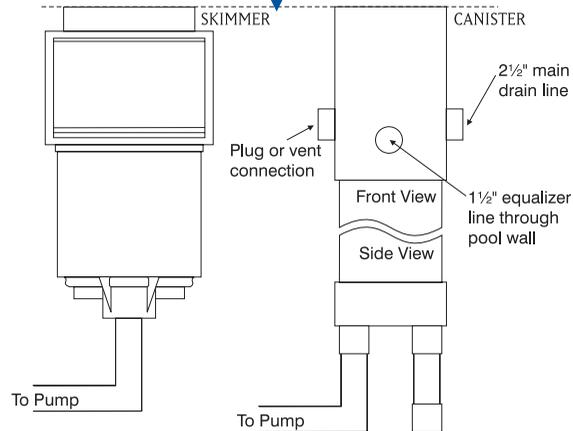




PLUMBER'S QUICK GUIDE

Canister layout

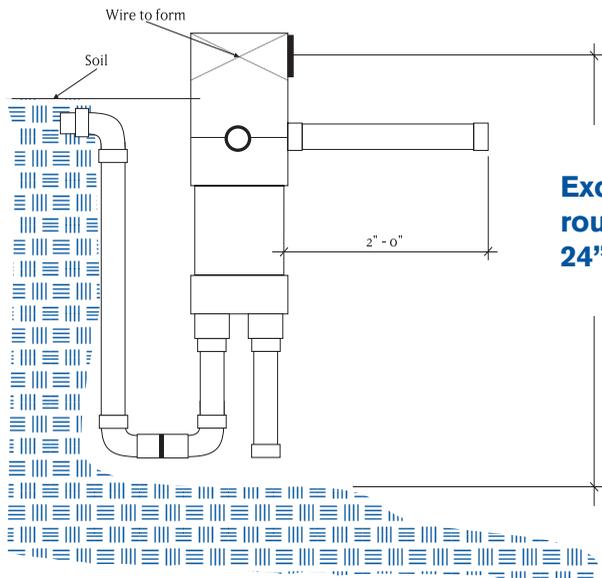
Set canister at same level as skimmer



Note: Decks over 4" thick may require a lid extension

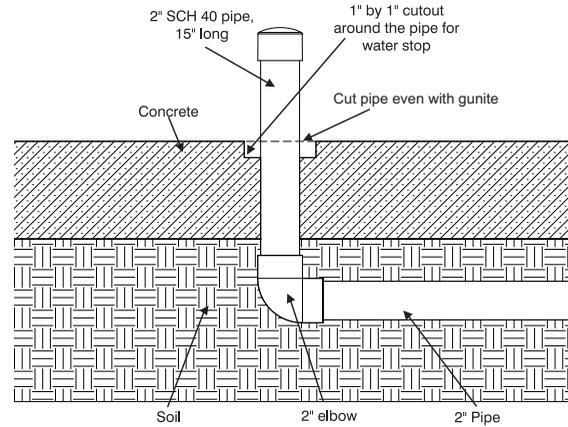
Standard Rough-in for 3 5/8" Cantilever Deck

Top of rim 1" above form to level with form



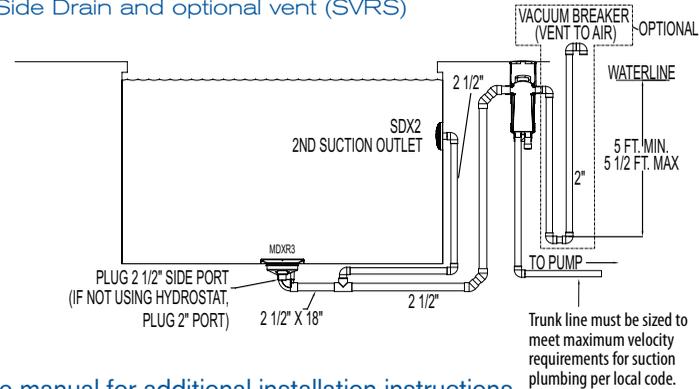
Excavation rough-out
24" x 24" x 36"

