

Pit Systems

WATER TREATMENT SYSTEMS

Use these premium quality fiberglass pit components for creating the appropriate pre-treatment pit system for your wash-water recycle system or sewer discharge operations.



In-Ground Fiberglass Pit System

3' x 9' PIT SYSTEM

PART NUMBER	PIT SIZE (FT.)	DESCRIPTION	SHIP WT.
12-0074	3x9x4.5	3-stage collection pit, fiberglass, capacity 600-gallons	480 lb.
12-0223	3x9x4.5	3-ft. x 9-ft. baffleless pit, fiberglass, capacity 600-gallons	480 lb.
12-0238	3x9x4.5	3-stage collection pit with single baffle, fiberglass, capacity 600-gallons	480 lb.
12-0244	3x9x4.5	3-stage collection pit with middle weir and third baffle, fiberglass, capacity 600-gallons, large solids settling area	480 lb.
20-0635A01	Fits 3x9	Above-ground external brace kit, #12-0074	250 lb.
56-0032	Fits 3x9	Aluminum hinged diamond plate cover with 3 frame sections	100 lb.
RC-0001-0003	Fits 3x9	Brace kit for installation of 3-stage collection pit	200 lb.
RC-0018-0001	Fits 3x9	Steel grating for pit	546 lb.
RC-0018-0002	Fits 3x9	Steel grating for pit with steel cover	680 lb.

*May combine RC-0018-0001 and RC-0018-0002 to have both open and closed sections for the 3'x9' pits. Consult factory for more information.

3' x 3' PIT SYSTEM

PART NUMBER	PIT SIZE (FT.)	DESCRIPTION	SHIP WT.
12-0071	3x3x4.5	Catch basin, fiberglass, capacity 100-gallons	190 lb.
20-0480A01	Fits 3x3	Steel grating for pit, 2 sections	250 lb.
20-0733A01	Fits 3x3	Above-ground external brace kit	250 lb.
56-0031	Fits 3x3	Aluminum diamond plate cover with aluminum frame	30 lb.
RC-0001-0002	Fits 3x3	Brace kit for installation of 3-ft. x 3-ft. pit	150 lb.

2' x 2' PIT SYSTEM

PART NUMBER	PIT SIZE (FT.)	DESCRIPTION	SHIP WT.
12-0073	2x2x3	Sump pit, fiberglass, capacity 50-gallons	92 lb.
20-0479A01	Fits 2x2	Steel grating for pit	100 lb.
56-0030	Fits 2x2	Aluminum diamond plate cover with aluminum frame	60 lb.
RC-0001-0001	Fits 2x2	Brace kit for installation of 2-ft. x 2-ft. pit	75 lb.

ACCESSORIES

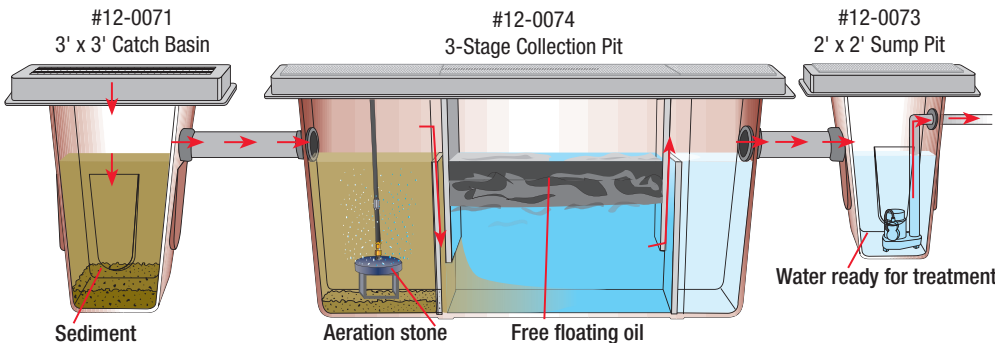
PART NUMBER	DESCRIPTION
3-0216	Submersible sump pump - Stainless-steel replacement, 1/2 HP, 230V, 1Ø, 5.0A
3-0328	Replacement sump pump - Surface-mount, 1.0 HP, 115V, 10.0A
33-0491	Trap and basket - 6-inch, used on #3-0328 sump pump
55-1848	Bulkhead fitting - For piping of pits, 2-inch, 1 each
55-2248	Bulkhead fitting - For piping of pits, 3-inch, 1 each
55-2448	Bulkhead fitting - For piping of pits, 4-inch, 1 each
855-0013	Oil coalescing pack - For #12-0074 3-stage collection pit

