

# ESLI

Pollet Water Group

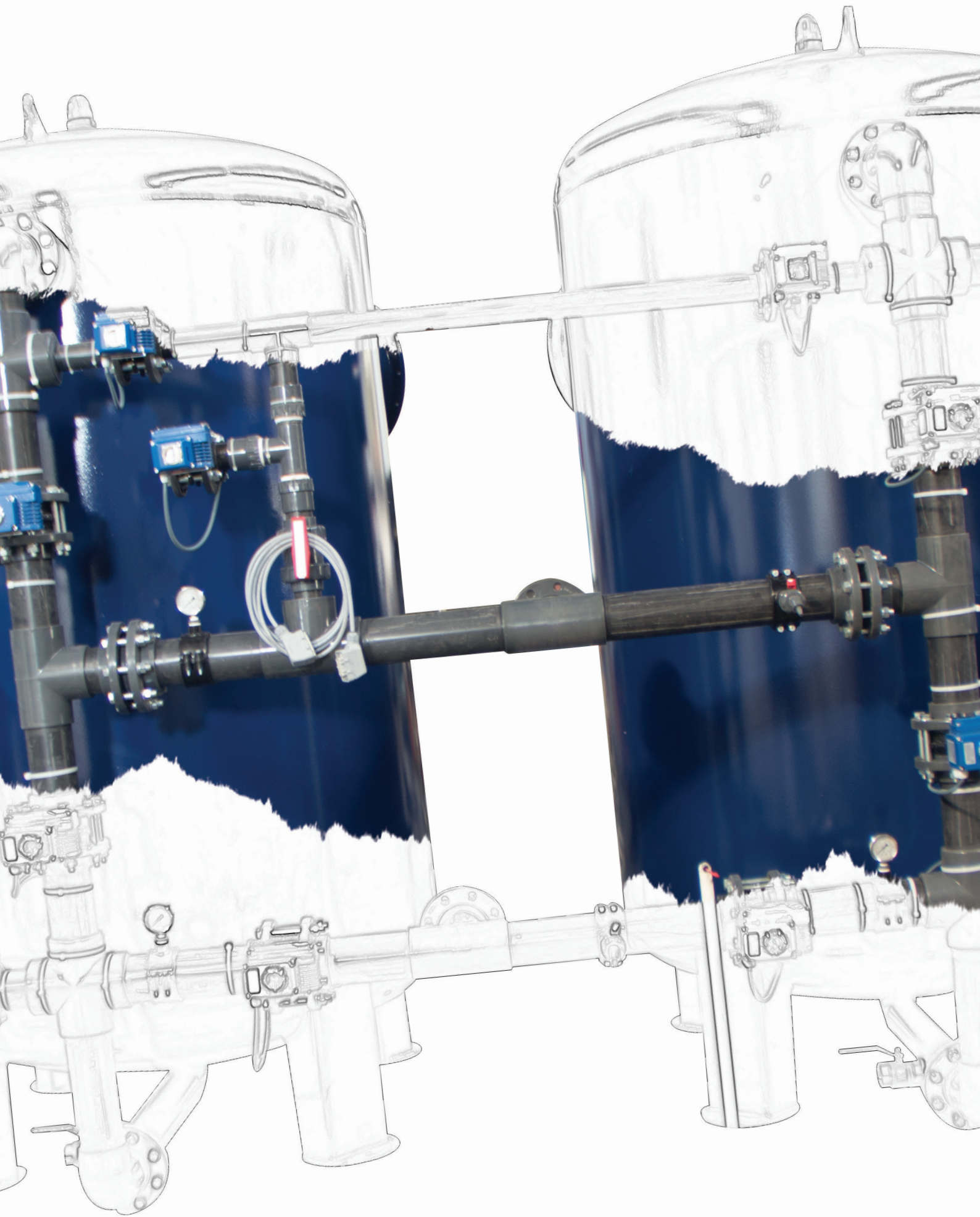
**AQUALINE<sup>®</sup>**

## FACE PIPING SYSTEMS

- *Aqualine Multi Media Filters with Surface Piping are used in systems of 20 m<sup>3</sup>/hour and more capacity to decrease suspended solids in water, removing turbidity and all particulates from water, which can be filtered up to 5-20 micron.*

