



TECHNICAL DATA SHEET

ST 08U.0500BG.0

Rev. 00 Pag. 1/1

Date 25/02/2011

DESICCANT DRYER

**MODEL
TYPE**

**HL500PRO-40C
HEATLESS REGENERATION**

OPERATING DATA

APPLICATION FLUID		AIR
NOMINAL CAPACITY	l/min	8333
	m ³ /h	500
NOMINAL CONDITIONS	cfm	294
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
REGENERATION 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	419	

DIMENSION

HEIGHT (A)	mm	1750
WIDTH (B)	mm	1260
DEPTH (C)	mm	817

