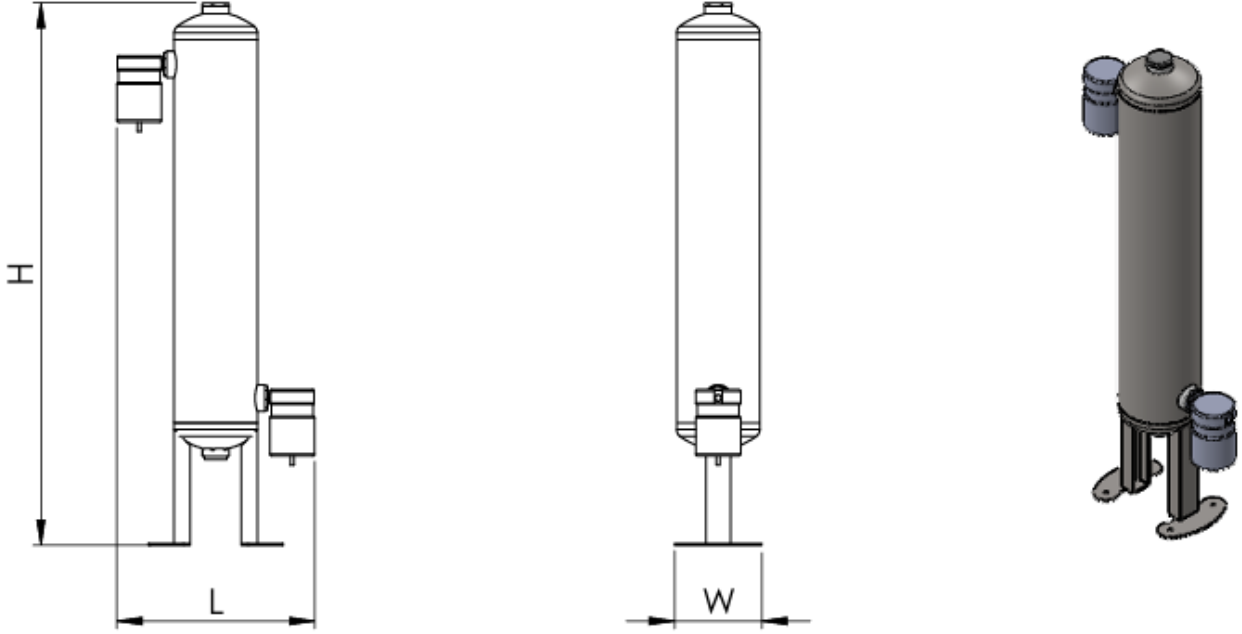




## Nitroxtec High-Pressure Activated Carbon Tower Fitrer



### NCT-30/50BAR

|                                                          |                                                          |
|----------------------------------------------------------|----------------------------------------------------------|
| m <sup>3</sup> / minute                                  | 30,00                                                    |
| m <sup>3</sup> / hour                                    | 1800                                                     |
| Operating pressure [bar] (g)                             | 40                                                       |
| Inlet - Outlet                                           | DN40/BSP 1 1/2" Female - DN40/BSP 1 1/2" Female          |
| Dimensions L x W x H [mm]                                | 650 × 350 × 1790                                         |
| Shipping dimensions L x W x H [mm]                       | 700 × 470 × 1910                                         |
| Maintenance area L x W x H [mm]                          | 1150 × 850 × 2290                                        |
| Residual oil vapour content nominal (mg/m <sup>3</sup> ) | < 0.003                                                  |
| Raw Material                                             | Activated Carbon                                         |
| Raw Material Weight [kg]                                 | 85,1                                                     |
| Net Weight [kg]                                          | 260                                                      |
| Gross Weight [kg]                                        | 300                                                      |
| 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  |

### NİTROXTEC ENDÜSTRİYEL MAKİNA

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