



# TECHNICAL DATA SHEET

ST 08U.0120CG.0.0.0000

Rev. 00 Pag. 1/1

Date 22/10/2013

## DESICCANT DRYER

### MODEL

**KDD 120**

### TYPE

**HEATLESS REGENERATION**

### OPERATING DATA

APPLICATION FLUID  
NOMINAL CAPACITY

l/min  
m<sup>3</sup>/h

AIR  
2000  
120

### NOMINAL CONDITIONS

PRESSURE RATE  
INLET AIR TEMPERATURE RATE  
PRESSURE DEW POINT  
TYPICAL DRYING CYCLE COMPLETE  
TYPICAL DRYING TIME FOR ONE COLUMN  
REGENERATION AIR CONSUMPTION  
(NOMINAL FLOW RATE)

cfm  
bar  
°C  
°C  
min  
min  
%

71  
7  
35  
-40  
10  
5  
10 - 15

-70 Optional  
Without Energy Management  
System (EMS)

### OPERATING LIMITS

MINIMUM WORKING PRESSURE  
MAXIMUM WORKING PRESSURE  
MINIMUM INLET AIR TEMPERATURE  
MAXIMUM INLET AIR TEMPERATURE  
MINIMUM AMBIENT TEMPERATURE  
MAXIMUM AMBIENT TEMPERATURE

bar  
bar  
°C  
°C  
°C  
°C

5  
10  
1  
40  
1  
40

### GENERAL DATA

AIR CONNECTION  
POWER SUPPLY  
DESICCANT MEDIUM  
ELECTRICAL PROTECTION  
WEIGHT

IN/OUT  
V/Ph/Hz

1" BSP  
230/1/50-60  
Alumina  
IP 54  
86

ISO 7/1

### DIMENSION

WIDTH (A)  
DEPTH (B)  
HEIGHT (C)  
IN HEIGHT (H1)  
OUT HEIGHT (H2)

mm  
mm  
mm  
mm  
mm

470  
455  
1860  
105  
1710

