



CODE:	STANDARD	ADVANCED
	08Z.0420BG.0	08Z.0420BGD0
Rev. 00	Pag. 1/1	
Date	19/10/2012	

TECHNICAL DATA SHEET

DESICCANT DRYER

MODEL

HOC 420

TYPE

HEAT OF COMPRESSOR

OPERATING DATA

NOMINAL CAPACITY

l/min 7000

m³/h 420

NOMINAL CONDITIONS

cfm 247,2

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 0,3033693

TYPICAL DRYING CYCLE COMPLETE

h 6

TYPICAL DRYING TIME FOR ONE COLUMN

h 3

POWER CONSUMPTION

kW

STANDARD MODEL

0,1

ADVANCED MODEL

3,1 (Max)

REGENERATION AIR CONSUMPTION

0% of nominal
flow rate10% 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

1".1/2 BSP

ISO 7/1

POWER SUPPLY

V/Ph/Hz

400/3/50

DESICCANT MEDIUM

Alumina

ELECTRICAL PROTECTION

IP 54

WEIGHT

kg

920

DIMENSION

HEIGHT (A)

mm 1865

WIDTH (B)

mm 1474

DEPTH (C)

mm 1500

