

## Product Information

Series	ES
Model	ESU50AES
Flow Configuration	BOTTOM INTAKE - TOP DISCHARGE
Refrigerant	R410A
Unit Dimension LxDxH	1315 x 891 x 1985 mm <sup>3</sup>
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 m <sup>3</sup> /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 %
Wet Bulb Temperature	16.3 °C

## Outlet Air Properties

Dry Bulb Temperature	13.8 °C
Relative Humidity	82.9 %
Wet Bulb Temperature	12.1 °C

## 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