

## Product Information

Series	ESM
Model	ESMU10AS5
Flow Configuration	BOT INTAKE - TOP DISC
Refrigerant	R410A
Unit Dimension LxDxH	650 x 655 x 1940 mm <sup>3</sup>
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	2990 m <sup>3</sup> /hr
External Static Pressure	181 Pa
Total Static Pressure	319 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	14.9 °C
Relative Humidity	75.3 %
Wet Bulb Temperature	12.4 °C

## Refrigeration System/Circuit

Ambient Temperature	35.0 °C
No. of Circuit	1
Condenser Model	HCC184
Heat Rejection	13.18 kW
Compressor Size	4HP
Evaporating Temperature	7.6 °C
Condensing Temperature	47.2 °C
Compressor Power Input	2.7 kW

## Unit Capacity

Gross Total Capacity	10.48 kW
Gross Sensible Capacity	9.48 kW
Gross SHR	0.9
Net Total Capacity	9.97 kW
Net Sensible Capacity	8.97 kW
Net SHR	0.9