



TECHNICAL DATA SHEET

ST 08V.0500BG.0

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DESICCANT DRYER

MODEL

HB 500

TYPE

HEATED-BLOWER REGENERATION

OPERATING DATA

APPLICATION FLUID		AIR
NOMINAL CAPACITY	l/min	8333
	m ³ /h	500
	cfm	294
NOMINAL CONDITIONS		
PRESSURE RATE	bar	7
INLET AIR TEMPERATURE RATE	°C	35
PRESSURE DEW POINT	°C	-40
RELATIVE HUMIDITY INLET AIR	%	100
PRESSURE DROP (excluding filters)	bar	0,2
TYPICAL DRYING CYCLE COMPLETE	h	8
TYPICAL DRYING TIME FOR ONE COLUMN	h	4
REGENERATION AIR CONSUMPTION (NOMINAL FLOW RATE)	%	0

OPERATING LIMITS

MINIMUM WORKING PRESSURE	bar	5,5
MAXIMUM WORKING PRESSURE	bar	10
MAXIMUM INLET AIR TEMPERATURE	°C	50
MINIMUM AMBIENT TEMPERATURE	°C	1
MAXIMUM AMBIENT TEMPERATURE	°C	50

GENERAL DATA

AIR CONNECTION	IN/OUT	1.1/2" BSP	ISO 7/1
POWER SUPPLY	V/Ph/Hz	400/3/50	
HEATER INSTALLED POWER	kW	6	
BLOWER INSTALLED POWER	kW	1,5	
DESICCANT MEDIUM	-40	Alumina	
ELECTRICAL PROTECTION		IP 54	
WEIGHT	kg	670	

DIMENSION

HEIGHT (A)	mm	1760
WIDTH (B)	mm	1350
DEPTH (C)	mm	930