- *Aqualine Active Carbon Filters with surface piping are used in systems of 20 m<sup>3</sup>/hour and more capacity for the purpose of removing color, taste, odor, residual chlorine and organic substances from water.*

- *Aqualine Single and Tandem Type Softening Systems are used to remove calcium, magnesium, strontium and barium, causing hardness in water, for softening water.*



**FACE PIPING MULTIMEDIA / ACTIVATED CARBON SYSTEMS WITH EPOXY PAINTED ST-37 TANK**



ELECTRIC ACTUATED  
ACTIVATED CARBON FILTER SYSTEM

- Epoxy painted carbon steel tank
- In Activated Carbon Systems AQUALINE brand coconut based active carbon (Optional coal based activated carbon)
- Maximum operation pressure is 6 bar
- Timer controlled back wash (Optional differential pressure)
- Pneumatically actuated butterfly valves (Optional electrically actuated valves)
- (MULTIMEDIA FILTER SYSTEMS) F-1215 and F-1615 bottom collect structure is lateral diffuser
- (MULTIMEDIA FILTER SYSTEMS) Between the F-2015 and F-2815 bottom collect structure is plate type KSH Diffusers
- (ACTIVATED CARBON SYSTEMS) C-1215 and C-1615 bottom collect structure is lateral diffuser
- (ACTIVATED CARBON SYSTEMS) Between the C-2015 and C-2815 bottom collect structure is plate type KSH Diffusers
- PVC-U material surface piping (Optional galvanised surface piping)
- Sample taps and manometers in the inlet and outlet of the system
- Electronic card or Siemens logo control panel (Optional touch screen)
- Electric 220V /50 Hz /1 pH
- Dry air should be supplied by customer for pneumatically controlled valves. Recommended minimum compressor capacity is 100 Lt/min @ 8 bar.

MODEL	DIMENSIONS (mm) (dmt x Htop)	CONNECTION (DN-FLANGE) SERVICE- DRAIN	FLOW (m³/h)		MINERALS			
					SAND FILTERS		ACTIVATED CARBON FILTER	
			VELOCITY = 20m/h	VELOCITY = 30m/h	ANTHRACITE (kg)	QUARTZ (kg)	CARBON (kg)	QUARTZ (kg)
F/C-1215	1250 x 2790	65 - 65	25	37	350	1375	475	600
F/C-1615	1600 x 3020	80 - 80	40	60	600	2375	850	1150
F/C-2015	2000 x 3250	100 - 100	63	94	800	3150	1500	500
F/C-2415	2400 x 3400	125 - 125	91	136	1150	4525	2175	725
F/C-2815	2800 x 3750	150 - 150	123	185	1575	6200	2950	975

**SURFACE PIPING MULTIMEDIA / ACTIVATED CARBON SYSTEMS WITH FRP TANKS**

- WCY brand FRP tank
- In Activated Carbon Systems Aqualine brand coconut based active carbon (Optional coal based activated carbon)
- Maximum operation pressure is 6 bar
- Timer controlled back wash (Optional differential pressure control)
- Pneumatically actuated butterfly valves (Optional electrically actuated valves)
- Bottom collector structure is lateral diffuser
- PVC-U material surface piping (Epoxy painted skid)
- Sample tap and manometers in the inlet and outlet of the system
- Electronic card or Siemens logo control panel (Optional touch screen)
- Power 220V /50 Hz / 1 pH
- Dry air should be supplied by customer for pneumatically controlled valves. Recommended minimum compressor capacity is 100 Lt/min @ 8 bar.



