



# TECHNICAL DATA SHEET

ST 08U.1000BGA0

Rev. 00 Pag. 1/1

Date 25/02/2011

## DESICCANT DRYER

**MODEL  
TYPE**

**HL1000PRO-70C  
HEATLESS REGENERATION**

**OPERATING DATA**

APPLICATION FLUID		AIR
NOMINAL CAPACITY	l/min	13333
	m <sup>3</sup> /h	800
<b>NOMINAL CONDITIONS</b>	cfm	471
PRESSURE RATE	bar	7
INLET AIR TEMPERATURE RATE	°C	35
PRESSURE DEW POINT	°C	- 70
RELATIVE HUMIDITY INLET AIR	%	100
PRESSURE DROP	bar	0,128
TYPICAL DRYING CYCLE COMPLETE	min	5
TYPICAL DRYING TIME FOR ONE COLUMN	min	2,5
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 + Molecular Sieve	
ELECTRICAL PROTECTION		IP 54	
WEIGHT	kg	755	

**DIMENSION**

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

