The Donaldson Dual T.R.A.P. Breather Assembly, with the huge dirt holding capacity of its twin elements, provides protection against contamination and moisture entering storage tanks. It allows very high flow rates of fluids into, and out of, storage tanks with minimal restriction to air flow while providing protection against particulate contamination with its 3µm@97% efficient particle filters.

The Dual T.R.A.P. Breather Assembly is fitted with a premium quality relief valve protecting the tank against excess vacuum and pressure forces, to enable compliance with API2000.

To allow accurate measurement of the level of air flow restriction during normal operational fluid dispensing conditions, and indicate the condition of the breather cartridges, a high quality vacuum gauge utilising Magnahelix technology has been incorporated.

The Donaldson Dual T.R.A.P. Breather Assembly is recommended for tank applications with a normal fluid dispense rate of up to 1,000 lpm.

The high capacity vacuum and pressure relief valve, with a corrosion resistant, one piece cast aluminium body, uses standard set points of 3.1” H₂O Vacuum and 6.7” H₂O Pressure, to suit most tank requirements. Other set points are available to suit your specific application on request. The pressure vacuum relief valve caters for flow rates far in excess of the normal operation range of the TRAP assembly.

Confirm your tanks safe pressure and vacuum ratings to ensure API2000 compliance.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>P506063</td>
<td>Recommended flow rate: 1,000 lpm&lt;br&gt;Connection: 2” BSPT Socket&lt;br&gt;Indicator port: 1/8” NPT&lt;br&gt;1 x Dual TRAP manifold&lt;br&gt;VCI PV valve&lt;br&gt;ANSI Flange assembly&lt;br&gt;12450-400 Magnahelix gauge&lt;br&gt;5mm id PVC tubing required&lt;br&gt;Standard PV settings: 3.1” H₂O Vacuum, 6.7” H₂O Pressure</td>
<td>Complete Assembly&lt;br&gt;Height: 565mm&lt;br&gt;Width: 360mm&lt;br&gt;Depth: 445mm</td>
<td>Weight: 36kgs</td>
</tr>
</tbody>
</table>

Filters Supplied with the Unit

| P923075 | <3µm@97% | 2 |
High capacity vacuum and pressure relief valve
- Meets API2000 requirement
- Protects the tank against excess vacuum and pressure forces
- Premium quality
- Corrosion resistant

Magnahelix gauge
- High quality vacuum gauge
- High accuracy
- Filter monitoring
- Mounting bracket
- Remote mount

**VCI Pressure**
FLOW RATE - LITRES PER MINUTE

FLOW RATE - GALLONS PER MINUTE

**VCI Vacuum**
FLOW RATE - LITRES PER MINUTE

FLOW RATE - GALLONS PER MINUTE

**P506063 Dual T.R.A.P Breather**
FLOW RATE - LITRES PER MINUTE

FLOW RATE - GALLONS PER MINUTE