ELECTRIC ACTUATED  
ACTIVATED CARBON FILTER SYSTEM

MODEL	DIMENSIONS (mm) (dmt x Htop)	CONNECTION (DN-FLANGE) SERVICE- DRAIN	FLOW (m³/h)		MINERALS			
					SAND FILTERS		ACTIVATED CARBON FILTER	
			VELOCITY = 20m/h	VELOCITY = 30m/h	CARBON (kg)	QUARTZ (kg)	CARBON (kg)	QUARTZ (kg)
F/C-3072	775 x 2050	50 - 50	9	14	125	475	150	225
F/C-3672	975 x 2150	50 - 50	13	20	175	650	225	325
F/C-4272	1075 x 2400	65 - 65	18	27	200	775	275	400
F/C-4872	1225 x 2400	65 - 65	23	35	300	1125	400	550
F/C-6386	1600 x 2500	80 - 80	40	60	550	2025	700	1000

**FACE PIPING SINGLE / DUPLEX SOFTENER SYSTEMS WITH EPOXY PAINTED ST-37 TANK**

- With Epoxy painted carbon steel tank (Optional Stainless steel tank)
- Aqualine brand cationic resin
- Maximum operation pressure is 6 bar
- SINGLE System is flow controlled (Optional timer controlled)
- Pneumatically actuated butterfly valves (Optional electrically activated valves)
- S- 1220 and S-1620 bottom collector structure is lateral diffuser
- S - 2020 and S - 2420 bottom collector structure is plate type with KSH diffusers
- PVC-U material surface piping (Optional galvanised surface piping)
- Sample taps and manometers in the inlet and outlet of the system
- Electronic card or Siemens logo control panel (Optional touch screen)
- Electric 220V / 50 Hz / 1 pH
- For 1 lt resin 150 gr salt consumption is accepted
- Resin capacity 6000 ltFr is accepted
- Dry air should be supplied by customer for pneumatically controlled valves.
- Recommended minimum compressor capacity is 100 Lt/min @ 8 bar



POWER SUPPLY IS ACTUATED TANDEM SOFTENER SYSTEM



ELECTRICAL ACTUATED SINGLE SOFTENER SYSTEM

MODEL	DIMENSIONS (mm) (dmt x Htop)	CONNECTION (DN-FLANGE) SERVICE- DRAIN BRINE LINE	FLOW m <sup>3</sup> /h	BRINE CONS. (kg/rej.)	MINERALS			
					SINGLE		DUPLEX	
					RESIN (lt)	QUARTZ (kg)	RESIN (kg)	QUARTZ (kg)
S/ST-1220	1250x3120	80-50-40	50	270	1800	300	1800x2	300x2
S/ST-1620	1600x3350	100-80-50	85	420	2800	600	2800x2	600x2
S/ST-2020	2000x3550	125-80-50	135	660	4400	500	4400x2	500x2
S/ST-2420	2400x3750	150-100-80	180	945	6300	700	6300x2	700x2

## FACE PIPING SINGLE/DUPLEX SOFTENER SYSTEMS WITH FRP TANK

- With WCY brand FRP tank
- Aqualine brand cationic resin
- Maximum operation pressure is 6 bar
- Pneumatically actuated butterfly valves (Optional electrically actuated valves)
- Bottom collector structure is lateral diffuser
- PVC-U material face piping (Epoxy painted skid)
- Sample taps and manometers in the inlet and outlet of the system
- Electronic card or Siemens logo control panel (Optional touch screen)
- Electric 220V /50 Hz / 1 pH
- For 1 Lt resin; 150 gr salt consumption is accepted
- Resin capacity 6000 LtFr resin is accepted
- Dry air should be supplied by customer for pneumatically controlled valves. Recommended minimum compressor capacity is 100 Lt/min @ 8 bar