OPTION

PART NUMBER	DESCRIPTION
WX-0018	Air stone assembly - Prevents water from stagnating, includes regulator assembly, for aeration of pits

ALUMINUM SUMP PIT AND GRATING

PART NUMBER	DESCRIPTION
56-0069	Aluminum round sump pit - Lightweight aluminum design; 4-inch NPT inlet; 2-inch x 2-inch NPT and 1-inch x 3/4-inch NPT outlets; 52-gallon capacity
56-0070	Aluminum sump grating - Lightweight aluminum design, cover for #56-0069 sump pit



The Importance of a Proper Pit System

Once equipment is washed, the untreated wash-water flows into your pit system. A proper pit system for your application is the first step in proper wash-water treatment, and a critical element in any wash-water recycle system.

We can help you determine the pit system configuration that works best with your application.

The different pit components are designed to:

- Effectively pre-treat vehicle wash-water for treatment by an above-ground system
- Be easily installed by your contractors

Pit Systems - Pit Cleaner

Here's just the right tool to aid in the clean-up of solids in hard-to-reach places. The mi-T-M Pit Cleaner is designed to draw and strain the solids that collect in wash-water pits.

MODEL NUMBER	DESCRIPTION	DIMENSIONS (LxWxH)	SHIP WT.
855-0017	Sludge box - Plastic box designed to hold the sludge bags	30in.x20in.x16in.	31 lb.
RC-0002-0001	Pit cleaner assembly - Includes the suction lance, gun, suction head and flex hose; 87-inch suction lance is capable of vacuuming up to 1-inch diameter solids, 20-feet of flexible hose is standard with the suction lance	93in.x12in.x4in.	25 lb.
RC-0003-0001	Sludge carrier - Movable cart designed to hold the sludge bags	22in.x29in.x48in.	53 lb.
RC-0003-0002	Biodegradable sludge bags - Designed to capture the sludge while allowing the water to flow freely out, used with either #855-0017 sludge box or #RC-0003-0001 sludge carrier; 5 qty.	-	-



Sample Pit Cleaning Application with In-Ground Pit System

Rotating Elbow:
For convenience while vacuuming out pits, elbow swivels to follow the direction of the hose.

Adjustable Handle:
The handle adjusts for the comfort of the operator.

Electric Hot Water Pressure Washer:
HHS-3004-2E2G

Sludge Carrier (RC-0003-0001):
Movable cart designed to hold the sludge bags.

Biodegradable Sludge Bag (RC-0003-0002):
The biodegradable bag is designed to capture the sludge while allowing the water to flow freely out.

Suction Lance (RC-0002-0001):
This 87-inch suction lance is capable of vacuuming up to 1-inch diameter solids. 20-feet of flexible hose is standard with the suction lance.

Suction Head:
Via a venturi-effect in the suction head that is caused by force from the pressure washer, mud is sucked from the bottom of the pit to the biodegradable sludge bag.

BPS Series - Biological Pit Enhancement System

The Biological Pit Enhancement System enables you to inject air, microbes and nutrients into water stored in pits where oil collects and gathers. The BPS Series will improve the quality of the water by decreasing the amount of oils while adding oxygen.

The Biological Pit Enhancement System consists of:

- 2 aeration pumps; linear pumps are used to infuse air into water collection pits
- 2 peristaltic pumps which are able to inject a bacteria and a nutrient if so desired

MODEL NUMBER	ELECTRICAL	DIMENSIONS (LxWxH)	SHIP WT.
BPS-120M	120V, 1Ø, 8.0A, 60Hz.	30in.x22in.x39in.	150 lb.



Shown with side panel removed

