Key No.	Part No.	Product Description	Qty
1	01013130	Handle for 1.5"4-way Valve	1
2	03018160	Pin for handle	1
3	01013131	Fixation for 1.5"4-way Valve Handle	1
4	03011003	⊄4*12 Self-drilling screw	3
5	01013132	Pressing Ring	1
6	01181060	Washer for 1.5"4-way Valve Handle	1
7	02011095	O-Ring for Rotor	2
8	02311010	Spider Gasket	1
9	06021014	Plastic pressure gauge With O-Ring (28Psi)	1
10	01013134	1.5″4-way Valve Body	1
11	89280104	Sight Glass with O-Ring	1
	01013137	1.5"4-way Valve Rotor Connector	1
12	01013133	Rotor for 1.5"4-way Valve	1
	01013135	Diffuserfor 1.5"4-way Valve	1
13	02011184	O-Ring for Diffuser	1

(9)

Valve Position	Function
FILTER	Normal Filtration and Vacuuming
BACKWASH	Cleaning Filter by reversing the flow
RINSE	Used after backwash to flush dirt from valve
WASTE	By-passes filter, used for vacuuming to waste or lowering water level
RECIRCULATE	By-passes filter for circulating water to pool
CLOSED	Shuts off all flow to filter or pool

WARNING

THIS FILTER OPERATES UNDER HIGH PRESSURE. WHEN ANY PART OF THE CIRCULATING SYSTEM (e.g., CLAMP, PUMP, FILTER, VALVES, ETC.) IS SERVICED, AIR CAN ENTER THE SYSTEM AND BECOME PRESSURIZED. PRESSURIZED AIR CAN CAUSE THE LID OR VALVE TO BE BLOWN OFF WHICH CAN RESULT IN SEVERE INJURY, DEATH, OR PROPERTY DAMAGE

↑ TURN PUMP OFF BEFORE CHANGING VALVE POSITION.

TO PREVENT DAMAGE TO THE PUMP AND FOR PROPER OPERATION OF THE SYSTEM, \wedge CLEAN PUMP STRAINER AND SKIMMER BASKETS REGULARLY.

 Δ do not unscrew screws of flange clamp while pump is running.

FSU-4TP FSU-4P FSU-6TP FSU-6P FSU-8TP FSU-8P

INSTALLATION

* Install filtration system including pump, filter tank and multiport valve.

- * The filter system should be installed as close as possible to the swimming pool and preferably at a level
- of 0.50 metres below the surface of the water in the swimming pool. Make sure there is drainage available
- at the place where the filter is to be installed.

* PUMP

1. Only gualified, licensed personnel should install pump and wiring. 2.Electrical Contractors Please Note:All 110 volt 60Hz pump must be wired to the main power supply trough an approved and correctly rated contractor. 3. Allow for gate valve in suction piping.

4. Pump suction and discharge connections have moulded in thread stops, do not try to screw pipe in beyond these stops.

* FILTER TANK and MULTIPORT VALVE

1.Loading the sand media.Filter sand media is loaded through the top opening of the filter. a.Loosen the plastic clamps from tank neck.

b.Cap internal pipe with plastic cap to prevent sand from entering it. c.We recommend filling tank approximately 1/2 way with water to provide a cushion effect when the filter sand is poured in. This helps protect the under-drain laterals from excessive shock. d.Carefully pour in correct amount and grade of filter sand.Be sure center pipe remains centered in opening. Sand surface should be leveled and should come to about the middle of the filter tank. Remove plastic cap from internal pipe.

2.Assemble filter control valve to filter tank.

a.Insert filter control valve (with O'ring in place) into the tank neck, taking care that the center pipe slips into the hole in the bottom of the valve.

b.Place two plastic clamps around valve flange and tank neck and tighten just enough so that the valve may Be rotated on tank for final positioning.

