

Product Information

Series	ES
Model	ESU40AES
Flow Configuration	BOT INTAKE - TOP DISC
Refrigerant	R410A
Unit Dimension LxDxH	1315 x 891 x 1985 mm ³
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	AC 500 D
No. of Fan	2
Fan Speed	1420 RPM
Filter Type	G4
Airflow Rate	13320 m ³ /hr
External Static Pressure	50 Pa
Total Static Pressure	425 Pa
Motor Heat	1.17 kW

Entering Air Properties

Dry Bulb Temperature	32.0 °C
Relative Humidity	36.0 %
Wet Bulb Temperature	20.7 °C

Outlet Air Properties

Dry Bulb Temperature	21.3 °C
Relative Humidity	67.8 %
Wet Bulb Temperature	17.3 °C

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	1
Condenser Model	HEC574
Heat Rejection	56.49 kW
Compressor Size	12HP
Evaporating Temperature	15.4 °C
Condensing Temperature	51.2 °C
Compressor Power Input	7.8 kW

Unit Capacity

Gross Total Capacity	48.69 kW
Gross Sensible Capacity	48.69 kW
Gross SHR	1.0
Net Total Capacity	47.52 kW
Net Sensible Capacity	47.52 kW
Net SHR	1.0