



application worksheet



for D^{1|2|3} and D⁴ and D⁵ desiccant air dryers

By completing the following information, nano can properly evaluate the specifics of your desiccant drying application and help determine the best possible solution. Complete and email to support@n-psi.com or fax to 704.897.2183.

contact information

name phone
company email
address
city state zip
requested date required date delivery date

dryer type

D1/2/3 heatless modular D4 high pressure compact twin tower
D4 high pressure welded twin tower D5 traditional heatless twin tower
D5 traditional externally heated twin tower D5 traditional blower purge twin tower

sizing specifications

inlet air flow (scfm) inlet air temp (°F)
inlet air pressure (psig) ambient temp (°F)
air pressure (min/max) ambient temp (min/max)
required dew point (°F) electrical (v/ph/hz)

dryer options + upgrade

D1/2/3 modular

energy savings (ES)
pneumatically operated (PO)
low dew point requirement (-94°F PDP) (LDP)
additional pre or after filters

D4 high pressure dryer

energy savings (ES)
low dew point requirement (-67°F PDP) (LDP)
additional pre or after filters

D5 twin tower

low dew point requirement (-94°F PDP) (LDP)
three (3) valve block & bypass (3V)
NEMA 4 electrical protection (N4)
NEMA 4x electrical protection (N4X)
NEMA 7 electrical protection (N7)
Z-purge electrical protection (ZP)
low ambient (-32°F) temperature protection (LA)
stainless steel control line (SS)
visual moisture indicator (MI)
failure to shift alarm (FS)
additional pressure gauges (PG)
additional temperature gauges (TG)
CRN/CSA approval for Canadian applications (CSA)

other notes

dimensional limitations (l x w x h) (ins)
dryer application (ie where/how used)