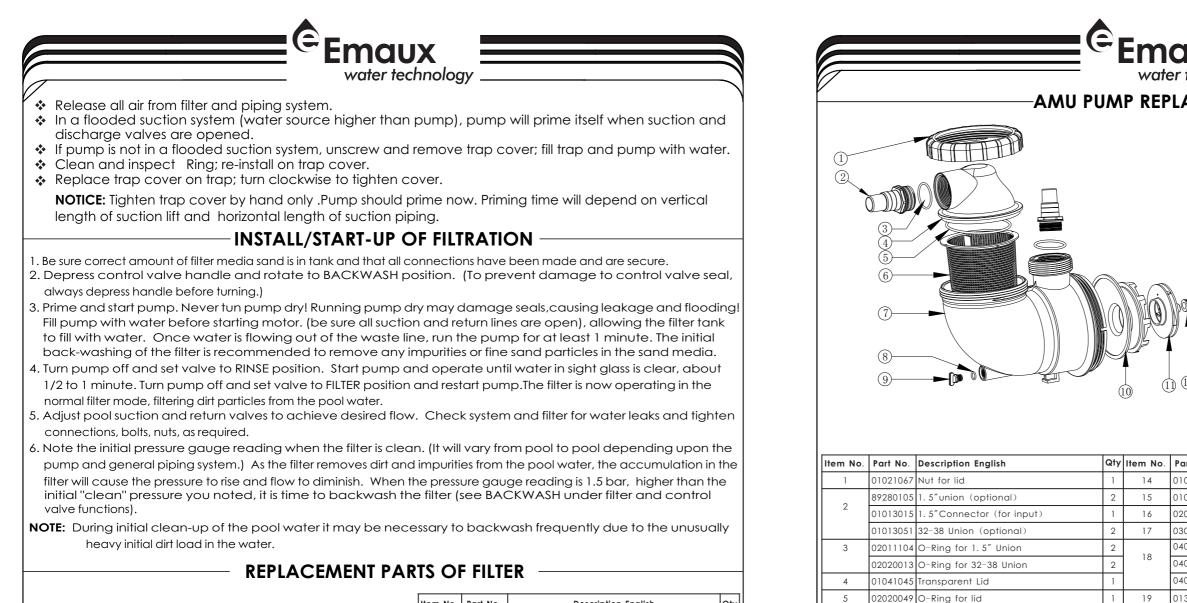
c.Carefully screw pressure gauge (with O'ring in place) into tapped hole in valve body.Do not over-tighten. d.Connect pump to control valve opening marked PUMP with hose.After connections are made, tighten clamps with screwdrive, tapping around clamp with screwdrive handle to help seat valve flange clamp. 3. Make return to pool pipe connection to control valve opening marked RETURN and complete other necessary plumbing connections, suction lines to pump, waste, etc. 4.To prevent water leakage, be sure all pipe connections are tight.

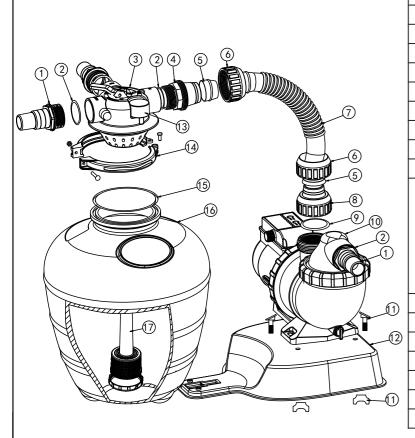


FILTER & PUMP COMBO Installation & Operating Instruction



EMFS14122972





tem No.	Part No.	Description English	Qty
1	01013051	32mm & 38mm Adaptor	3
2	02020013	O-Ring	4
3	88281105	4 Way Valve	1
4	01013047	Hose adaptor	1
5	02011026	Sleeve for Hose	2
6	01013046	Nut for Hose	2
7	01370011	Hose	1
8	01013049	Hose adaptor with nut	1
9	02011104	O-Ring	1
	88028519	AMU012TP AQUA-MINI Pump(with timer & pre-filter)	1
	88027919	AMU012P AQUA-MINI Pump(with pre-filter)	1
	88028520	AMU016TP AQUA-MINI Pump(with timer & pre-filter)	1
10	88027920	AMU016P AQUA-MINI Pump(with pre-filter)	1
10	88028501	AMU020TP AQUA-MINI Pump(with timer & pre-filter)	1
	88027901	AMU020P AQUA-MINI Pump(with pre-filter)	1
11	89033601	Pump Assembly Screw	1
12	01111105	Combo Base	1
13	06021014	Plastic Pressure Gauge With O-Ring (28psi)	1
14	89033602	Clamp Lock with Screws & Nut	1
15	02010045	O-Ring	1
16	01331061	13″ Filter Tank	1
17	89033603	Lateral Assembly with Center Pipe	1

PRIMING PUMP

A WARNINGS:

01111104 Basket

02020014 O-Ring

01111103 Diffuser

01111017 Drain Plug

01021070 AMU pump body

04015002 1/2" Mechanical seal

02020011 O-Ring for flange

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*EMAUX pumps must be wired to the main supply through an approved and licensed electrician. *If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard;

01311051 Impeller (AMU012TP/AMU012P) (110V/60HZ)

01311045 Impeller(AMU016TP/AMU016P) (110V/60HZ)

01311046 Impeller (AMU020TP/AMU020P) (110V/60HZ)

- *This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety; children should be supervised to ensure that they do not play with the appliance;
- *The maximum total head is 1 metre;
- *Pollution of the liquid could occur due to leakage of lubricants; *The pump must not be used when people are in the water:
- *The pump must be supplied through a residual current device(RCD) having a rated residual operating current not exceeding 30 mA.

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1 2 1 2	14 15 16	Part No. 01021069 01021068 02011156 03011067 04021204	Image Image Nut for body Image Motor Slinger Screw for flange Motor(AMU012TP/AMU012P) (110V/60HZ)	1 1 1 1 4
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