

Technical Specifications

| Description | Data |
|--|---|
| PURGIT C2 – RVRS – Condenser + Dual Carbon Scrubber | |
| Unit size (LxWxH) Condenser | 6.180 mm x 2.200 mm x 3.350 mm |
| Unit size (LxWxH) Dual Carbon scrubber | 1.700 mm x 1.700 mm x 2.250 mm (2x) |
| Total Unit foot print (LxW) | 10.000 mm x 6.000 mm |
| Unit weight (empty) | 4.700 kg. + (2x) 3.800 kg. |
| Working capacity | Up to 1.200 m ³ /hour |
| Inlet working medium | Liquid Nitrogen |
| Inlet working pressure | 7 – 10 Bar |
| Inlet temperature | -190°C. |
| Working temperature | Down to -120°C. @ 6-7 bar |
| Liquid Nitrogen consumption | Ca. 1.000 liter per 1.200 m ³ vapour processed |
| Compressed air consumption | 5 m ³ /min @ 8 bar |
| Vapour range | Hydrocarbon and Chemicals |
| Vapour pressure range | 0 -1.000 mBar |
| Vapours excluded | Vapours reacting with carbon steel, steel and stainless steel |
| Total VOC reduction. | Up to 99,9% |
| Vapour and nitrogen inlet | 6" DIN and 1½" NPT |
| VOC emission limit | < 50 mg/m ³ TOC - < 5 mg/m ³ Benzene |
| Safety certificates/Approvals | TCEQ, USA – US Coast Guard |
| Power supply (possible) | <ul style="list-style-type: none"> • Thermal 72 HP, 1.800 RPM Diesel engine ,Ex, zone 2 • Electrical 460V-3phase-50Amp (Condenser) 460V-3phase-80Amp (Condenser& AC scrubber) |
| Safety equipment | Standard |
| Foundation | Paved or Concrete surface (Customer) |