



TECHNICAL DATA SHEET

ST 08U.1600BG.0

Rev. 00 Pag. 1/1

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DESICCANT DRYER

MODEL

HL1600PRO-40C

TYPE

HEATLESS REGENERATION

OPERATING DATA

APPLICATION FLUID

AIR

NOMINAL CAPACITY

l/min

26667

m³/h

1600

NOMINAL CONDITIONS

cfm

942

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

%

15

Without Energy Management System (EMS)

(NOMINAL FLOW RATE)

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

3" BSP

ISO 7/1

POWER SUPPLY

V/Ph/Hz

230/1/50

DESICCANT MEDIUM

Alumina

ELECTRICAL PROTECTION

IP 54

WEIGHT

kg

1016

DIMENSION

HEIGHT (A)

mm

2260

WIDTH (B)

mm

1920

DEPTH (C)

mm

1229