Floor and Step Riser



MDXR3 Anti-Entrapment Debris Drain with Canister

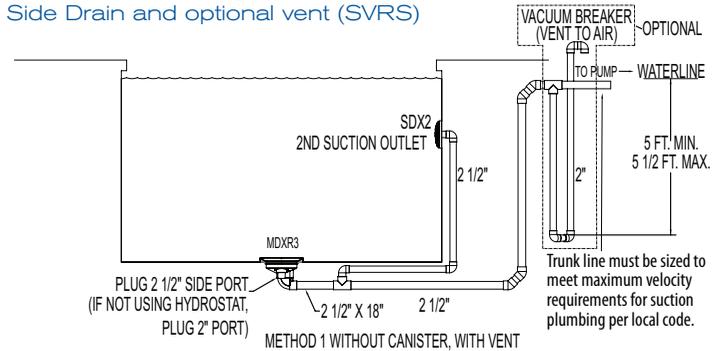
1 Side Drain and optional vent (SVRS)



See manual for additional installation instructions

MDXR3 Anti-Entrapment Debris Drain without Canister

1 Side Drain and optional vent (SVRS)

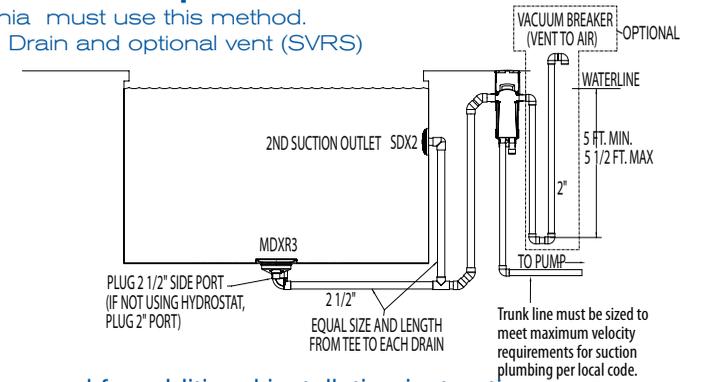


See manual for additional installation instructions

MDXR3 Anti-Entrapment Debris Drain with Canister

California must use this method.

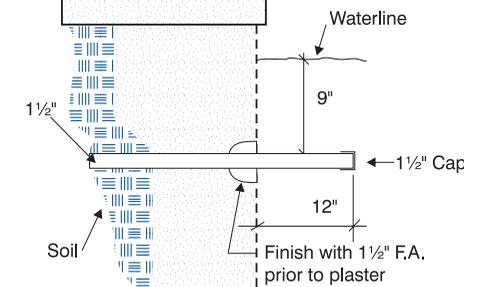
1 Side Drain and optional vent (SVRS)



See manual for additional installation instructions

Consult MDXR3 Installation Manual for Florida Method

Returns

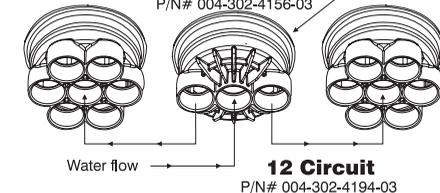


Valve Circuit Layout

6 Circuit



9 Circuit



1.800.621.5886
www.1Paramount.com
004-027-7821-00 Rev 042809 PVT0796





Rotary Nozzle Placement

1. Floor nozzle maximum cleaning radius plaster six feet.
2. Floor nozzle maximum cleaning radius pebble 5 1/2 feet.
3. Cleaning nozzles must be placed three feet from finish wall. In corners the nozzle will be two feet from one wall and three feet from the other wall.
4. 3/8" nozzles are normally used on steps & benches and have a cleaning distance of five feet. Allow a one-foot overlap for large steps and benches and steps that have a sidewall. (5/8" nozzles may be used on lower steps)
5. 1/4" nozzles should be used on top steps if possible.
6. Water flow does not bend. The area to be cleaned must be in the line of sight of the nozzle.
7. If pool has a break treat it as a wall and place nozzles on both sides of the break.
8. Cleaning nozzles in raised spas or fountains must have a check valve at the water valve.

MDXR3 Anti-Entrapment Debris Drain

9. Main drain should be plumbed in 2 1/2" pipe. Never use 90 ells, the main drain should be a minimum of seven feet from the deep end wall, nine feet is preferred.

