

Refrigerant Dryer KT-S120

Rev 01_0324

Technical data sheet

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| Reference conditions according to DIN/ISO 7183 | Unit | Design data |
|--|-------------------|-------------|
| Rated Air Flow max. | m ³ /h | 120 |
| Working pressure | bar g | 7 |
| Dewpoint | °C | + 3 |
| Air Inlet Temperature | °C | + 35 |
| Ambient Temperature | °C | + 25 |

| Data under Operating Conditions | Unit | Design data |
|---------------------------------|-------------------|-------------|
| Rated Air Flow max. | m ³ /h | 120 |
| Working Pressure max. | bar g | 16 |
| Dewpoint | °C | + 4 |
| Ambient temperature max. | °C | + 50 |
| Air Inlet Temperature max. | °C | + 60 |
| Pressure drop | mbar | 280 |

| General Data | Unit | Design data |
|--------------------------------------|-------------------|---------------------------------------|
| Cooling | Type | Air cooled |
| Refrigerant | Type | R134 a |
| Refrigerant Quantity | Kg | 0.68 |
| Number of Heat Exchangers | Pcs. | 1 |
| Heat Exchanger | Type | Brazed plate |
| Heat Rejection Capacity max. at 45°C | W | 955 |
| Compressor | Type | Hermetic |
| Condenser Air Flow | m ³ /h | 700 |
| Working Pressure max. | bar g | 16 |
| Air Inlet Temperature max. | °C | + 60 |
| Condenser Fans | Pcs. | 1 |
| Fan Size | Ø mm | 250 |
| Drain Type | Type | KN1 |
| Air Outlet Temperature | °C | 25 - 30 at 35°C air inlet temperature |
| Relative Humidity | % | 100 |

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| Electrical Data | Unit | Design data |
|---|---------|-----------------|
| Total installed power | kW | 0.32 |
| Nominal operating ampacity | A | 3 |
| Voltage | V/Ph/Hz | 230/1/50 |
| Electrical protection class according IEC | | IP54 |
| Controller | Type | CAREL easy PJS8 |
| Fuse | A | 4 |

| Dimensions and weights | Unit | Design data |
|--------------------------------|------|---|
| Height (H) | mm | 620 |
| Length (T) | mm | 600 |
| Width (B) | mm | 430 |
| Compressed air connection size | Inch | G1" female |
| Total weight | Kg | 43 |
| Drain connection size | Inch | G3/8" male with hose holder for tube Ø10-12mm |

Dimensional drawings

