



CODE:	STANDARD	ADVANCED
	08Z.3680BG.0	08Z.3680BGD0
Rev.	00	Pag. 1/1
Date	19/10/2012	

TECHNICAL DATA SHEET

DESICCANT DRYER

MODEL

HOC 3680

TYPE

HEAT OF COMPRESSOR

OPERATING DATA

NOMINAL CAPACITY

l/min

61333

m³/h

3680

NOMINAL CONDITIONS

cfm

2166,0

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

0,407

TYPICAL DRYING CYCLE COMPLETE

h

6

TYPICAL DRYING TIME FOR ONE COLUMN

h

3

POWER CONSUMPTION

kW

STANDARD MODEL

0,1

ADVANCED MODEL

30,1 (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

DN 150 BSP

ISO 7/1

POWER SUPPLY

V/Ph/Hz

400/3/50

DESICCANT MEDIUM

Alumina

ELECTRICAL PROTECTION

IP 54

WEIGHT

kg

4670

DIMENSION

HEIGHT (A)

mm

2455

WIDTH (B)

mm

3371

DEPTH (C)

mm

2562