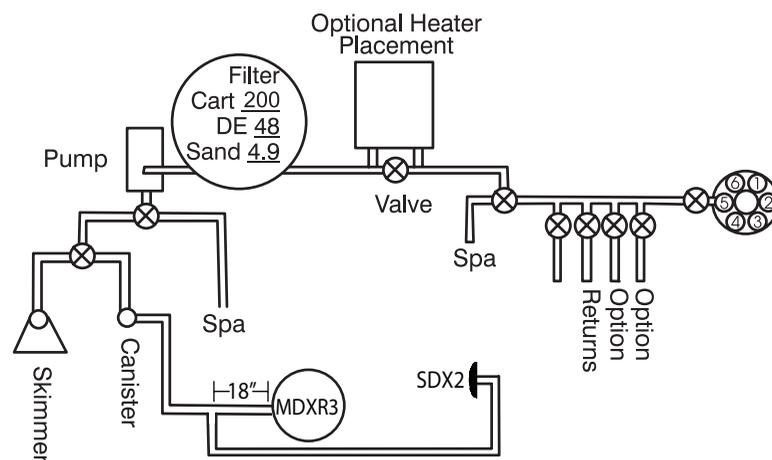
Equipment Plumbing

10. Heater must have a minimum one-inch external bypass on single pump systems or preferably a valved line.
11. Solar must have a booster pump.
12. Multi port valves, with the exception of Pac Fab's two inch #26-1055 or 52 multi port, have too much restriction and should not be used on single pump systems.

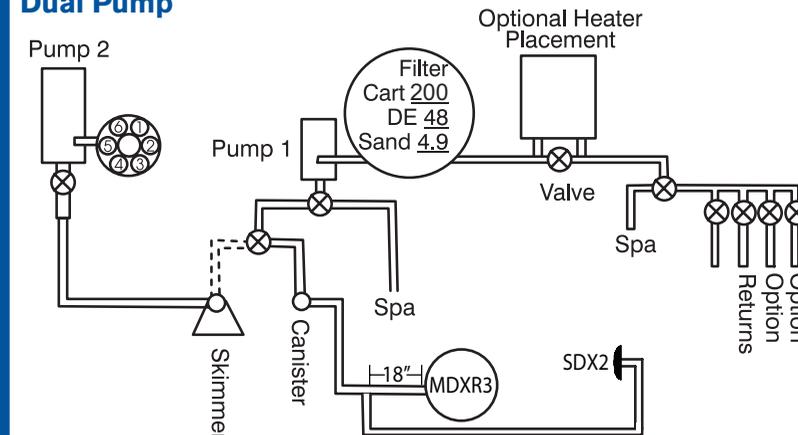
Remember:

- 60 gpm systems nozzle per floor circuit = three 5/8" nozzles/20 gpm.
- 60 gpm systems nozzle per step circuit = six 3/8" nozzles/10 gpm.
- 60 gpm systems with mixed nozzle sizes on line must add up to 60 gpm.
- 40 gpm systems nozzle per floor circuit = two 5/8" nozzles/20 gpm.
- 40 gpm systems nozzle per floor circuit = four 3/8" nozzles/20 gpm.
- 40 gpm systems with mixed nozzle sizes on line must add up to 40 gpm.

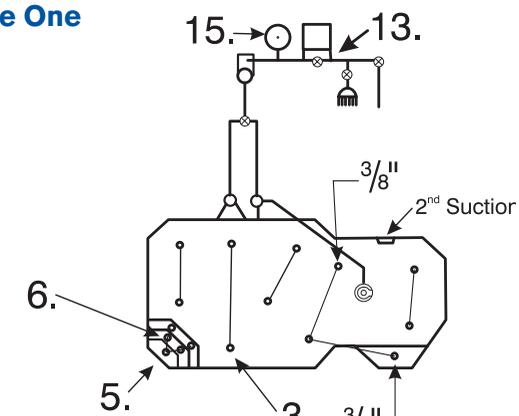
Single Pump



Dual Pump

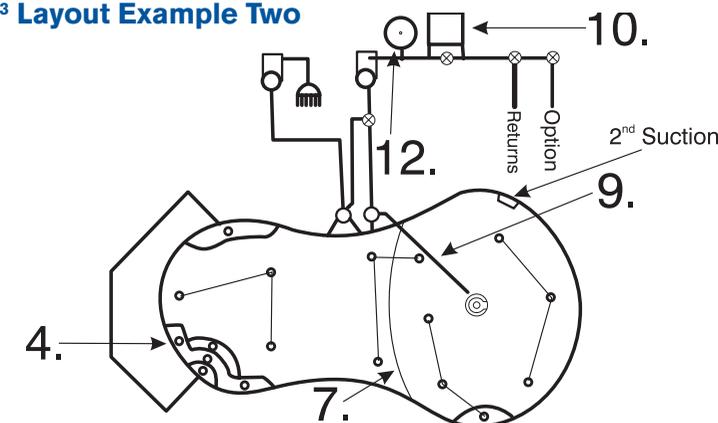


PV³ Layout Example One



*Numbers correspond to text on previous page.

PV³ Layout Example Two



*Numbers correspond to text on previous page.