ECOTROC® | KT-S series

Refrigerant Dryer KT-S400

Rev 01_0425

Technical data sheet

Reference conditions according to DIN/ISO 7183	Unit	Design data
Rated Air Flow max.	m³/h	400
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.	m³/h	400
Working Pressure max.	bar g	16
Dewpoint	°C	+ 3
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	R134a
Refrigerant Quantity	Kg	1,7
Number of Heat Exchangers	Pcs.	1
Heat Exchanger	Type	Brazed plate
Heat Rejection Capacity max. at 45°C	W	3811
Compressor	Type	hermetic
Condenser Air Flow	m³/h	1265
Working Pressure max.	bar g	16
Air Inlet Temperature max.	°C	+ 60
Condenser Fans	Pcs.	1
Fan Size	Ø mm	350
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	1,16
Nominal operating ampcity	A	7
Voltage	V/Ph/Hz	230 / 1 / 50
Electrical protection class according IEC		IP 54
Controller	Type	CAREL easy PJS8
Fuse	A	10

Dimensions and weights	Unit	Design data
Height (H)	mm	830
Length (T)	mm	855
Width (B)	mm	700
Compressed air connection size	Inch	G2 1/2“ female
Total weight	Kg	126
Drain connection size	Inch	G3/8“ male with hose holder for tube Ø10-12mm

Dimensional drawings