

Product Information

Series	ES
Model	ES51AES
Flow Configuration	UP
Refrigerant	R410A
Unit Dimension LxDxH	1315 x 891 x 1985 mm3
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	EC 500 D
No. of Fan	2
Fan Speed	1420 RPM
Filter Type	G4
Airflow Rate	13320 m3/hr
External Static Pressure	50 Pa
Total Static Pressure	425 Pa
Motor Heat	1.17 kW

Entering Air Properties

Dry Bulb Temperature	24.0 °C
Relative Humidity	45.0 %

Outlet Air Properties

Dry Bulb Temperature	13.5 °C
Relative Humidity	82.6 %

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	2
Condenser Model	HEC274
Heat Rejection	31.23 kW
Compressor Size	8HP
Evaporating Temperature	7.8 °C
Condensing Temperature	52.8 °C
Compressor Power Input	7.0 kW

Unit Capacity

Gross Total Capacity	48.47 kW
Gross Sensible Capacity	44.06 kW
Gross SHR	0.91
Net Total Capacity	47.3 kW
Net Sensible Capacity	42.89 kW
Net SHR	0.91