

DL4500G

Standard air dehumidifier



High performance desiccant rotor

Configurable access easement

Easy maintenance

High efficiency fans with EC motor

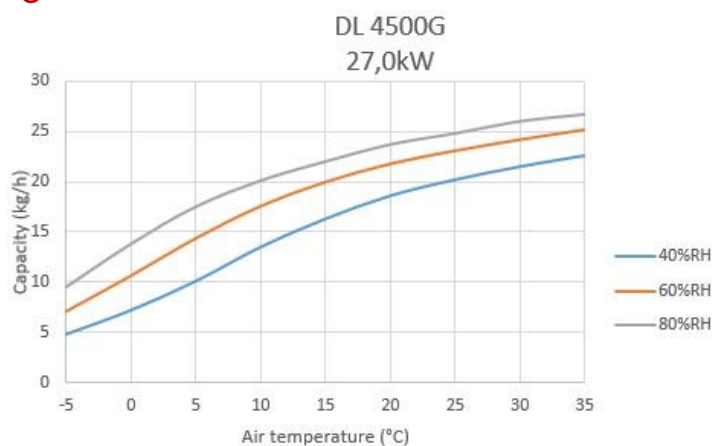
Adjustable airflows with potentiometer



DL4500G technical specifications

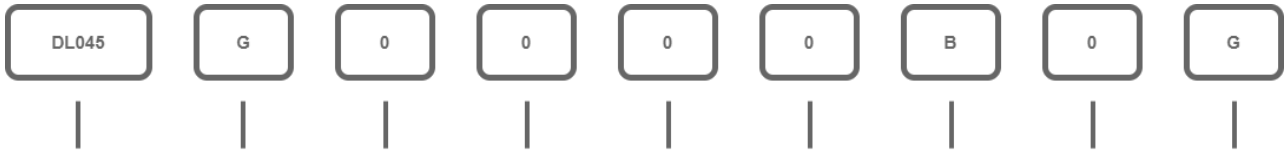
Nominal air flow :	4500 m³/h
Available pressure : 350Pa	
Dehumidification capacity (20°C and 60% RH) :	21,8 kg/h
Dry air flow range :	from 2800 to 5250 m³/h
Wet air flow :	900 m³/h
Available pressure : 220Pa	
Reactivation electrical power :	27,0 kW
Electrical power :	29,5 kW

Capacity diagram



Example :
T_{AT} = Process air temperature
T_{AS} = Dry air temperature
DL4500G: [T_{AS} = T_{AT} × 1,19 + 8,9] ± 2°C

References



Range & process air flow
 DL : Product type + Flow P x 100
 045 : 4500 m3/h

Reactivation power
 G : 27kW

Components configuration
 0 : With filters
 1 : Without process filter
 2 : Without reactivation filter
 3 : Without process & reactivation filter
 5 : Without process air fan
 6 : Without process air fan and filter
 7 : Without process air fan and react filter
 8 : Without process air fan and filters

Mecanical configuration
 0 : Connect PA & DA
 1 : Connect PA
 2 : Connect DA
 5 : Frame & connect PA & DA

Electrical configuration
 0 : Without
 1 : With HM
 2 : Regul with int
 3 : Regul without int
 5 : With TL WA
 6 : With HM & TL WA
 7 : Regul with int and TL WA
 8 : Regul without int and TL WA

Power supply mode
 B : 3P + N + T
 C : 3P + T

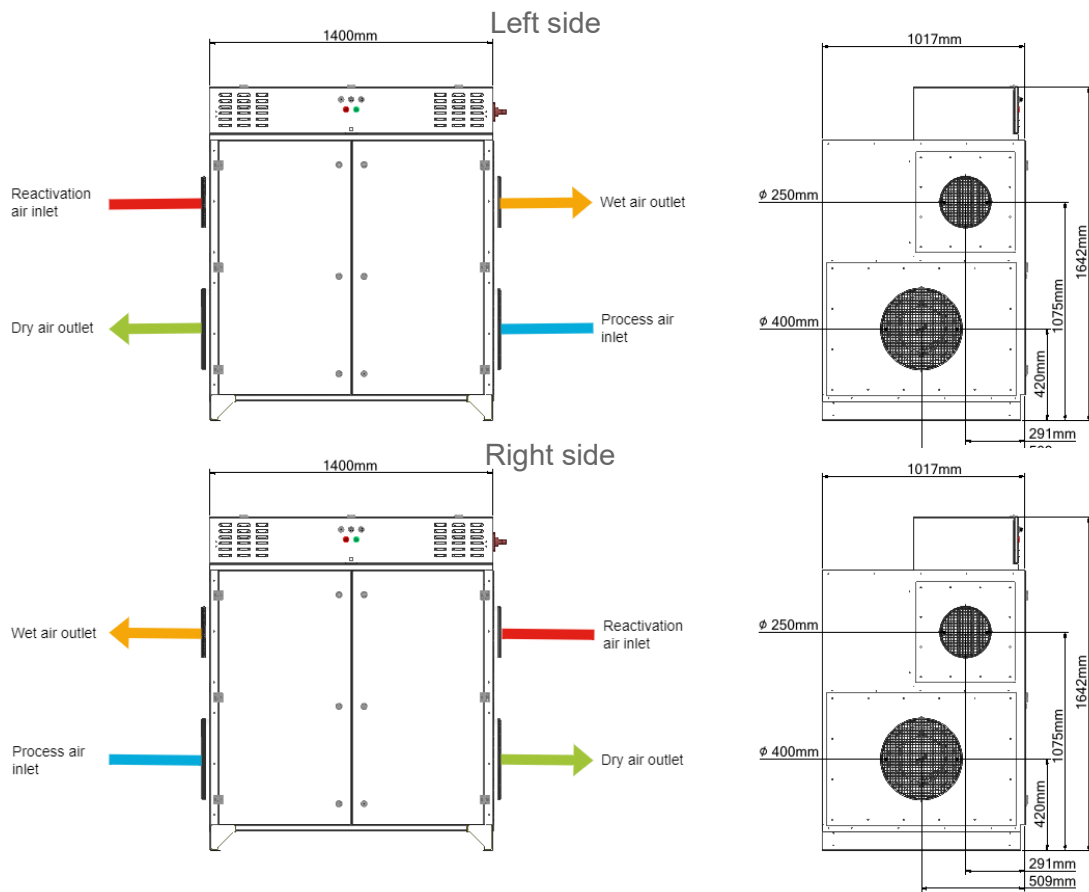
Reactivation utility
 0 : Electricity

Servitude
 G : Gauche
 D : Droite

AF : Air fan
 HM : Hour meter
 PA : Inlet air process
 RA : Inlet reactivation air
 DA : Oullet dry air
 TL WA : Temperature limiter on wet air
 int : interface

*It is normal to find a reference without filter in the case of filters boxes, because they are integrated in the box.

Dimensions



DL-03/23

This document is subject to change without notice.

Parc d'activités de Fétan - 605 allée Filiéristes - 01600 TREVOUX - France
 Tél. : +33 (0)4 74 08 44 44 - contact@dessica.fr
www.dessica.fr