

FILTER-AG PLUS FILTRATION SYSTEMS

FILTER AG PLUS is a special type of media used in water filtration. Made from a natural mineral, this filter material offers superior performance compared to traditional sand or anthracite filter media. It is primarily used in water treatment systems to remove sediment, turbidity, sludge, and total suspended solids (TSS).

Advantages of FILTER AG PLUS:

- High Efficiency: Its low-density structure allows it to capture more dirt and particles.
- Low Pressure Loss: Maintains water flow rate without significant drops, saving energy.
- Long-Lasting Use: Requires less backwashing compared to sand or anthracite, conserving water and energy.
- Wide Filtration Range: Can trap particles as small as 5 microns, ensuring cleaner water.
- Eco-Friendly: Made from natural minerals and does not require chemical additives.

Applications:

- Industrial and residential water treatment systems
- Swimming pool filtration systems
- Pre-filtration for reverse osmosis (RO)
- Municipal water treatment plants
- Agricultural irrigation systems

The automation of these filters is generally provided by Clack, RUNXIN, and similar automation valves, while PLC electrical systems are used as an alternative in high-flow applications.



STANDARD FEATURES

- FRP or painted carbon steel body not affected by the water
- Full automatic automation system
- Suitable for use in model
- High quality mineral
- Minimal maintenance without human intervention
- Low energy and operating costs
- 10 bar Tank test pressure
- 2-7 bar operating range
- Max 50 °C operating temperature

FILTER-AG PLUS FILTER SYSTEMS

Stock Code	Tank	Filtration Speed	Media Material		Connection Options
		10 m/h	Filter AG Plus (kg)	Quartz (kg)	
0-FAP-FAG0075	13x54	0.87	35	15	1" - 1 1/4"
0-FAP-FAG0100	14x65	1	45	15	1" - 1 1/4" - 1 1/2" - 2"
0-FAP-FAG0150	16x65	1.3	45	20	1" - 1 1/4" - 1 1/2" - 2"
0-FAP-FAG0200	18x65	1.65	68	25	1" - 1 1/4" - 1 1/2" - 2"
0-FAP-FAG0250	21x62	2.25	90	50	1" - 1 1/4" - 1 1/2" - 2"
0-FAP-FAG0300	24x72	3	136	100	1 1/2" - 2"
0-FAP-FAG0500	30x72	4.6	272	150	1 1/2" - 2"
0-FAP-FAG0750	36x72	6.6	385	250	2"
0-FAP-FAG0900	42x72	9	521	300	2"
0-FAP-FAG1200	48x72	11.7	680	500	2"



*Clack, Runxin and equivalent Valves can be used in the above systems.

SURFACE PIPELINED

FILTER-AG PLUS FILTER SYSTEMS WITH FRP TANK

Stock Code	Tank	Connection Diameter Dn-FIns-Srv-Dre	Filtration Speed		Media Material	
			10 m/h	15 m/h	Filter AG Plus (kg)	Quartz (kg)
0-FAP-YAP-500	30x72	50-50	4.5	7	272	150
0-FAP-YAP-750	36x72	50-50	6.5	10	385	250
0-FAP-YAP-1000	42x72	65-65	9	13.5	521	300
0-FAP-YAP-1200	48x72	65-65	11.5	17	680	500
0-FAP-YAP-1600	63x86	80-80	20	30	1202	800



EPOXY PAINTED ST-37

FILTER-AG PLUS FILTER SYSTEMS WITH TANK

Stock Code	Tank	Connection Diameter Dn-FIns-Srv-Dre	Filtration Speed		Media Material	
			10 m/h	15 m/h	Filter AG Plus (kg)	Quartz (kg)
0-FAP-YAP-1215	1200 x 2790	65-65	12.5	18.5	725	1375
0-FAP-YAP-1615	1600 x 3020	80-80	20	30	1202	2375
0-FAP-YAP-2015	2000 x 3250	100-100	31.5	47	1905	3150
0-FAP-YAP-2415	2400 x 3400	125-125	45	68	2744	4525

