



TECHNICAL DATA SHEET

DESICCANT DRYER

MODEL

HOC 850

TYPE

HEAT OF COMPRESSOR

OPERATING DATA

NOMINAL CAPACITY	l/min	14167
	m³/h	850
NOMINAL CONDITIONS	cfm	500,3
PRESSURE RATE	bar	7
INLET AIR TEMPERATURE RATE	°C	165
COOLING WATER TEMPERATURE	°C	30
PRESSURE DEW POINT	°C	- 40
AMBIENT DEWPOINT TEMPERATURE	°C	19,4
PRESSURE DROP	bar	0,400
TYPICAL DRYING CYCLE COMPLETE	h	6
TYPICAL DRYING TIME FOR ONE COLUMN	h	3

POWER CONSUMPTION

REGENERATION AIR CONSUMPTION

STANDARD MODEL

0,1

0% of nominal
flow rate

ADVANCED MODEL

6,1 (Max)

10% of inlet air flow
in case of
compressor load < 36%

OPERATING LIMITS

MINIMUM WORKING PRESSURE	bar	5
MAXIMUM WORKING PRESSURE	bar	10
MAXIMUM INLET AIR TEMPERATURE	°C	200
MINIMUM AMBIENT TEMPERATURE	°C	10
MAXIMUM AMBIENT TEMPERATURE	°C	45

GENERAL DATA

AIR CONNECTION	IN/OUT	2" BSP	ISO 7/1
POWER SUPPLY	V/Ph/Hz	400/3/50	
DESICCANT MEDIUM		Alumina	
ELECTRICAL PROTECTION		IP 54	
WEIGHT	kg	1640	

DIMENSION

HEIGHT (A)	mm	2337
WIDTH (B)	mm	2212
DEPTH (C)	mm	1931

