

# ETC-SV04

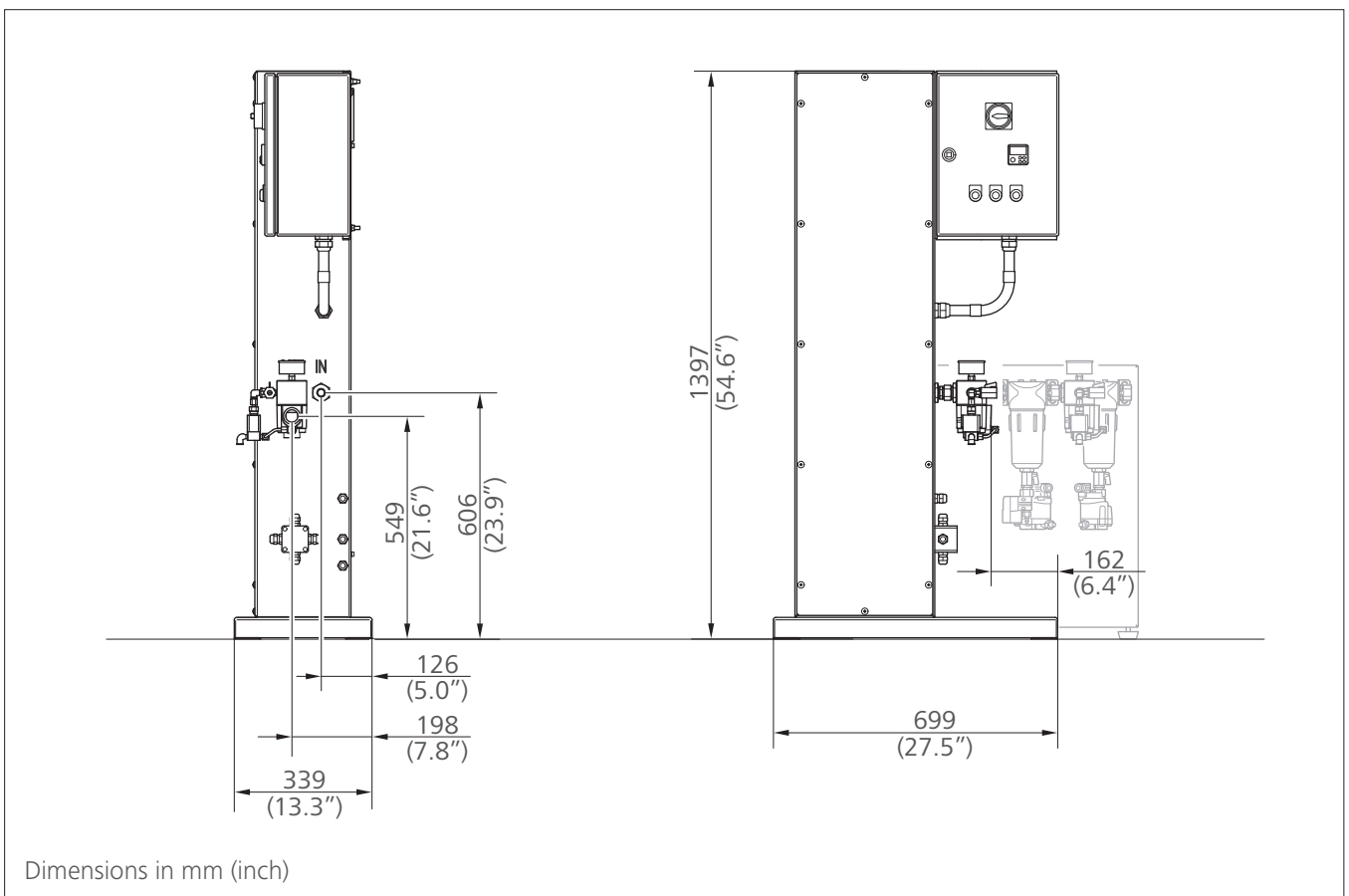
## Catalytic air treatment



### TECHNICAL SPECIFICATION

|   |  |          |
|---|--|----------|
| › Flow rate at 7 barg / 100 psig              | 0.4 Nm <sup>3</sup> /min               | 14 scfm  |
| › Max. pressure                               | 16 barg                                | 232 psig |
| › Air quality for oil according to ISO 8573-1 | class 0 (< 0.0025 mg/Nm <sup>3</sup> ) |          |
| › Weight approx.                              | 60 kg                                  | 130 lbs  |
| › Power supply                                | 230 VAC, 1 ph, 50 Hz                   |          |
| › Installed power                             | 1 kW                                   |          |
| › power consumption                           | 0.009 kWh/Nm <sup>3</sup>              |          |

### ››› Dimensions



Without separator, VS-modul and particle filter.  
For detailed layout, please ask for the installation drawing/3d model.



