

High Static - High Eff Fan

Part Number

HS - * - * * * - *

high static

High Static Fan addition designator.

unit

Unit designator.

voltage

G - 208/230VAC, 1Φ
 H - 208/230VAC, 3Φ
 K - 460VAC, 3Φ

ex. static

External static designator.

airflow

Airflow designator @ external static.

Description

iAIRE takes a customer supplied unit and removes the existing supply fan blower in the unit and replaces it with high efficiency ec blower(s) to meet the described airflow and external static. The ec blower is so efficient that in most cases, adding this fan even for high static installations requires no more electric usage than the standard belt driven blower. If using this option for high static applications, you must purchase the double wall construction for the cabinet. The normal HVAC units cannot handle external static above 1.75". The double wall construction helps add the ability to get this cabinet up to near 3.0" esp.

This option adds approximately 50 lbs. to each unit. This unit comes equipped with a controller that will allow the user to go in and ramp the fan speed to a fixed speed. If the user wants to ramp the fan speed up and down with an external signal, a 0-10 V signal can be sent to the terminal strip to ramp the fan up or down.