

Pre Installation Requirements

1. Unit sized correctly and applied correctly

Refer to Pages 3 through 10 for information on the sizing and additional requirements for the specific application required. If in doubt ask your Team Airh authorized distributor or call Technical Service for advice

2. Electrical Requirements

All the Team Air units require Line Voltage interconnect for both power for the Indoor unit and Control voltage for the Outdoor unit.

There is **NO** 24V AC wiring on these units, therefore all the electrical wiring between the units **MUST** be a minimum of 14 AWG

The Outdoor unit **MUST** be fed with power from the Breaker and/or Local Disconnect. The Outdoor unit **MUST** provide power for the Indoor unit.

Do not install local disconnects or J boxes adjacent to the Indoor unit as this can cause mis-wiring and polarity issues for the system

3. Breaker Size

Check the Breaker Size is correct for the system, Team Air units do not have start components for the compressor, and therefore they rely on the correct power and amperage supply to start

Unit	Power Supply	Breaker Size
DHP 09A	115V-1Ph-60Hz	15A
DHP 12A	115V-1Ph-60Hz	15A
DHP 18B	208/230V-1Ph-60Hz	20A
DHP 24B	208/230V-1Ph-60Hz	25A

Cont

4. Line Set Lengths and Sizes

Ensure that the Maximum Line Set lengths are observed; the System will not operate correctly and will probably experience premature failure of its components.

DO NOT upsize or alter the Line Set Sizes from those published, Team Air cannot guarantee operation with incorrectly sized or extended Line Sets

DO NOT install Sight Glasses or Filter Driers in the Line Set

Model	Suction	Expanded Gas	Total Length	Lift
DHP 09A	½"	¼"	50ft	20ft
DHP 12A	½"	¼"	50ft	20ft
DHP 18B	5/8"	3/8"	50ft	20ft
DHP 24B	5/8"	3/8"	50ft	20ft

All of the units have the expansion device located in the Outdoor unit; therefore both the Suction and the "Liquid" line MUST be insulated (separately).

5. Indoor Unit Positioning

High Wall units must be mounted high on the wall, use a height of 6 to 8 feet, with nothing that would restrict airflow in front of the indoor units. This will provide optimum operation. Minimum height from the floor is 4ft.

The air returned to the indoor unit must be indicative of the true temperature of the entire space. When the unit is high on the wall, and the discharge air travels along the longest path possible to return to the unit (no blockage or reflected air returned) the system will operate properly. Wall units throw air approximately 15' (9 & 12,000 Btu/h units) and 25' (18 & 24,000 Btu/h units)

Use the templates provided to locate the unit on the wall and to center the refrigerant connection hole - Team Airh recommends a 3" wall penetration to ease mounting of the unit.

6. Outdoor Unit Positioning

Ensure that a minimum distance of 6" behind the unit, and 24" in front of unit is maintained; otherwise the condenser airflow will be affected.

Ensure adequate access for service and repair is provided. The easiest access to the unit can be obtained by removing the top cover to the condensing unit. All valve and electrical connections are on the RHS of the Outdoor unit when looking at the condenser fan