

## Product Information

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Series	ES
Model	ES51AES
Flow Configuration	UP
Refrigerant	R410A
Unit Dimension LxDxH	1315 x 891 x 1985 mm3
Power Supply	400V-3ph-50Hz

## Fan Information

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Fan Type	EC 500 D
No. of Fan	2
Fan Speed	1217 RPM
Filter Type	G4
Airflow Rate	11111 m3/hr
External Static Pressure	50 Pa
Total Static Pressure	311 Pa
Motor Heat	0.72 kW

## Entering Air Properties

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Dry Bulb Temperature	24.0 °C
Relative Humidity	45.0 %

## Outlet Air Properties

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Dry Bulb Temperature	12.8 °C
Relative Humidity	84.4 %

## Refrigeration System/Circuit

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Ambient Temperature	35.0 °C
No. of Circuit	2
Condenser Model	HEC274
Heat Rejection	30.77 kW
Compressor Size	8HP
Evaporating Temperature	7.2 °C
Condensing Temperature	52.6 °C
Compressor Power Input	7.0 kW

## Unit Capacity

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Gross Total Capacity	47.55 kW
Gross Sensible Capacity	41.98 kW
Gross SHR	0.88
Net Total Capacity	46.83 kW
Net Sensible Capacity	41.26 kW
Net SHR	0.88