



# TECHNICAL DATA SHEET

ST 08U.0080CG.0.0.0000

Rev. 00 Pag. 1/1

Date 22/10/2013

## DESICCANT DRYER

### MODEL

**KDD 80**

### TYPE

**HEATLESS REGENERATION**

### OPERATING DATA

APPLICATION FLUID  
NOMINAL CAPACITY

l/min 1333  
m<sup>3</sup>/h 80

AIR

### 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 47  
bar 7  
°C 35  
°C -40  
min 10  
min 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 5  
bar 10  
°C 1  
°C 40  
°C 1  
°C 40

### GENERAL DATA

AIR CONNECTION  
POWER SUPPLY  
DESICCANT MEDIUM  
ELECTRICAL PROTECTION  
WEIGHT

IN/OUT 1/2" BSP ISO 7/1  
V/Ph/Hz 230/1/50-60  
Alumina  
IP 54  
kg 58

### DIMENSION

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

mm 470  
mm 405  
mm 1280  
mm 105  
mm 1130

