

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 | 1420 RPM |
| Filter Type | G4 |
| Airflow Rate | 13320 m3/hr |
| External Static Pressure | 50 Pa |
| Total Static Pressure | 425 Pa |
| Motor Heat | 1.17 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 | 13.5 °C |
| Relative Humidity | 82.6 % |

Refrigeration System/Circuit

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|-------------------------|----------|
| Ambient Temperature | 35.0 °C |
| No. of Circuit | 2 |
| Condenser Model | HEC274 |
| Heat Rejection | 31.23 kW |
| Compressor Size | 8HP |
| Evaporating Temperature | 7.8 °C |
| Condensing Temperature | 52.8 °C |
| Compressor Power Input | 7.0 kW |

Unit Capacity

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|-------------------------|----------|
| Gross Total Capacity | 48.47 kW |
| Gross Sensible Capacity | 44.06 kW |
| Gross SHR | 0.91 |
| Net Total Capacity | 47.3 kW |
| Net Sensible Capacity | 42.89 kW |
| Net SHR | 0.91 |