

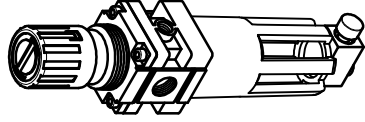
# AIR FILTER + REGULATOR + COMBINATION UNIT



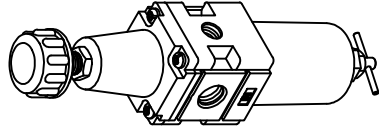
## Series KFR



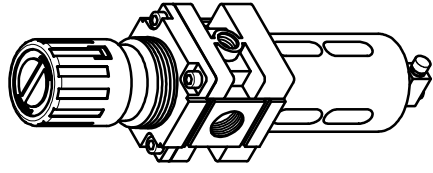
FRC 2012 (ECO)



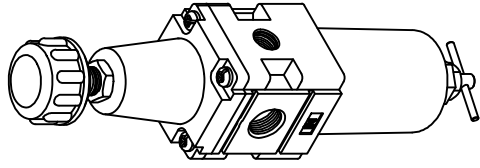
FRC 2014



FRC 2014-M



FRC 2016



FRC 2016-M

| PARAMETERS  | SPECIFICATIONS  |
|---|---|
| Pipe Threads  | 1/4, 3/8, 1/2 (F) BSP<br>- Standard<br>- Optional   |
| Body Material   | NPT<br>- Optional   |
| Filter Element Size   | Aluminium Alloy die-cast  |
| Filter Element Material   | 1, 5, 25, 40 Micron<br>Sintered Bronze<br>- Standard<br>- Optional  |
| Filter Bowl Material  | Plastic (Polypropylene)<br>Transparent Polycarbonate with Metal Guard<br>- Standard<br>- Optional   |
| Maximum Inlet Pressure  | Aluminium Alloy Metal<br>with PC Bowl : 10.3 bar (150 psig)<br>With Metal Bowl : 17.2 bar (250 psig)<br>With PC Bowl : 50° C<br>With Metal Bowl : 80° C           |
| Maximum Operating Temperature (ambient)                                   | With Metal Bowl : 80° C   |
| Standard Nominal Flow Rate at 10 bar                                      | Re 1/4 : 69 scfm (33dm <sup>3</sup> /sec) CV(1.30)  |
| Inlet pressure 6 bar set pressure & a drop of 1 bar from set              | Re 3/8 : 92 scfm (44dm <sup>3</sup> /sec) CV(1.73)<br>Re 1/2 : 232 scfm (110dm <sup>3</sup> /sec) CV(2.37)  |
| Drain   | Manual<br>- Standard<br>Automatic<br>- Optional   |
| Regulator Type  | Relieving<br>- Standard<br>Non-Relieving<br>- Optional  |
| Pressure Adjustment   | Rising plastic knob / T' Handle   |
| Regulated Secondary outlet pressure (spring range) & recommended Pressure | Spring Range<br>Guage Range   |
| Guage ranges available (in bar).  | 1 : 0.20 to 2.10<br>0 to 2.5<br>2 : 0.35 to 3.50<br>0 to 4.0<br>3 : 0.70 to 7.00<br>0 to 10.0<br>4 : 1.00 to 10.00<br>0 to 16.0<br>5 : 1.75 to 17.50<br>0 to 20.0 |
| Guage Size  | 40 / 52 mm OD   |
| Guage Port Size   | 1/8" / 1/4" - BSP / NPT   |
| Guage Connection  | Back  |
| Bowl Guard  | Standard available in all series ( Not available in FRC 2012 )  |
| Mounting facility   | Possible - Optional   |

\* Technical know-how, design & drawings originally from Kushako India



Manufactured by :

**Kushako India**

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