

## Technical Data Sheet

| Item Description |            |
|------------------|------------|
| Edmac reference  | 3003199725 |

| Technical Specifications                   |                                                       |
|--------------------------------------------|-------------------------------------------------------|
| Element Model                              | 40                                                    |
| Diameter                                   | 82,5 mm                                               |
| Height                                     | 518 mm                                                |
| Flow Capacity [Nm <sup>3</sup> /h]         | 825                                                   |
| Flow Capacity [scfm]                       | 485                                                   |
| Fits into filter housing                   | 40                                                    |
| Operating Temperature                      | 1,5 - 65 °C/ 35 – 149 °F                              |
| Operating Pressure                         | 0 - 16 barg/ 0 - 232 psi                              |
| Differential Pressure (dry)                | 80 mbar / 1,160 psi                                   |
| Differential Pressure (wet)                | 190 mbar / 2,756 psi                                  |
| Particle Retention (nominal)               | 99,9999% (0,01µm)                                     |
| Particle Retention rate ISO <sup>(1)</sup> | 99,994%                                               |
| Residual oil content <sup>(4)</sup>        | < 0,01mg/m <sup>3</sup>                               |
| Flow Direction                             | INSIDE to OUTSIDE                                     |
| Capacity (ISO12500-2) <sup>(5)</sup>       |                                                       |
| Recommended Replacement Interval           | Once per year/<br>When pressure drop reaches 350 mbar |

<sup>(1)</sup> Tested according to ISO12500-3, 1bar(a), nominal flow, 06050 P, MPPS-(5µm) ; 06050 M, S, MPPS-(0,3µm)

<sup>(4)</sup> Tested according to ISO12500-1, 06050 M, S Oil aerosol viscosity 32mm<sup>2</sup>/s, inlet concentration 10mg/m<sup>3</sup>

<sup>(5)</sup> Tested according to ISO12500-2, 06050 A, tested with n-Hexane, test concentration 100mg/kg, 80% Saturation

<sup>(6)</sup> Cross reference Omega Air – Hankison filtration grades: S=E3/S

| Materials             |                              |
|-----------------------|------------------------------|
| Filter Media          | Borosilicate micro fibers    |
| Protection media      | Polyester fleece             |
| Drainage media        | Polyester based polyurethane |
| Absorption media      | Activated carbon granulate   |
| Support (inner-outer) | Stainless steel 1.4301       |
| Bonding               | Polyurethane                 |
| End Cap Material      | Aluminium                    |
| Sealing               | NBR                          |

If you require any further information, please contact your Edmac salesperson or [sales.edmac@edmac.eu](mailto:sales.edmac@edmac.eu) .