

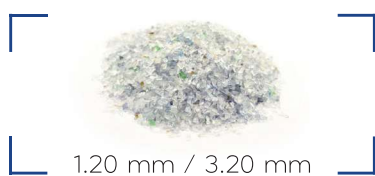
GLASS FILTRATION SYSTEMS

It replaces the traditional sand media applied in all filters. It is produced from a certain type of 100% recycled glass to achieve optimum particle Dimension and shape.

Its slippery surface attracts small particles 300 times more than sand thanks to its electrostatic negative charge (zeta potential). In addition, the glass mineral has a permanent redox potential metal oxide catalysts that are self-sterilizing. In this way, it helps to separate metal oxides and other target elements from water 4 times more than sand. It has a longer life than sand because it does not contain bacteria and organic waste on its surface.



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.



MAJOR BENEFITS COMPARED TO OTHER SANDS

- Since it is lighter than sand, you can fill your filters with 20% savings.
- Service life as it has higher abrasion resistance than sands It is 4 times more.
- It saves from other chemicals with its treatment performance.
- Lower chlorine consumption and disinfection by-products compared to sands.
- It does not cause calcification, agglomeration and petrification. In this way, channel formation and prevents biological contamination
- Sandlar keeps bacteria and algae over time. Bacteria and algae cannot adhere to glass sand.
- It saves a significant amount of water and energy in backwashing.
- Makes water up to 30% clearer
- Filtration down to a few microns at 100% efficiency without filtration aids it does.
- Suitable for drinking water treatment, sewage and waste water treatment.

GLASS FILTER SYSTEMS

| Stock Code | Tank | Filtration Speed | | Media Material | Connection Options |
|-------------|-------|------------------|--------|----------------|-----------------------|
| | | 15 m/h | 20 m/h | Glass (kg) | |
| 0-CAM-G0010 | 8x17 | 0.5 | 0.65 | 8 | ¾" - 1" |
| 0-CAM-G0020 | 8x35 | 0.5 | 0.65 | 20 | ¾" - 1" |
| 0-CAM-G0030 | 10x35 | 0.75 | 1 | 32 | ¾" - 1" |
| 0-CAM-G0050 | 10x54 | 0.75 | 1 | 50 | ¾" - 1" |
| 0-CAM-G0060 | 12x52 | 1 | 1.5 | 58 | 1" |
| 0-CAM-G0075 | 13x54 | 1.3 | 1.7 | 77 | 1" - 1 ¼" |
| 0-CAM-G0100 | 14x65 | 1.5 | 2 | 102 | 1" - 1 ¼" - 1 ½" - 2" |
| 0-CAM-G0150 | 16x65 | 2 | 2.6 | 146 | 1" - 1 ¼" - 1 ½" - 2" |
| 0-CAM-G0200 | 18x65 | 2.5 | 3.3 | 190 | 1" - 1 ¼" - 1 ½" - 2" |
| 0-CAM-G0250 | 21x62 | 3.3 | 4.5 | 252 | 1" - 1 ¼" - 1 ½" - 2" |
| 0-CAM-G0300 | 24x72 | 4.4 | 5.8 | 313 | 1 ½" - 2" |
| 0-CAM-G0500 | 30x72 | 6.8 | 9 | 552 | 1 ½" - 2" |
| 0-CAM-G0750 | 36x72 | 10 | 13 | 760 | 2" |
| 0-CAM-G0900 | 42x72 | 13.4 | 18 | 908 | 2" |



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

SURFACE PIPELINED GLASS FILTER SYSTEMS WITH FRP TANK

| Stock Code | Tank | Connection Diameter Dn-Flns-Srv-Dre | Filtration Speed | | Media Material |
|----------------|-------|--|------------------|--------|----------------|
| | | | 20 m/h | 30 m/h | Glass (kg) |
| 0-CAM-YGP-500 | 30x72 | 50-50 | 9 | 14 | 552 |
| 0-CAM-YGP-750 | 36x72 | 50-50 | 13 | 20 | 760 |
| 0-CAM-YGP-1000 | 42x72 | 65-65 | 18 | 27 | 908 |
| 0-CAM-YGP-1200 | 48x72 | 65-65 | 23 | 35 | 1130 |
| 0-CAM-YGP-1600 | 63x86 | 80-80 | 40 | 60 | 2400 |



EPOXY PAINTED ST-37 GLASS FILTER SYSTEMS WITH TANK

| Stock Code | Tank | Connection Diameter Dn-Flns-Srv-Dre | Filtration Speed | | Media Material |
|---------------|-------------|--|------------------|--------|----------------|
| | | | 20 m/h | 30 m/h | Glass (kg) |
| 0-CAM-YG-1215 | 1200 x 2790 | 65-65 | 25 | 37 | 1600 |
| 0-CAM-YG-1615 | 1600 x 3020 | 80-80 | 40 | 60 | 2750 |
| 0-CAM-YG-2015 | 2000 x 3250 | 100-100 | 63 | 94 | 3650 |
| 0-CAM-YG-2415 | 2400 x 3400 | 125-125 | 91 | 136 | 5225 |