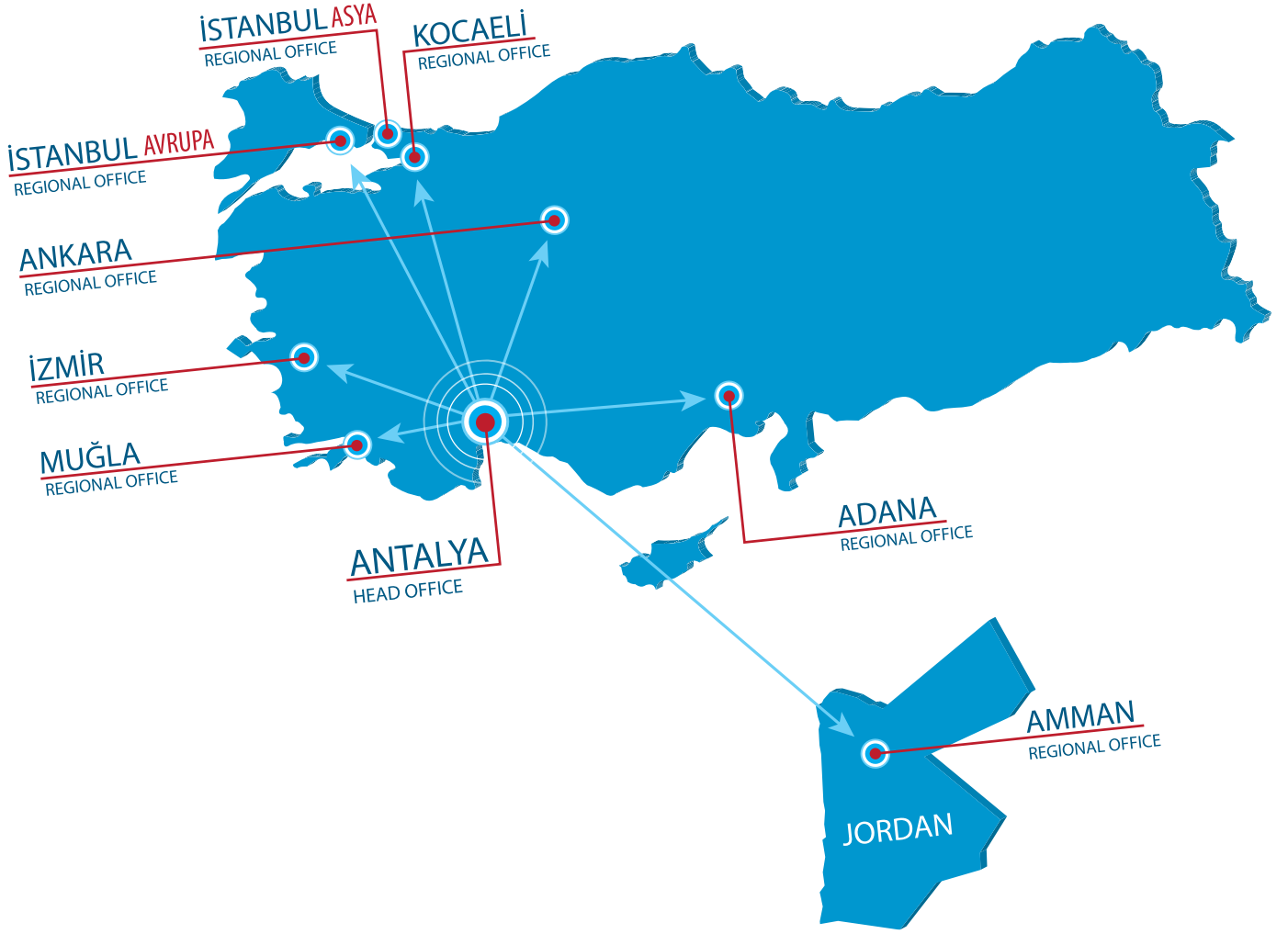
ELECTRIC ACTUATED TANDEM SOFTENER SYSTEM



ELECTRIC ACTUATED SINGLE SOFTENER SYSTEM

MODEL	DIMENSIONS (mm) (dmt x Htop)	CONNECTION (DN-FLANGE) SERVICE- DRAIN BRINE LINE	FLOW m³/h	BRINE CONS. (kg/rej.)	MINERALS			
					SINGLE		DUPLEX	
					RESIN (lt)	QUARTZ (kg)	RESIN (kg)	QUARTZ (kg)
S/ST-3072	775 x 2050	50 - 50 - 25	20	75	500	150	500x2	150x2
S/ST-3672	975 x 2150	50 - 50 - 25	27	113	750	250	750x2	250x2
S/ST-4272	1075 x 2400	65 - 65 - 25	32	135	900	300	900x2	300x2
S/ST-4872	1225 x 2400	65 - 65 - 40	42	180	1200	500	1200x2	500x2
S/ST-6386	1600 x 2500	80 - 80 - 40	50	270	1800	800	1800x2	800x2





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