

# SERIES 5000 - FILTERS 2"

High flow rate filters, equipped with the 2" ECO FLOW-PACK valve and the new Commercial Universal Controller (CUC)

All systems are available in Single, Duplex, Triplex, and Quadplex operation.

## MODELS 5172, 5242, 5302, 5362

These filters are especially designed for use in communities, blocks of flats and offices, as well as in industry.

**Activated Carbon Filters :** Efficiently remove chlorine, taste and odour and other organic contaminants.

**Multi-Media Filters :** Provide an efficient means to remove sediment and particulate matter from a water supply.

**Greensand Filters :** Provide a depth filtration process, similar to the multi-media filter, also removing iron, manganese and hydrogen sulphide.

The patented 2" ECO FLOW-PACK valve is designed to provide high flow rates with minimum pressure drop.

All the filters of the 2" EFP 5000 series are now equipped with a new universal control module. It offers more flexibility when it comes to setting up a up a multiple-unit water filtering system. Indeed, this 'CUC' control module can be set to control from one up to four units of the same model.

With a multiple-unit system, the following configurations are possible :

### Parallel Immediate :

All the units provide output water at the same time. When any unit has exhausted its capacity, it immediately goes off-line, recharges and goes back on-line.

### Parallel Delayed :

All the units provide output water at the same time. When any unit has exhausted its capacity, it will stay on-line until the scheduled recharge time.

### Alternating Immediate :

Typically one unit is queued up on standby until another unit in service exhausts its capacity. The standby unit in the queue is placed in service and the exhausted unit is immediately recharged. When the recharge process is complete, the fresh unit is placed in the back of the standby queue.

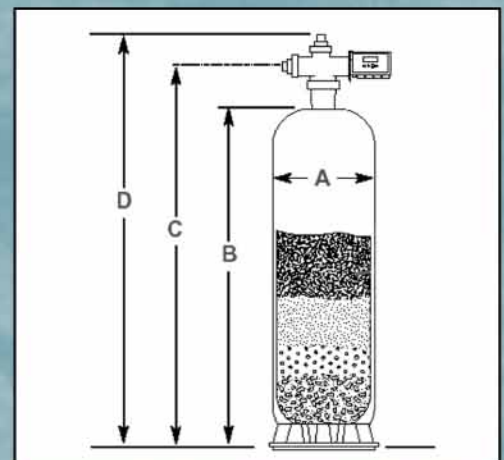
### Peak Flow:

One or more units can be queued up on standby. Units are brought on-line whenever the water flow reaches a specific programmed trip point. If the water flow decreases, units are put back on standby.



Find out about all the advantages of the 2" EFP Filters of the 5000 Series in the technical manual.

Models	A Ø Media Tank mm	B Media Tank Height mm	C Inlet-Outlet Height mm	D Overall Height mm	Ø Inlet-Outlet Connections in.	Ø Drain Connection * (Min. recom.) in.
5172	440	1480	1700	1850	2" NPT	1 - 2"
5242	610	1830	2060	2200	2" NPT	1 - 2"
5302	770	1830	2240	2380	2" NPT	1 - 2"
5362	915	1830	2250	2390	2" NPT	1 - 2"



\* This can vary with different filter application. Greensand filters, requiring higher backwash flow rates, need a 2" drain connection. Also, the drain pipe size should increase with longer drain runs.

SPECIFICATIONS		FILTERS						
Models	Media Tank Size	Optimum Flow Rate	Peak Flow Rate	Backwash Flow Rate	Activated Carbon	Gravel		
<b>Activated Carbon Filters</b>	in.	l/min	l/min	l/min	Kg (l)	Kg (l)		
5172	17" x 58"	30,30	60,56	56,70	47 (113,3)	46 (28,3)		
5242	24" x 72"	56,70	113,50	113,50	118 (283,2)	68 (43)		
5302	30" x 72"	94,63	189,20	189,20	177 (424,7)	114 (71)		
5362	36" x 72"	132,48	265,00	265,00	236 (566,3)	136 (85)		
Models	Media Tank Size	Optimum Flow Rate	Peak Flow Rate	Backwash Flow Rate	Gravel	Garnet	Sand	Anthracite
<b>Multi-Media Filters</b>	in.	l/min	l/min	l/min	Kg (l)	Kg (l)	Kg (l)	Kg (l)
5172	17" x 58"	56,70	113,50	94,63	46 (28,3)	23 (11,3)	46 (28,3)	70 (85)
5242	24" x 72"	113,50	227,10	189,20	68 (43)	68 (34)	114 (71)	141 (170)
5302	30" x 72"	189,20	378,50	265,00	114 (71)	91 (45)	159 (100)	236 (283,2)
Models	Media Tank Size	Optimum Flow Rate	Peak Flow Rate	Backwash Flow Rate	Gravel	Garnet	Greensand	Anthracite
<b>Greensand Filters</b>	in.	l/min	l/min	l/min	Kg (l)	Kg (l)	Kg (l)	Kg (l)
5172	17" x 58"	30,30	49,20	94,63	46 (28,3)	23 (11,3)	116 (85)	35 (43)
5242	24" x 72"	56,70	90,80	189,20	68 (43)	68 (34)	231 (169,9)	70 (85)
5302	30" x 72"	94,63	143,830	265,00	114 (71)	91 (45)	347 (264,8)	118 (141,6)

**All systems are available in Single, Duplex, Triplex, and Quadplex operation.**

**Notes**

The filters are operated on a demand basis utilizing a water meter and control with an override option to initiate a backwash on a more frequent basis. The filters will operate very effectively at the optimum flow rates and should be operated at the peak flow rate for only short periods of time.

Your Authorized Dealer :



The document may not be reproduced, even in part, without prior written approval.

Edited by: EWS / Europe B – 2250 Olen  
Ind5000 filter 2" EFP Eng – 2003/06