

Applications

Residential

Sizing

Sizing and Location of the Mini Split to the room is still EXTREMELY IMPORTANT.

Team Air recommends a 12,000 Btu/h capacity for each 500 to 600 Sq Ft of the Room for most applications inside the house

The throw of the 9 or 12,000 Btu/h units is approximately 15 feet, and the 18 or 24,000 Btu/h units have a throw of approximately 25 feet.

Therefore when applying these units in a residential application make sure that the units are not mounted at the top of the stairs blowing directly onto a wall or inside a niche or cutout in a room.

Again the temperature sensor is designed to sense the returning air after it has been supplied to the room, extracted the heat and humidity and then returned to the unit, not when it has been bounced directly back off a wall or other obstacle.

Ambient

As standard the units are capable of cooling down to an ambient of 65 DegF, which is sufficient for the majority of residential applications

Indoor unit Location

For optimum unit operation the High Wall Indoor unit should be mounted a minimum of 6 feet from the floor. A minimum height of 4 feet must be maintained for correct unit operation. Ensure air flow is never directly straight onto areas where people may sit or congregate, as the temperature difference between Supply and Return air will be approximately 35 DegF.

Outdoor unit location

The Outdoor units are designed to operate with extremely low noise levels compared to the standard US condensing unit, this allows the outdoor units to be located in areas closer to property lines, however when locating the Team Air Outdoor unit ensure that the spacing detailed in the Installation manual are observed, and that the maximum line length and lift restrictions are adhered to.

Garages or FROG's/Bonus Rooms

Team Air Mini Splits are perfect for adding conditioning to Garages and FROG's/Bonus Rooms Use a 400 sq per 12,000 Btu/h sizing guide and as always follow the location guidelines provided for the Indoor and Outdoor unit.