

Product Information

Series	ES
Model	ES70AES
Flow Configuration	UP
Refrigerant	R410A
Unit Dimension LxDxH	1815 x 891 x 1985 mm3
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	EC 500 D
No. of Fan	2
Fan Speed	1728 RPM
Filter Type	G4
Airflow Rate	20000 m3/hr
External Static Pressure	50 Pa
Total Static Pressure	479 Pa
Motor Heat	2.08 kW

Entering Air Properties

Dry Bulb Temperature	25.0 °C
Relative Humidity	56.0 %

Outlet Air Properties

Dry Bulb Temperature	15.8 °C
Relative Humidity	91.7 %

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	2
Condenser Model	HEC374
Heat Rejection	43.34 kW
Compressor Size	11HP
Evaporating Temperature	11.4 °C
Condensing Temperature	53.8 °C
Compressor Power Input	9.0 kW

Unit Capacity

Gross Total Capacity	68.68 kW
Gross Sensible Capacity	55.92 kW
Gross SHR	0.81
Net Total Capacity	66.6 kW
Net Sensible Capacity	53.84 kW
Net SHR	0.81