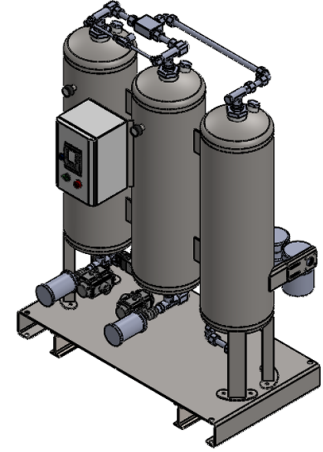
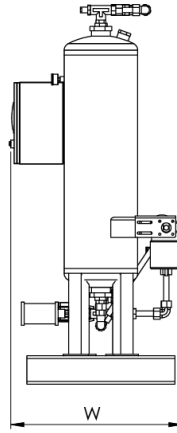
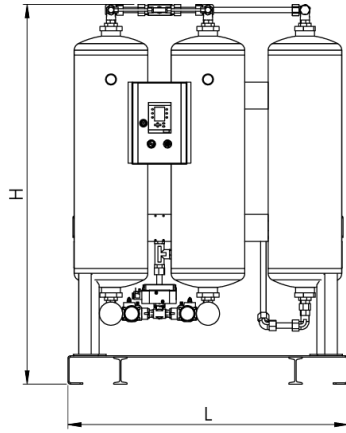




## NITROXTEC High-Pressure Oil-Less Desiccant Dryer



### NDD+CT-0.8/50BAR

|                                                          |                                                                               |
|----------------------------------------------------------|-------------------------------------------------------------------------------|
| m <sup>3</sup> / minute                                  | 0,8                                                                           |
| m <sup>3</sup> / hour                                    | 48                                                                            |
| Operating pressure [bar] (g)                             | 40                                                                            |
| Inlet - Outlet                                           | DN15/BSP 1/2" Female - DN15/BSP 1/2" Female                                   |
| Purge air loss                                           | 5%                                                                            |
| Dimensions L x W x H [mm]                                | 745 x 460 x 1075                                                              |
| Shipping dimensions L x W x H [mm]                       | 795 x 510 x 1235                                                              |
| Maintenance area L x W x H [mm]                          | 1245 x 960 x 1575                                                             |
| Raw Material                                             | Activated Carbon & Activated Alumina                                          |
| Raw Material Weight [kg]                                 | A. C. 6.5 - A. A. 13                                                          |
| Net Weight [kg]                                          | 87                                                                            |
| Gross Weight [kg]                                        | 98                                                                            |
| Power                                                    | 110-240V AC 50/60 Hz 50 W                                                     |
| Pre-filter - Post-filter [µm]                            | 0,1 - 0,01                                                                    |
| Operating temperature                                    | 5-45°C                                                                        |
| Minimum inlet pressure                                   | 4,5 bar (g)                                                                   |
| Maximum inlet pressure                                   | 50 bar (g)                                                                    |
| Dew point                                                | -40°C                                                                         |
| Residual oil vapour content nominal (mg/m <sup>3</sup> ) | < 0.003                                                                       |
| Air quality ISO Specification                            | ISO 8573-1:2010 [Class 1 : Class 2 : Class 1]<br>(Particles : Humidity : Oil) |

#### Compressed Air Inlet Temperature (Ti)

| Temp (°C) | 25,00 | 30,00 | 35,00 | 40,00 | 45,00 | 50,00 |
|-----------|-------|-------|-------|-------|-------|-------|
| Ki        | 1,00  | 1,00  | 1,00  | 0,96  | 0,90  | 0,83  |

#### Deviating working pressure P at the dryer inlet

| P bar(g) | 20,00 | 25,00 | 30,00 | 35,00 | 40,00 | 50,00 |
|----------|-------|-------|-------|-------|-------|-------|
| Kp       | 0,50  | 0,63  | 0,75  | 0,88  | 1,00  | 1,25  |