

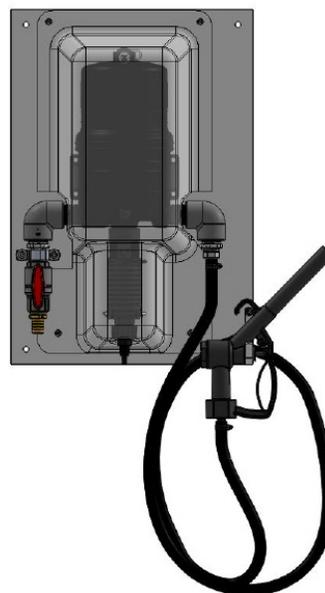


RapidFill

Reduce Auto Scrubber Fill Time by 75%

Hydro Systems is pleased to introduce its new RapidFill unit, designed to quickly fill an auto scrubber using properly dosed water and cleaning solution. With RapidFill, users can easily dial in the exact dilution ratio that is required by turning the lower end of the water driven pump.

Large capacity auto scrubbers may range in size between 50 and 80 gallons (190 to 300 liters), and traditional dosing technologies take approximately 16 minutes to fill up these machines. The RapidFill unit can fill up the same auto scrubber in as little as 4 minutes. Fill time is reduced up to 75%.



Features and Benefits

- The unit consists of the following main components: a SuperDos 20 Water-Driven Pump (WDP), a dispensing nozzle, a cabinet to house the WDP and fasten it to the wall, and fluid conveyance connections
- The unit can handle up to 15 GPM (56 LPM) flow substantially decreasing the time required to fill an auto scrubber by up to 75%
- The dilution ratio range is 1:20 to 1:1000. The correct SuperDos 20 unit will be chosen based off the exact dilution ratio.
- Backflow prevention and filtration options are offered if needed by the end user
- The WDP is housed inside a cabinet that offers private label branding opportunities and protection from unwanted dilution adjustments
- Contains a hose and nozzle system 10 ft. (3 meter) long, 1/2" (12.7 mm) in diameter, which allows for adequate length to fill up auto scrubber away from the RapidFill unit
- The size of the wall mountable unit is approximately 23 inches (58 cm) tall and 16 inches (41 cm) wide

* The unit operates down to 10 GPM (38 LPM) and up to 15 GPM (56 LPM).

**The unit must be connected to a 3/4" (19 mm) water inlet line and achieve a static pressure of 55 psi (3.8 bar) to reach at least 10 GPM (38 LPM), which results in 40 psi dynamic pressure.

***The maximum fluid temperature is 100° F (38° C); minimum fluid temperature is 34° F (1° C).



Model #	Description	Dilution Ratio
HYD113228RF	RapidFill 0.3%, no backflow prevention, no filtration	1:1000 to 1:250
HYD113228RFB	RapidFill 0.3%, backflow prevention, no filtration	1:1000 to 1:250
HYD113228RFBF	RapidFill 0.3%, with backflow prevention and filtration	1:1000 to 1:250
HYD113205RF	RapidFill 2.5%, no backflow prevention, no filtration	1:500 to 1:40
HYD113205RFB	RapidFill 2.5%, backflow prevention, no filtration	1:500 to 1:40
HYD113205RFBF	RapidFill 2.5%, with backflow prevention and filtration	1:500 to 1:40
HYD113206RF	RapidFill 5%, no backflow prevention, no filtration	1:250 to 1:20
HYD113206RFB	RapidFill 5%, backflow prevention, no filtration	1:250 to 1:20
HYD113206RFBF	RapidFill 5%, with backflow prevention and filtration	1:250 to 1:20

SuperDos Maintenance Kits

Kit A: Dosage piston kit

Dosage piston and O-rings



Model	Product code
SuperDos 20 (0.3%)	012310
SuperDos 20 (2.5%)	011850V
SuperDos 20 (5.0%)	011852PV

Kit D: Check valve kit

Suction tube fitting assembly (poppet, O-ring, spring, fitting)



Model	Product code
SuperDos 20 (0.3%)	011463V
SuperDos 20 (2.5%)	011463V
SuperDos 20 (5.0%)	011462V

Kit E: Wear parts maintenance kit

Dosage piston, O-rings, shaft, inner cylinder, check valve kit



Model	Product code
SuperDos 20 (0.3%)	012312R
SuperDos 20 (2.5%)	011833PV
SuperDos 20 (5.0%)	011836PV

Kit G: Complete lower end kit

Dosage piston, shaft, outer cylinder, ratio adjuster, O-rings, pin, filter, solution tube



Model	Product code
SuperDos 20 (0.3%)	012314R
SuperDos 20 (2.5%)	011843PV
SuperDos 20 (5.0%)	011846PV

Kit H: Motor piston kit

Motor piston assembly



Model	Product code
SuperDos 20 (0.3%)	011863
SuperDos 20 (2.5%)	011863
SuperDos 20 (5.0%)	011863

Replacement Nozzle



Model	Product code
Nozzle	10098953