
Water supplies for water injector systems



PHILADELPHIA SCIENTIFIC WATER SUPPLIES



Since 1983, Philadelphia Scientific has brought advanced technology solutions to the industrial battery industry. They specialize in the research, design, development and manufacturing of products for motive power, standby and automotive batteries in addition to tools that maximize battery performance. They are the holders of an extensive patent inventory that reflects the creative and inventive spirit of their employees.

As the creator and manufacturer of many market-leading products, they continuously develop new innovations to serve the industry. This excellence in engineering, combined with their passion for quality, has made Philadelphia Scientific one of the most trusted brands in its marketplace today.

WATER SUPPLIES FOR WATER INJECTOR SYSTEM

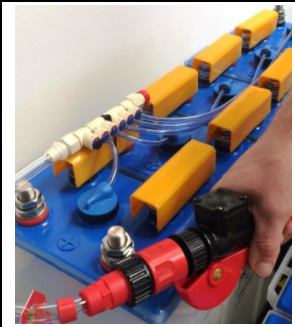



The Philadelphia Scientific Water Injector System is the World's fastest, most reliable way to add water to industrial batteries. And the system is simple to use: an operator makes a hose connection, opens a valve and in 15 seconds or less the entire battery is watered - perfectly. This is eight times faster than filling a battery with a float-based system. For most warehouses and DC's, that adds up to hours of maintenance time saved each week.

The speed of fill with the Water Injector System requires a lot of water at a high pressure. They require a minimum 1,7 Bar (25 psi) of flowing water at a rate of 30,2 Litres (8 gallons) per minute.

We offer a complete line of compatible water supplies to make sure you can provide the correct water pressure wherever you water your batteries.

The range of watering carts are designed specifically for the demands of the Water Injector System and harsh industrial environments. They allow the operator to easily transport battery filling water to where it is needed and the sturdy construction ensures years of productive use.




















	HydroCart Mini	HydroCart Max	Bladder Tank
			
Ordering code	INJ-ESUBCOMP INJ-ESUBCOMPUK (UK)	INJ-ESUB420U INJ-ESUB420UN (UK)	INJ-T10M
Capacity	37,8 L (10 gal)	75 L (20 gal)	37,8 L* (10 gal)
System exposure temperature	2° to 71°C (35° to 160°F)		
Power source	230 VAC	110 or 230 VAC	N.A.
Range	7 m (23 ft)	6 m (19.8 ft)	Unlimited
Power cord length	3,9 m (13 ft)	3 m (10 ft)	N.A.
Horse power	¾ HP	¾ HP	N.A.
Height	889 mm (35 in)	1180 mm (46.5 in)	1041 mm (41 in)
Width	381 mm (15 in)	560 mm (22 in)	432mm (17 in)
Net weight	14,1 kg (31 lb)	35 kg (77 lb)	27,2 kg (59.9 lb)
Wheel size	150 mm (6 in)	200 mm (8 in)	200 mm (8 in)
Wheel type	Plastic	With ball bearing	With ball bearing
Output hose Size	1,27 cm (1/2 in)	1,5 cm (5/8 in)	
Output hose length	3 m (10 ft)		5,5 m (18 ft)
Retractable cord reel	✗	✓	✗

*the maximum capacity of 38 L (10 US gallons) is achieved when the tank pressurized to 5,5 bar (80 psi). If you have very low water pressure, or if you wish to use bottled water or some other unpressurized source you may need to use a Booster Pump

Spare parts for HydroCart Mini			
For	Ordering code	Description	Picture
	INJ-607	Injector Valve Instant Pro On/Off Integral Flow Indicator	
	INJ-435	Injector Pressure Regulator 35psi	
	INJ-E077	Output Hose	
	INJ-E076	HydroCart Mini Pump 230V c/w Transition Fitting	
	CRT-E205	6" Wheel + Tire for 35 l Watercaddy / 30 l AquaJet	
	CRT-E206	3/8" Axle Cap for Wheel 35 l Watercaddy / 30 l AquaJet	
	CRT-E207	3/8" Axle Rod for Wheel 35 l Watercaddy / 30 l AquaJet	

Spare parts for HydroCart Max			
For	Ordering code	Description	Picture
	INJ-607	Injector Valve Instant Pro On/Off Integral Flow Indicator	
	INJ-435	Injector Pressure Regulator 35psi	
	INJ-E014	HydroCart power cable 110V 16A Earth plug unfused	
	INJ-E016	Aquajet 3, 230vac. Power Supply Cord. Euro, 'Shuko'	
	INJ-E013	HydroCart power cable 230V 13A UK 3-Pin plug fused.	
	INJ-E038	Pump unit HydroCart Max with hose connector	
	INJ-E032	Hose output 5/8, 10ft long	

Spare parts for Bladder Tank			
For	Ordering code	Description	Picture
	INJ-070	Hose output, 18ft long, male/female ends	
	INJ-607	Injector Valve Instant Pro On/Off Integral Flow Indicator	
	ACC-065	Input Hose for Bladder Tanks, includes Quick-Connect with Check Valve	
	WD-ACC-034	Quick connect female x female thread (6 pcs)	
	ACC-036	Gauge Assembly Kit	
	ACC-040	Wheel kit	
	INJ-PG	Pressure tester, 100 P.S.I., for testing static pressure	

Accessories			
For	Ordering code	Description	Picture
	INJ-DF	Direct Fill Assembly	
	INJ-491	Pressure regulator + flow indicator + Instant valve (= INJ-435 + INJ-607)	
	INJ-607	Injector Valve Instant Pro On/Off Integral Flow Indicator	
	INJ-435	Injector Pressure Regulator 35psi	
	INJ-070	Hose output 10ft Long, male / female ends	
	INJ-122	Sediment Filter	
	INJ-BPEU	Booster Pump, 220/230V AC	
All	INJ-FC	Flow Checker, for testing output pressure compatibility	