

Product Information

Series	ES
Model	ESU25AES
Flow Configuration	BOT INTAKE - TOP DISC
Refrigerant	R410A
Unit Dimension LxDxH	800 x 891 x 1985 mm ³
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	AC 500 D
No. of Fan	1
Fan Speed	1302 RPM
Filter Type	G4
Airflow Rate	6630 m ³ /hr
External Static Pressure	50 Pa
Total Static Pressure	320 Pa
Motor Heat	0.88 kW

Entering Air Properties

Dry Bulb Temperature	22.0 °C
Relative Humidity	45.0 %
Wet Bulb Temperature	14.7 °C

Outlet Air Properties

Dry Bulb Temperature	11.6 °C
Relative Humidity	83.3 %
Wet Bulb Temperature	10.1 °C

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	1
Condenser Model	HEC314
Heat Rejection	30.22 kW
Compressor Size	8HP
Evaporating Temperature	6.1 °C
Condensing Temperature	50.2 °C
Compressor Power Input	6.6 kW

Unit Capacity

Gross Total Capacity	23.62 kW
Gross Sensible Capacity	21.75 kW
Gross SHR	0.92
Net Total Capacity	22.74 kW
Net Sensible Capacity	20.87 kW
Net SHR	0.92