

Product Information

Series	ES
Model	ESU41AES
Flow Configuration	BOTTOM INTAKE - TOP DISCHARGE
Refrigerant	R410A
Unit Dimension LxDxH	1315 x 891 x 1985 mm ³
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 ³ /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	15.0 °C
Relative Humidity	78.6 %
Wet Bulb Temperature	12.8 °C

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	2
Condenser Model	HEC274
Heat Rejection	0.0 kW
Compressor Size	6HP
Evaporating Temperature	9.9 °C
Condensing Temperature	49.8 °C
Compressor Power Input	-20.37 kW

Unit Capacity

Gross Total Capacity	40.74 kW
Gross Sensible Capacity	40.74 kW
Gross SHR	1.0
Net Total Capacity	39.57 kW
Net Sensible Capacity	39.57 kW
Net SHR	1.0