	1.28	1906	0	0	1.5	163.2	165.9	1	12292
0.4	33	147	180	1.5	61	60.6	0	1.28	2249	0	0	1.5	160.2	162.5	1	14492
0.6	39	173	212	1.5	61.4	61.1	0	1.28	2568	0	0	1.5	157.4	159.4	1	16536
0.8	45	200	245	1.5	61.8	61.6	0	1.28	2866	0	0	1.5	154.8	156.4	1	18442

**AIB126-18 4-Pipe**

0.2	27	120	147	1	61.1	62.8	0	2.98	1562	0	0	1	165.1	126.6	1.16	7248
0.4	33	147	180	1	61.6	63.5	0	2.98	1806	0	0	1	163.2	122.3	1.16	8194
0.6	39	173	212	1	62.1	64	0	2.98	2027	0	0	1	161.5	118.9	1.16	9042
0.8	45	200	245	1	62.5	64.5	0	2.98	2230	0	0	1	159.9	115.9	1.16	9812
0.2	27	120	147	1.5	60.2	62.3	0	6.55	1628	0	0	1.5	169.8	128.4	2.53	7483
0.4	33	147	180	1.5	60.5	62.9	0	6.55	1895	0	0	1.5	168.4	124.3	2.53	8498
0.6	39	173	212	1.5	60.9	63.4	0	6.55	2141	0	0	1.5	167.1	120.9	2.53	9415
0.8	45	200	245	1.5	61.2	63.9	0	6.54	2370	0	0	1.5	166	118	2.54	10255

### AIB126-24 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	42	139	181	1	62.2	60.9	0	0.58	2080	0	0	1	152.4	160.8	0.46	13455
0.4	54	178	232	1	63	61.8	0	0.58	2509	0	0	1	146.7	155.2	0.46	16234
0.6	66	218	284	1	63.8	62.6	0	0.58	2884	0	0	1	141.7	150.2	0.46	18669
0.8	78	257	335	1	64.4	63.5	0	0.58	3214	0	0	1	137.3	145.7	0.46	20817
0.2	42	139	181	1.5	60.9	60.5	0	1.28	2150	0	0	1.5	161.1	163.5	1	13855
0.4	54	178	232	1.5	61.5	61.2	0	1.28	2626	0	0	1.5	156.9	158.8	1	16907
0.6	66	218	284	1.5	62.1	61.9	0	1.28	3055	0	0	1.5	153.1	154.5	1	19659
0.8	78	257	335	1.5	62.6	62.5	0	1.28	3444	0	0	1.5	149.7	150.5	1	22155

### AIB126-24 4-Pipe

0.2	42	139	181	1	61.5	63.3	0	2.98	1736	0	0	1	163.7	123.5	1.16	7924
0.4	54	178	232	1	62.1	64.1	0	2.98	2067	0	0	1	161.1	118.3	1.16	9193
0.6	66	218	284	1	62.7	64.9	0	2.98	2358	0	0	1	158.9	114.2	1.16	10295
0.8	78	257	335	1	63.2	65.5	0	2.97	2616	0	0	1	156.9	111	1.16	11272
0.2	42	139	181	1.5	60.4	62.7	0	6.55	1818	0	0	1.5	168.8	125.4	2.53	8207
0.4	54	178	232	1.5	60.9	63.5	0	6.55	2186	0	0	1.5	166.9	120.3	2.54	9580
0.6	66	218	284	1.5	61.4	64.2	0	6.54	2516	0	0	1.5	165.3	116.3	2.54	10786
0.8	78	257	335	1.5	61.8	64.8	0	6.54	2815	0	0	1.5	163.8	113.1	2.54	11866

### AIB126-31 2-Pipe

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	69	188	257	1	63.2	62	0	0.58	2610	0	0	1	145.4	153.9	0.46	16890
0.4	87	238	325	1	64.1	63	0	0.58	3054	0	0	1	139.5	147.9	0.46	19771
0.6	105	287	392	1	64.9	63.8	0	0.58	3434	0	0	1	134.4	142.6	0.46	22246
0.8	123	336	459	1	65.5	64.5	0	0.58	3762	0	0	1	130	138	0.46	24394
0.2	69	188	257	1.5	61.7	61.4	0	1.28	2740	0	0	1.5	155.9	157.6	1	17641
0.4	87	238	325	1.5	62.3	62.2	0	1.28	3254	0	0	1.5	151.4	152.5	1	20931
0.6	105	287	392	1.5	62.9	62.9	0	1.28	3709	0	0	1.5	147.9	147.9	1	23856
0.8	123	336	459	1.5	63.5	63.5	0	1.28	4116	0	0	1.5	143.8	143.8	1.01	26475

