

Product Information

Series	ESM
Model	ESMU08AS5
Flow Configuration	BOT INTAKE - TOP DISC
Refrigerant	R410A
Unit Dimension LxDxH	650 x 655 x 1940 mm ³
Power Supply	400V-3ph-50Hz

Fan Information

Fan Type	AC 400 D
No. of Fan	1
Fan Speed	1370 RPM
Filter Type	G4
Airflow Rate	2980 m ³ /hr
External Static Pressure	184 Pa
Total Static Pressure	321 Pa
Motor Heat	0.51 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	14.3 °C
Relative Humidity	76.7 %
Wet Bulb Temperature	12.0 °C

Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	1
Condenser Model	HEC274
Heat Rejection	13.38 kW
Compressor Size	4HP
Evaporating Temperature	7.1 °C
Condensing Temperature	43.5 °C
Compressor Power Input	2.4 kW

Unit Capacity

Gross Total Capacity	10.98 kW
Gross Sensible Capacity	9.6 kW
Gross SHR	0.87
Net Total Capacity	10.47 kW
Net Sensible Capacity	9.09 kW
Net SHR	0.87