

## Product Information

Series	ES
Model	ESU51AES
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	13.5 °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