### AIB126-31 4-Pipe

0.2	69	188	257	1	62.3	64.3	0	2.98	2145	0	0	1	160.5	117.1	1.16	9490
0.4	87	238	325	1	63	65.2	0	2.97	2490	0	0	1	157.9	112.5	1.16	10795
0.6	105	287	392	1	63.6	65.9	0	2.97	2790	0	0	1	155.5	108.9	1.16	11928
0.8	123	336	459	1	64.1	66.5	0	2.97	3055	0	0	1	153.5	106	1.16	12930
0.2	69	188	257	1.5	61	63.7	0	6.55	2274	0	0	1.5	166.5	119.2	2.54	9904
0.4	87	238	325	1.5	61.6	64.5	0	6.54	2669	0	0	1.5	164.5	114.7	2.54	11337
0.6	105	287	392	1.5	62	65.1	0	6.54	3020	0	0	1.5	162.8	111.1	2.54	12598
0.8	123	336	459	1.5	62.4	65.7	0	6.53	3335	0	0	1.5	161.2	108.2	2.54	13725

**AIB126-38 2-Pipe**

Pressure (inch of water)	Primary Air (CFM)	Induced Air (CFM)	Total Room Air (CFM)	Cooling GPM	LWT °F	LAT DB °F	LAT WB °F	Fluid PD	Coil Sensible Cooling BTU	Coil Latent BTU	Condensate Gallon/Hr	Heating GPM	LWT (°F)	LAT DB °F	Fluid PD	Coil Sensible Heating BTU
0.2	99	221	320	1	63.8	62.7	0	0.58	2911	0	0	1	141.4	149.8	0.46	18839
0.4	125	279	404	1	64.8	63.7	0	0.58	3376	0	0	1	135.1	143.4	0.46	21782
0.6	151	337	488	1	65.5	64.5	0	0.58	3768	0	0	1	129.9	137.9	0.46	24433
0.8	172	395	572	1	66.2	65.3	0	0.58	4100	0	0	1	125.4	133.1	0.46	26620
0.2	99	221	320	1.5	62.1	61.9	0	1.28	3086	0	0	1.5	152.9	154.1	1	19855
0.4	125	279	404	1.5	62.9	62.8	0	1.28	3639	0	0	1.5	148	148.6	1	23408
0.6	151	337	488	1.5	63.5	63.5	0	1.28	4123	0	0	1.5	143.7	143.7	1.01	26522
0.8	177	395	572	1.5	64.1	64.2	0	1.27	4550	0	0	1.5	140	139.4	1.01	29279

**AIB126-38 4-Pipe**

0.2	99	221	320	1	62.8	64.9	0	2.98	2378	0	0	1	158.7	114	1.16	10373
0.4	125	279	404	1	63.5	65.8	0	2.97	2745	0	0	1	155.9	109.5	1.16	11755
0.6	151	337	488	1	64.1	66.5	0	2.97	3059	0	0	1	153.4	106	1.16	12948
0.8	177	395	572	1	64.7	67.1	0	2.97	3334	0	0	1	151.3	103.2	1.17	13997
0.2	99	221	320	1.5	61.4	64.2	0	6.54	2540	0	0	1.5	165.1	116.1	2.54	10871
0.4	125	279	404	1.5	62	65	0	6.54	2966	0	0	1.5	163	111.6	2.54	12405
0.6	151	337	488	1.5	62.5	65.7	0	6.53	3341	0	0	1.5	161.2	108.2	2.54	13746
0.8	177	395	572	1.5	62.9	66.3	0	6.53	3676	0	0	1.5	159.6	105.4	2.54	14940





