

MF Skid Mounting

MF SKID MOUNTED UNITS

System shall be mounted on a blue epoxy coated carbon steel skid. Controls shall be pre-wired using non-metallic liquid-tite flex conduit. Vessels shall be bolted to the skid. The skid shall be pre-piped with piping firmly supported on the skid. Pipe supports shall be U-bolts on 2" angle iron or Unistrut. Standard skid piping shall include schedule 40 grooved or threaded galvanized pipe for the inlet and outlet. Brine line shall be poly propylene tubing or solvent welded schedule 80 PVC. Drain lines shall be (¾" or 1 ½" solvent welded schedule 80 PVC). Inlet and outlet isolation valves for each vessel and a bypass valve shall be provided. 1 ½" and 2" valves shall be threaded quarter turn cast bronze ball valves with stainless steel ball. 2 ½" and larger valves shall be grooved quarter turn cast iron body butterfly valves. Slots shall be provided in the skid for forklift tines. Piping and vessels shall be hydro test at 100 psi for 1 hour. Pressure gauges and test tap kits shall be installed. Internals for vessels 48 inches and larger in diameter (model 1200) shall ship loose to avoid damage during transit. Models 150 – 750 shall ship with the brine tank mounted on the skid. For models 900 and larger both mineral tanks shall be mounted on a single skid and the brine tank shall not be mounted on the skid and shall ship loose. Media shall ship loose and must be loaded on site. Single point electrical connection shall be provided for all skids. Power requirement shall be 110V, 1Ø, 60 Hz, 5 AMPS. (Drive motor is 3.2 amps and solenoid is 10.5 Watts.)



Skid Mounted MF 1200 Super Flow 3 inch Twin Alternating Softener with schedule 40 galvanized piping. Drain lines are 1 ½" galvanized. The piping is grooved as are the green DM300G valves in the shut off kit. See the black grooved butterfly valves with yellow handles. Pipe is attached with Unistrut. All pre-piped and pre-wired.

MF Skid Dimensions(HtxDepthxWidth)

Model No.	Skid A	Skid B	Configuration
Simplex		(See notes below)	
MF-150-SX or SM	76"x48"x60"		(1)
MF-240-SX or SM	76"x48"x60"		(1)
MF-300-SX or SM	90"x60"x82"		(1)
MF-450-SX or SM	90"x60"x82"		(1)
MF-600-SX or SM	91"x66"x97"		(1)
MF-750-SX or SM	103"x66"x97"		(1)
MF-900-SX or SM	105"x80"x108"		(1)
MF-1200-SX or SM	108"x84"x120"		(1)
Twin			
MF-150-TA	76"x48"x84"		(2)
MF-240-TA	76"x48"x84"		(2)
MF-300-TA	90"x60"x121"		(2)
MF-450-TA	90"x60"x121"		(2)
MF-600-TA	91"x66"x136"		(2)
MF-750-TA	103"x66"x136"		(2)
MF-900-TA	105"x80"x120"		(3)
MF-1200-TA	108"x84"x126"		(3)
Triplex			
MF-150-TX	76"x48"x114"		(4)
MF-240-TX	76"x48"x114"		(4)
MF-300-TX	90"x60"x121"		(5)
MF-450-TX	90"x60"x121"		(5)
MF-600-TX	91"x66"x136"		(5)
MF-750-TX	103"x66"x136"		(5)
MF-900-TX	105"x80"x120"	105"x80"x108"	(6)
MF-1200-TX	108"x84"x126"	108"x84"x120"	(6)
Quad			
MF-150-Q	76"x48"x114"		(7)
MF-240-Q	76"x48"x114"		(7)
MF-300-Q	90"x60"x121"	90"x60"x82"	(8)
MF-450-Q	90"x60"x121"	90"x60"x82"	(8)
MF-600-Q	91"x66"x136"	91"x66"x97"	(8)
MF-750-Q	103"x66"x136"	103"x66"x97"	(8)
MF-900-Q	105"x80"x120"	105"x80"x120"	(9)
MF-1200-Q	108"x84"x126"	108"x84"x126"	(9)

Configurations

- (1) One mineral tank and one brine tank on one skid
- (2) Two mineral tanks and one brine tank on one skid
- (3) Two mineral tanks on one skid - brine tank ships loose
- (4) Three mineral tanks and one brine tank on one skid
- (5) Three mineral tanks on one skid brine tank ships loose
- (6) Two skids - Skid A has two mineral tanks, Skid B has one mineral tank and one, brine tank
- (7) Four mineral tanks on one skid - brine tank ships loose
- (8) Two skids - Skid A has three mineral tanks, Skid B has one mineral tank and one brine tank
- (9) Two skids - Skid A has two mineral tanks, Skid B has two mineral tanks, brine tank ships loose
- (10) Each mineral tank on a separate skid, brine tank ships loose