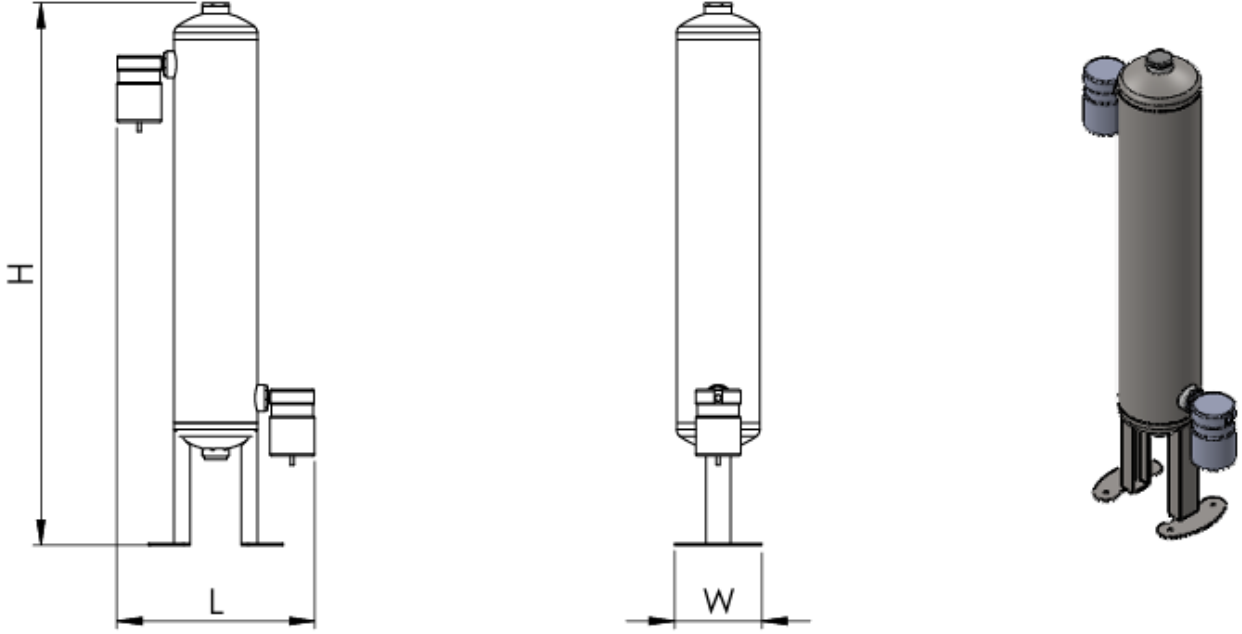




## Nitroxtec High-Pressure Activated Carbon Tower Fitrer



### NCT-7.3/50BAR

|                                             |                                                          |
|---------------------------------------------|----------------------------------------------------------|
| m <sup>3</sup> / minute                     | 7,33                                                     |
| m <sup>3</sup> / hour                       | 440                                                      |
| Operating pressure [bar] (g)                | 40                                                       |
| Inlet - Outlet                              | DN25/BSP 1" Female - DN25/BSP 1" Female                  |
| Dimensions L x W x H [mm]                   | 460 × 250 × 1080                                         |
| Shipping dimensions L x W x H [mm]          | 510 × 1300 × 370                                         |
| Maintenance area L x W x H [mm]             | 960 × 750 × 1580                                         |
| Residual oil vapour content nominal (mg/m3) | < 0.003                                                  |
| Raw Material                                | Activated Carbon                                         |
| Raw Material Weight [kg]                    | 21,1                                                     |
| Net Weight [kg]                             | 81                                                       |
| Gross Weight [kg]                           | 101                                                      |
| 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 max                               | +3°C                                                     |
| Air quality ISO Specification               | ISO 8573-1:2010 [Class 1 : Class 1]<br>(Particles : 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  |