



# TECHNICAL DATA SHEET

ST 08V.1800BG.0

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## DESICCANT DRYER

**MODEL**

**HB 1800**

**TYPE**

**HEATED-BLOWER REGENERATION**

**OPERATING DATA**

APPLICATION FLUID		AIR
NOMINAL CAPACITY	l/min	30000
	m <sup>3</sup> /h	1800
<b>NOMINAL CONDITIONS</b>	cfm	1060
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	0,242
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	3" BSP	ISO 7/1
POWER SUPPLY	V/Ph/Hz	400/3/50	
HEATER INSTALLED POWER	kW	24	
BLOWER INSTALLED POWER	kW	4	
DESICCANT MEDIUM	-40	Alumina	
ELECTRICAL PROTECTION		IP 54	
WEIGHT	kg	1710	

**DIMENSION**

HEIGHT (A)	mm	2034
WIDTH (B)	mm	2083
DEPTH (C)	mm	1567

