

Product Information

Series	ES
Model	ESU50AES
Flow Configuration	BOTTOM INTAKE - TOP DISCHARGE
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	13.8 °C
Relative Humidity	82.9 %

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	1
Condenser Model	HEC434
Heat Rejection	58.77 kW
Compressor Size	15HP
Evaporating Temperature	8.5 °C
Condensing Temperature	57.3 °C
Compressor Power Input	14.8 kW

Unit Capacity

Gross Total Capacity	43.97 kW
Gross Sensible Capacity	41.8 kW
Gross SHR	0.95
Net Total Capacity	42.8 kW
Net Sensible Capacity	40.63 kW
Net SHR	0.95