

## Refrigerant Dryer KT-S120

Rev 03\_1223

### Technical data sheet

Page 1 of 2

Reference conditions according to DIN/ISO 7183	Unit	Design data
Rated Air Flow max.	m <sup>3</sup> /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 <sup>3</sup> /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 <sup>3</sup> /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

## Refrigerant Dryer KT-S120

Rev 03\_1223

### Technical data sheet

Page 2 of 2

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	34
Drain connection size	Inch	G3/8" male with hose holder for tube Ø10-12mm

### Dimensional drawings

