

Product Information

Series	ESM
Model	ESMU20AS5
Flow Configuration	BOT INTAKE - TOP DISC
Refrigerant	R410A
Unit Dimension LxDxH	800 x 890 x 1985 mm ³
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	AC 450 D
No. of Fan	1
Fan Speed	1400 RPM
Filter Type	G4
Airflow Rate	4890 m ³ /hr
External Static Pressure	184 Pa
Total Static Pressure	352 Pa
Motor Heat	1.1 kW

Entering Air Properties

Dry Bulb Temperature	25.0 °C
Relative Humidity	45.0 %
Wet Bulb Temperature	17.1 °C

Outlet Air Properties

Dry Bulb Temperature	14.0 °C
Relative Humidity	84.9 %
Wet Bulb Temperature	12.5 °C

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	1
Condenser Model	HCC244
Heat Rejection	26.36 kW
Compressor Size	6HP
Evaporating Temperature	8.8 °C
Condensing Temperature	51.1 °C
Compressor Power Input	5.8 kW

Unit Capacity

Gross Total Capacity	20.56 kW
Gross Sensible Capacity	18.87 kW
Gross SHR	0.92
Net Total Capacity	19.46 kW
Net Sensible Capacity	17.77 kW
Net SHR	0.91