

Product Information

Series	ES
Model	ES80AES
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	1638 RPM
Filter Type	G4
Airflow Rate	18900 m3/hr
External Static Pressure	50 Pa
Total Static Pressure	433 Pa
Motor Heat	1.78 kW

Entering Air Properties

Dry Bulb Temperature	23.0 °C
Relative Humidity	35.0 %

Outlet Air Properties

Dry Bulb Temperature	11.5 °C
Relative Humidity	72.7 %

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	2
Condenser Model	HEC434
Heat Rejection	48.92 kW
Compressor Size	13HP
Evaporating Temperature	5.6 °C
Condensing Temperature	53.6 °C
Compressor Power Input	12.0 kW

Unit Capacity

Gross Total Capacity	73.85 kW
Gross Sensible Capacity	73.85 kW
Gross SHR	1.0
Net Total Capacity	72.07 kW
Net Sensible Capacity	72.07 kW
Net SHR	1.0