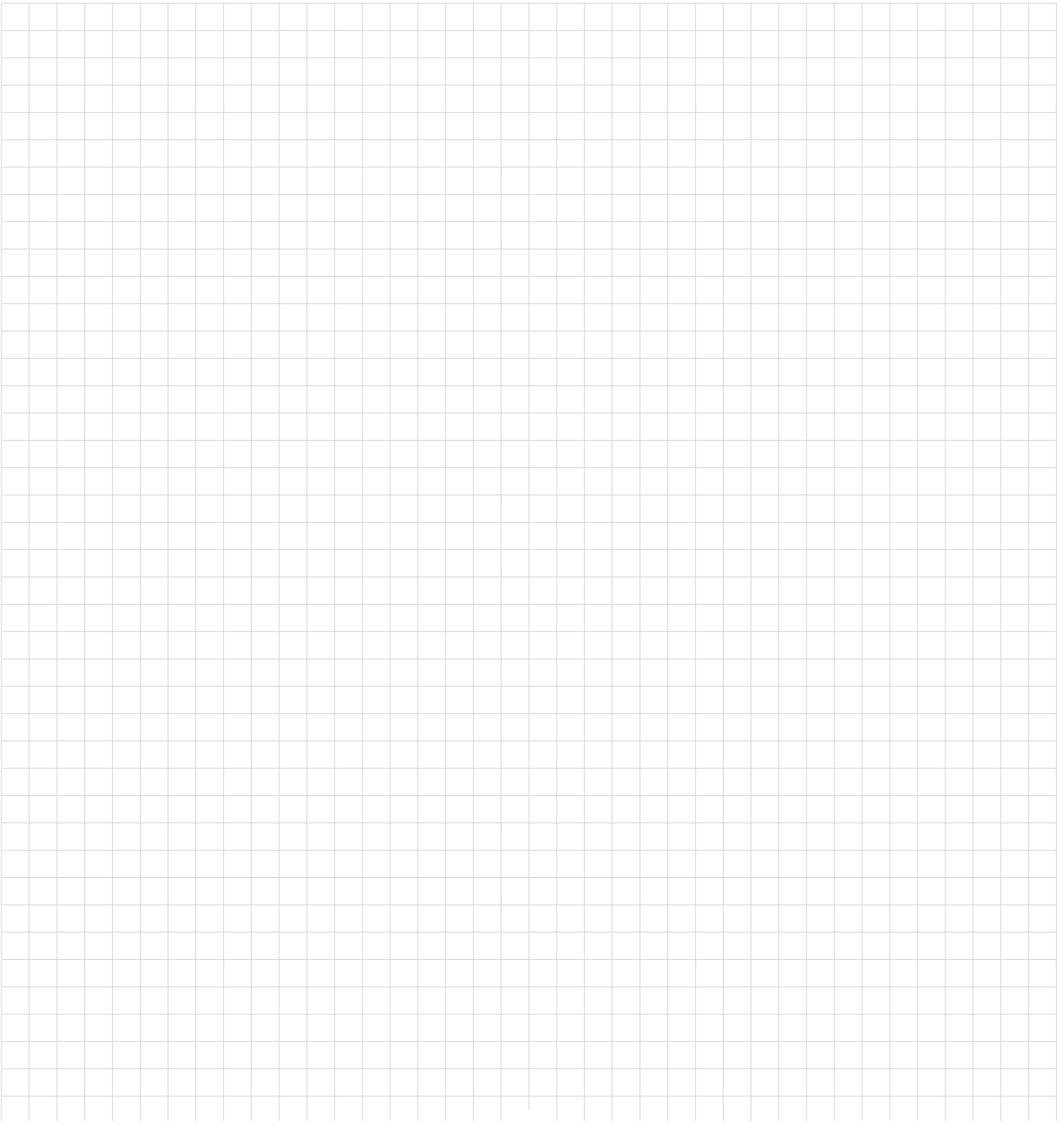


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always the  
best climate

Always the best climate for

# SMART IDEAS



The brand with the best indoor climate solutions.

## FOUR COMPLEMENTARY PRODUCT LINES

The broad and clearly structured portfolio from the Zehnder Group is split into four product lines. Consequently, we can provide the right product, the perfect system and the matching service for all types of projects - from new builds to renovations, single- or multiple- family homes, as well as commercial projects. This variety ensures that our wealth of experience is continuously expanding, providing tangible added value to our customers on a daily basis.



### Decorative radiators

Our individual decorative radiators for living and bathrooms not only make a home warmer but also more attractive. Created by renowned designers, they impress with excellent functionality.

## NUMBERS THAT SPEAK FOR THEMSELVES

MANUFACTURER OF THE

**1<sup>ST</sup>**

STEEL RADIATOR IN  
THE WORLD

**121**

YEARS OF INNOVATIVE TRADITION

AROUND

**3,000**

EMPLOYEES

FOUNDED IN

**1895**

REPRESENTED IN  
COUNTRIES

**19**

**1,800,000**

TONNES OF CO<sub>2</sub> SAVED SINCE 2005

## WARRANTY

Zehnder guarantees its products to be free from defects in material and workmanship for a period of two years from date of shipment from our Buffalo, NY factory, whichever comes first.

