



TECHNICAL DATA SHEET

ST 08V.1400BG.0

Rev. 01 Pag. 1/1

Date 24/04/2014

DESICCANT DRYER

MODEL

HB 1400

TYPE

HEATED-BLOWER REGENERATION

OPERATING DATA

APPLICATION FLUID		AIR
NOMINAL CAPACITY	l/min	23333
	m ³ /h	1400
NOMINAL CONDITIONS	cfm	824
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	3" BSP	ISO 7/1
POWER SUPPLY	V/Ph/Hz	400/3/50	
HEATER INSTALLED POWER	kW	18	
BLOWER INSTALLED POWER	kW	5,5	
DESICCANT MEDIUM	-40	Alumina	
ELECTRICAL PROTECTION		IP 54	
WEIGHT	kg	1451	

DIMENSION

HEIGHT (A)	mm	2234
WIDTH (B)	mm	1819
DEPTH (C)	mm	1485

