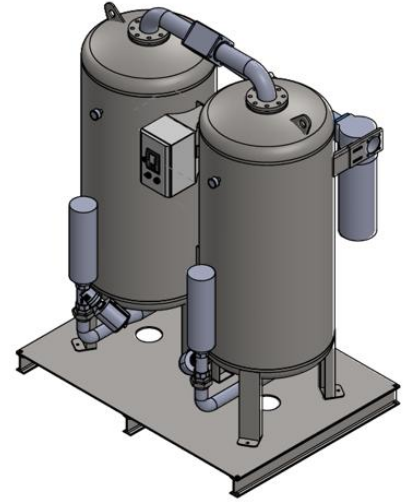
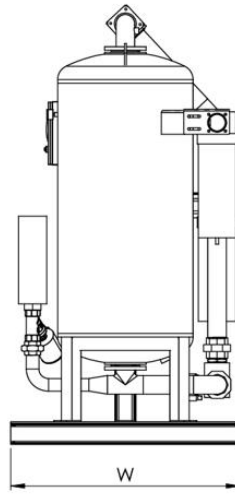
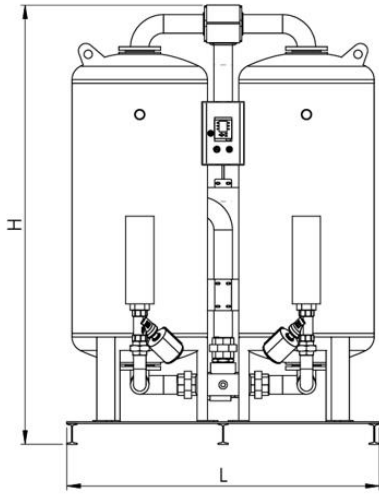




# Nitroxtec Desiccant Dryer



## NDD-83

|                                    |                                                               |
|------------------------------------|---------------------------------------------------------------|
| m <sup>3</sup> / minute            | 83,33                                                         |
| m <sup>3</sup> / hour              | 5000                                                          |
| Operating pressure [bar] (g)       | 10                                                            |
| Inlet - Outlet                     | DN150/BSP 6" Female - DN150/BSP 6" Female                     |
| Purge air loss                     | 15%                                                           |
| Dimensions L x W x H [mm]          | 1750 × 1300 × 2500                                            |
| Shipping dimensions L x W x H [mm] | 1800 × 1350 × 2620                                            |
| Maintenance area L x W x H [mm]    | 2250 × 1800 × 3000                                            |
| Raw Material                       | Activated Alumina                                             |
| Raw Material Weight [kg]           | 1402                                                          |
| Net Weight [kg]                    | 3150                                                          |
| Gross Weight [kg]                  | 3190                                                          |
| 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             | 10 bar (g)                                                    |
| Dew point                          | -40°C                                                         |
| Air quality ISO Specification      | ISO 8573-1:2010 [Class 1 : Class 2]<br>(Particles : Humidity) |

| 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)                                        | 5,00 | 6,00 | 7,00 | 8,00 | 9,00 | 10,00 | 11,00 | 12,00 | 13,00 | 14,00 | 15,00 |
| Kp                                              | 0,75 | 0,88 | 1,00 | 1,06 | 1,12 | 1,17  | 1,22  | 1,27  | 1,32  | 1,37  | 1,41  |