## »»» Design data

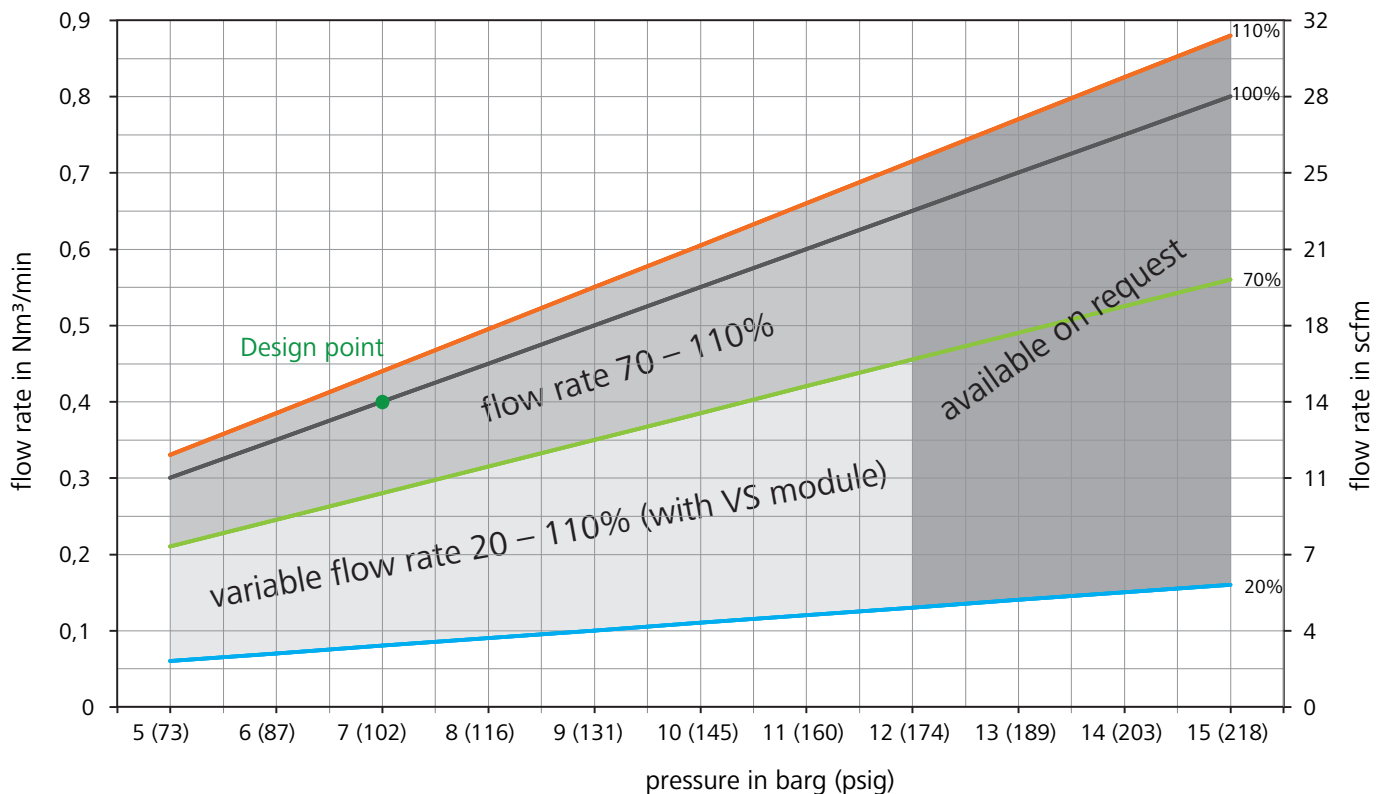
Permissible deviations from the design data for guaranteed oil-free air class 0 according to DIN ISO 8573-1

|                     | Operating pressure |        | Nominal flow rate*<br>100% |        | Flow rate range <b>without</b><br>VS module* 70% – 110% |         | Flow rate range <b>with</b><br>VS module* 20% – 110% |        |
|---------------------|--------------------|--------|----------------------------|--------|---|---------|--|--------|
|                     | [barg]             | [psig] | [Nm <sup>3</sup> /min]     | [scfm] | [Nm <sup>3</sup> /min]                                  | [scfm]  | [Nm <sup>3</sup> /min]                               | [scfm] |
|                     | 5                  | 72.5   | 0.30                       | 11     | 0.21 - 0.33   | 7 - 12  | 0.06 - 0.33  | 2 - 12 |
|                     | 6                  | 87.0   | 0.35                       | 12     | 0.25 - 0.39   | 9 - 14  | 0.07 - 0.39  | 2 - 14 |
| <b>Design point</b> | 7                  | 101.5  | 0.40                       | 14     | 0.28 - 0.44   | 10 - 16 | 0.08 - 0.44  | 3 - 16 |
|                     | 8                  | 116.0  | 0.45                       | 16     | 0.32 - 0.50   | 11 - 17 | 0.09 - 0.50  | 3 - 17 |
|                     | 9                  | 130.5  | 0.50                       | 18     | 0.35 - 0.55   | 12 - 19 | 0.10 - 0.55  | 4 - 19 |
|                     | 10                 | 145.0  | 0.55                       | 19     | 0.39 - 0.61   | 14 - 21 | 0.11 - 0.61  | 4 - 21 |
|                     | 11                 | 159.5  | 0.60                       | 21     | 0.42 - 0.66   | 15 - 23 | 0.12 - 0.66  | 4 - 23 |
|                     | 12                 | 174.0  | 0.65                       | 23     | 0.46 - 0.72   | 16 - 25 | 0.13 - 0.72  | 5 - 25 |

\* Normal flow rate according to DIN ISO 13431

Pressures greater than 12 barg are available on request

## »»» Design chart



Technical modifications and errors excepted!  
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