



TECHNICAL DATA SHEET

ST 08U.0160BG.0

Rev. 00 Pag. 1/1

Date 24/02/2011

DESICCANT DRYER

**MODEL
TYPE**

**HL160PRO-40C
HEATLESS REGENERATION**

OPERATING DATA

APPLICATION FLUID AIR
 NOMINAL CAPACITY l/min 2667
m³/h 160

NOMINAL CONDITIONS

PRESSURE RATE cfm 94
 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)

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 1" BSP ISO 7/1
 POWER SUPPLY V/Ph/Hz 230/1/50
 DESICCANT MEDIUM Alumina
 ELECTRICAL PROTECTION IP 54
 WEIGHT kg 241

DIMENSION

HEIGHT (A) mm 1679
 WIDTH (B) mm 1130
 DEPTH (C) mm 817

