



TECHNICAL DATA SHEET

ST 08U.1000BG.0

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DESICCANT DRYER

**MODEL
TYPE**

**HL1000PRO-40C
HEATLESS REGENERATION**

OPERATING DATA

APPLICATION FLUID		AIR
NOMINAL CAPACITY	l/min	16667
	m³/h	1000
NOMINAL CONDITIONS	cfm	589
PRESSURE RATE	bar	7
INLET AIR TEMPERATURE RATE	°C	35
PRESSURE DEW POINT	°C	- 40
RELATIVE HUMIDITY INLET AIR	%	100
PRESSURE DROP	bar	0,2
TYPICAL DRYING CYCLE COMPLETE	min	10
TYPICAL DRYING TIME FOR ONE COLUMN	min	5
REGENATION AIR CONSUMPTION (NOMINAL FLOW RATE)	%	15

Without Energy Management System (EMS)

OPERATING LIMITS

MINIMUM WORKING PRESSURE	bar	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	2" BSP	ISO 7/1
POWER SUPPLY	V/Ph/Hz	230/1/50	
DESICCANT MEDIUM		Alumina	
ELECTRICAL PROTECTION		IP 54	
WEIGHT	kg	755	

DIMENSION

HEIGHT (A)	mm	2120
WIDTH (B)	mm	1440
DEPTH (C)	mm	993

