

## Product Information

Series	ES
Model	ESU45AES
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	1668 RPM
Filter Type	F7
Airflow Rate	12500 m <sup>3</sup> /hr
External Static Pressure	75 Pa
Total Static Pressure	682 Pa
Motor Heat	1.89 kW

## Entering Air Properties

Dry Bulb Temperature	25.0 °C
Relative Humidity	49.0 %
Wet Bulb Temperature	17.7 °C

## Outlet Air Properties

Dry Bulb Temperature	15.8 °C
Relative Humidity	83.1 %
Wet Bulb Temperature	14.1 °C

## Refrigeration System/Circuit

Ambient Temperature	36.5 °C
No. of Circuit	1
Condenser Model	HEC574
Heat Rejection	55.44 kW
Compressor Size	13HP
Evaporating Temperature	10.2 °C
Condensing Temperature	52.5 °C
Compressor Power Input	11.6 kW

## Unit Capacity

Gross Total Capacity	43.84 kW
Gross Sensible Capacity	39.98 kW
Gross SHR	0.91
Net Total Capacity	41.95 kW
Net Sensible Capacity	38.09 kW
Net SHR	0.91