

Product Information

Series	ES
Model	ESU90AES
Flow Configuration	BOTTOM INTAKE - TOP DISCHARGE
Refrigerant	R410A
Unit Dimension LxDxH	2500 x 891 x 1985 mm ³
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	EC 500 D
No. of Fan	3
Fan Speed	1372 RPM
Filter Type	G4
Airflow Rate	22333 m ³ /hr
External Static Pressure	50 Pa
Total Static Pressure	328 Pa
Motor Heat	1.03 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	13.2 °C
Relative Humidity	83.5 %
Wet Bulb Temperature	11.6 °C

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	2
Condenser Model	HEC904
Heat Rejection	0.0 kW
Compressor Size	13HP
Evaporating Temperature	7.6 °C
Condensing Temperature	45.0 °C
Compressor Power Input	-44.64 kW

Unit Capacity

Gross Total Capacity	89.28 kW
Gross Sensible Capacity	80.69 kW
Gross SHR	0.9
Net Total Capacity	88.25 kW
Net Sensible Capacity	79.66 kW
Net SHR	0.9