

Maintenance

Mini Splits are very easy to maintain, in reality they are not very different to the maintenance on a Central A/C or Heat Pump system, and can be placed on a similar maintenance schedule with one major exception.

Filters & the Continuous Fan

All Mini Splits feature continuous Indoor fan operation when the unit is powered and turned on, the Indoor fan does not cycle with the compressor as is common with the standard "US style" systems

The reason for this is :

While the system is on, the fan slowly moves air throughout the conditioned space, monitoring the temperature of the air returning to the fan coil. This action provides accurate temperature control and eliminates temperature and air stratification inside the room.

The system will quickly react to changes in temperature in the conditioned space, allowing a minimal temperature fluctuation and a more comfortable environment.

The energy use and wear on a constantly moving fan is less than a fan constantly starting and stopping. The additional cost per year is negligible.

It can be compared to a 40-watt light bulb being used all year (approximate cost per day of less than a quarter) to a 1/3 to 1/2 (500 to 750 watts) hp motor. (Which is started and stopped 4 to 6 times in an hour, consuming far more energy and costing more : 500W x 20minutes = 166W consumed per hour versus 40W for the Team Air unit

But the constant fan operation does have one drawback, the unit air filters work harder and therefore clog up faster than on a regular central unit

Therefore Team Air recommends that in **ALL** applications the 2 large Air Filters be cleaned **MONTHLY**.

This is very important, especially with the lower airflows of the Team Air units any loss of airflow due to dirty or clogged filters can cause the unit to possibly freeze up the indoor coil or to cycle on the freeze protection thermostat