Should there be any defects in the good(s), the purchaser should promptly notify Zehnder. Upon receipt of written consent from Zehnder, the purchaser shall return the defective good(s) to the factory for inspection with freight prepaid. If inspection shows the goods to be defective, Zehnder will at its discretion repair or replace the said item(s).

Defects arising from damage due to shipment, improper installation, negligence or misuse by others are not covered by this warranty.



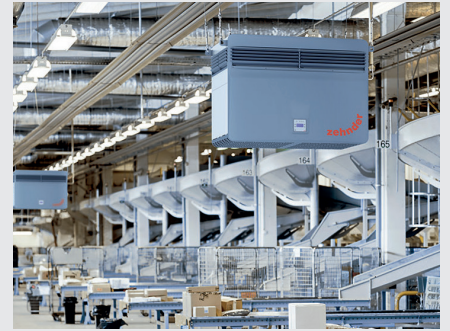
### Comfortable indoor ventilation

Our comfortable indoor ventilation is energy-efficient and provides a healthy indoor climate. It promotes the well-being of the occupants and increases the value of the property.



### Heating and cooling ceiling systems

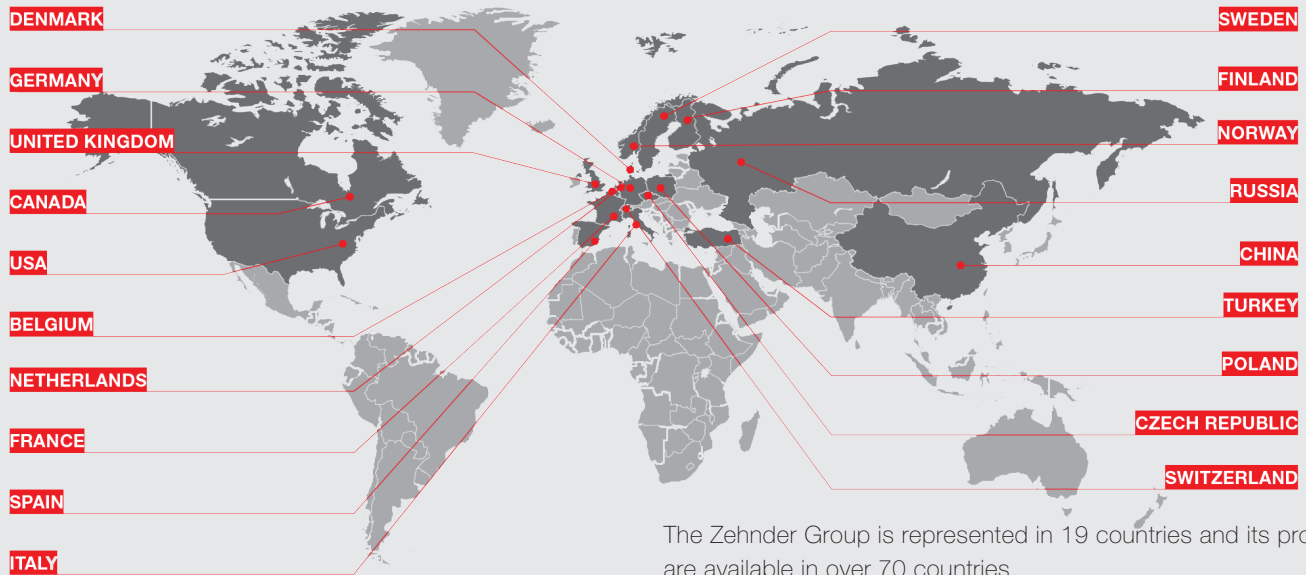
Zehnder heating and cooling ceiling systems are convenient and energy-efficient for heating and cooling. They are perfectly attuned to the relevant environment.



### Clean air solutions

Clean air solutions from Zehnder reduce the level of dust in the air, create a healthier working climate and reduce the amount of cleaning required.

## BEST CLIMATE IN THE WORLD



The Zehnder Group is represented in 19 countries and its products are available in over 70 countries

This warranty is extended only to the original purchaser from Zehnder.

**IMPORTANT:** Approved submittal documentation, specific to each project, supersedes the general guidelines contained within this document.

**zehnder**

The Zehnder brand offers excellent indoor climate solutions within the sectors of decorative radiators, clean air solutions, comfortable indoor ventilation and heating and cooling ceiling systems.

