FC SUCTION FILTRES WITH PAPER CARTRIDGE

These filters have been designed to allow vacuum pumps to operate even in very dusty environments. Installed onto the pump suction inlet, they are able to retain fine and impalpable dust interfering with the capacity in a negligible manner.

The filtering cartridge is made with a special treated paper with a filtering degree equal to 5 ÷ 7 μ, which is pleated to increase its surface and is contained in a double perforated sheet steel enclosure. The filtering cartridge container, as well as the lid, is made with sheet steel and varnished with a special anti-oxidation paint.

A seal located between the lid and the container guarantees a perfect vacuum seal between the two elements. The release clamps applied onto the container allow a quick opening of the lid for the filtering cartridge inspection or replacement.

Due to their paper filtering element, these filters are not recommended in case of water or oil vapours and condensation.

Technical features
Working pressure: from 0.5 to 2000 mbar abs.
Fluid temperature: from -20 to +60 °C
Filtering degree: 5 ÷ 7 μ

<table>
<thead>
<tr>
<th>Art.</th>
<th>d</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>Max capacity</th>
<th>Spare cartridge art.</th>
<th>Spare sealing kit art.</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC 10</td>
<td>G3/8&quot;</td>
<td>79</td>
<td>70</td>
<td>9</td>
<td>72</td>
<td>49</td>
<td>37</td>
<td>15</td>
<td>00 FC 04</td>
<td>00 KIT FC 10</td>
<td>352</td>
</tr>
<tr>
<td>FC 20</td>
<td>G1/2&quot;</td>
<td>93</td>
<td>80</td>
<td>13</td>
<td>96</td>
<td>67</td>
<td>51</td>
<td>30</td>
<td>00 FC 08</td>
<td>00 KIT FC 20</td>
<td>774</td>
</tr>
<tr>
<td>FC 25</td>
<td>G3/4&quot;</td>
<td>93</td>
<td>80</td>
<td>13</td>
<td>96</td>
<td>67</td>
<td>51</td>
<td>50</td>
<td>00 FC 08</td>
<td>00 KIT FC 25</td>
<td>734</td>
</tr>
</tbody>
</table>

Conversion ratio: inch $\times\frac{254}{12}$ = mm, pounds $\times\frac{0.4536}{453.6}$ = Kg
5.13

FC SUCTION FILTERS WITH PAPER CARTRIDGE

GAS-NPT thread adapters available at page 1.117

Filtering cartridge

Seal

Conversion ratio: inch = mm; pounds = g; Kg

FC 30
G1” 105 92 13 84 41 64 90 00 FC 15 00 KIT FC 30 1.17
FC 35
G1” 1/4 97 84 13 78 46 51 100 00 FC 15 00 KIT FC 35 1.02
FC 38
G1” 1/2 101 88 13 80 45 56 200 00 FC 15 00 KIT FC 38 0.95
FC 55
G2” 170 157 13 81 79 91 300 00 FC 33 00 KIT FC 55 1.29

Seal

Conversion ratio: inch = mm; pounds = g; Kg

3D drawings available at www.vuototecnica.net
# FC SUCTION FILTRES WITH PAPER CARTRIDGE

3D drawings available at [www.vuototecnica.net](http://www.vuototecnica.net)

5.14

## Conversion ratio

- inch = \( \frac{mm}{25.4} \)
- pounds = \( g \times 0.4536 \)

GAS-NPT thread adapters available at page 1.117

<table>
<thead>
<tr>
<th>Art.</th>
<th>d</th>
<th>A</th>
<th>B</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>Max capacity</th>
<th>Spare cartridge</th>
<th>Spare sealing</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC 40</td>
<td>G1 1/4</td>
<td>161</td>
<td>125</td>
<td>162</td>
<td>102</td>
<td>77</td>
<td>84</td>
<td>150 cum/h</td>
<td>00 FC 22</td>
<td>00 KIT FC 40</td>
<td>1.83 Kg</td>
</tr>
<tr>
<td>FC 50</td>
<td>G1 1/2</td>
<td>197</td>
<td>161</td>
<td>160</td>
<td>100</td>
<td>85</td>
<td>112</td>
<td>200 cum/h</td>
<td>00 FC 24</td>
<td>00 KIT FC 50</td>
<td>2.11 Kg</td>
</tr>
</tbody>
</table>
### FC SUCTION FILTRATION WITH PAPER CARTRIDGE

**Art.** | A | B | C | D | E | F | G | Max capacity (cum/h) | Spare cartridge art. | Spare sealing kit art. | Weight (Kg) | Conversion ratio: inch = mm / 25.4, pounds = g / 453.6

<table>
<thead>
<tr>
<th>Art.</th>
<th>d</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>Max capacity</th>
<th>Spare cartridge art.</th>
<th>Spare sealing kit art.</th>
<th>Weight (Kg)</th>
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</thead>
<tbody>
<tr>
<td>FC 60</td>
<td>G2&quot;</td>
<td>258</td>
<td>235</td>
<td>23</td>
<td>185</td>
<td>115</td>
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<td>132</td>
<td>300</td>
<td>00 FC 29</td>
<td>00 KIT FC 60</td>
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<tr>
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<td>185</td>
<td>125</td>
<td>126</td>
<td>144</td>
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<td>00 FC 29</td>
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<td>311</td>
<td>25</td>
<td>295</td>
<td>166</td>
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<td>202</td>
<td>540</td>
<td>00 FC 34</td>
<td>00 KIT FC 100</td>
<td>5.56</td>
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</tbody>
</table>

GAS-NPT thread adapters available at page 1.117.