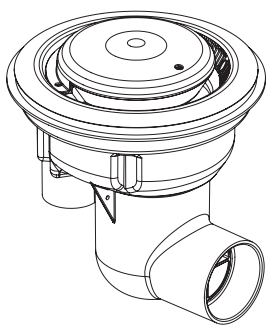


MDX-R3 Debris Drain

For Adjustable Concrete Pools

Owner's Manual



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VGB Compliant ANSI/APSP/ICC-16 2017 LISTED

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Important Safety Instructions



READ AND FOLLOW ALL INSTRUCTIONS

Give these instructions to the facility owner to keep for future reference. Follow all codes and regulations that apply to the design, installation and use of suction outlet fittings.

This Owner's Manual contains specific precautions and symbols to identify safety related information as described below. Please read them carefully and follow these precautions as indicated!

⚠ DANGER - Indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING - Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION - Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE - Is used to address practices not related to physical injury.

⚠ WARNING - MDX-R3 and SDX2 must be installed in accordance with Paramount's written instruction manual, and in conformity with applicable Federal, State, Local and Swimming pool industry building and safety codes. Any modification that increases the flow rate of the circulation system shall require reevaluation of the cover/grate and sump to ensure that the flow rating of the Suction Outlet Fitting Assembly (SOFA) is not exceeded.

⚠ WARNING - Suction Entrapment Hazard. Suction in suction outlets and/or suction outlet covers which are, damaged, broken, cracked, missing, or unsecured can cause severe injury and/or death due to the following entrapment hazards:



Hair Entrapment - Hair can become entangled in suction outlet cover.



Limb Entrapment - A limb inserted into an opening of a suction outlet sump or suction outlet cover that is damaged, broken, cracked, missing, or not securely attached can result in a mechanical bind or swelling of the limb.



Body Suction Entrapment - A negative pressure applied to a large portion of the body or limbs can result in an entrapment.



Evisceration/Disembowelment - A negative pressure applied directly to the intestines through an unprotected suction outlet sump or suction outlet cover which is, damaged, broken, cracked, missing, or unsecured can result in evisceration/ disembowelment.

Mechanical Entrapment - There is potential for jewelry, swimsuit, hair decorations, finger, toe or knuckle to be caught in an opening of a suction outlet cover resulting in mechanical entrapment.



To reduce the risk of a suction entrapment hazard:

- SOFA shall not be located on seats or the back rests for seats.
- Any modification that increases the flow rate of the circulation system shall require reevaluation of the cover/grate and sump to ensure that the flow rating of the Suction Outlet Fitting Assembly (SOFA) is not exceeded.
- Keep clear of pool and spa drains to avoid death or serious injury from suction.
- Avoid placing your hair near a pool or spa drain.
- Avoid sitting on pool or spa drains.
- Inspect pool and spa before each use to ensure that drain covers and grates are properly in place and secured.
- Ensure that drain covers are not damaged, cracked, broken, loose, clogged, not properly secured, or missing. In the case that a drain cover is discovered in any of these states, you shall close the pool or spa immediately and post a closure notice. Keep the pool or spa closed until an appropriate ANSI/APSP/ICC-16 2017 certified drain cover is properly installed.
- Do not allow limbs to contact or be inserted into a drain pipe with a damaged, loose, or missing drain cover.
- Avoid mechanical entrapment of jewelry, swimsuit, hair decorations, finger, toe, or knuckle in a drain pipe with damaged, loose, or missing drain cover.
- Do not allow body to come into contact with a drain pipe that has a damaged, loose, or missing drain cover.

⚠ WARNING - Pool & Spa Maintenance Hazards. Improper maintenance of the pool or spa system can result in severe injury or death. To reduce the risk of injury or death:

- Any field modification made to a SOFA not authorized by the manufacturer's instructions shall void the SOFA certification.
- No modification shall be made to the SOFA structure or flow path unless the new configuration has been certified as a new SOFA.
- All pool and spa drain covers may become obstructed by debris and should be cleaned periodically due to clogging from debris, such as pieces of plastic, hair, fabric, twigs, leaves, seeds, etc.
- The frequency of periodic cleaning will vary depending on the amount and type of debris introduced into the pool or spa.
- Clogging of the drain cover will increase the suction effect and increase the likelihood of death or serious injury from those hazards listed above.
- A clogged drain can negatively affect the safety of the drain.
- It is advised to have a qualified pool or spa professional perform this inspection and debris removal from the pool and spa drain covers.
- When servicing the drain cover, the pump connected to the suction must be turned off.
- Do not perform any service of the drain cover in water level above your waist.
- Use drain covers only with a pumping system rated for the corresponding flow or less. Failure to do so can result in hair or body entrapment which can cause death or serious injury. If in doubt about the rating of your system, consult a qualified pool or spa professional.
- Use only the supplied stainless-steel screws with the drain cover. Screws put into the frame anywhere except in the original screw holes will not hold and will allow the drain

cover to come off the main drain, causing an entrapment hazard. If any screw holes are stripped, loose, damaged, or have inserts missing, consult your owner's manual and installation guide for proper steps to replace, correct, or reattach the compromised drain or drain component.

- The use of adhesives or other attachment methods that prevent access to suction piping or SOFA components requiring periodic service is prohibited.

⚠ WARNING - Suction can pose a serious hazard to swimmers just as electricity can be a hazard. Both are important for proper water filtration and both must be treated with respect. Suction safety begins with a professional design that includes a quality suction system installed by a certified contractor. Certified builders will address the following issues when designing and installing a proper filtration system:

- Properly bond-grounded pumps, time clocks, switches and any other metal in or near water. This is required to address Electrical Shock Hazards.
- Design the suction piping so there are no single-point suction hazards; single-point suction (one drain) is a leading cause of Body Suction Entrapment Hazards. NOTE: Your certified builder has many effective options for addressing this hazard; they may include dual-drain systems, like MDX-R3, skimmers, gutters, negative edge features and many more products and piping designs known to professionals.
- Install ANSI/APSP/ICC-16 2017 listed drains, suction covers and debris removal systems. This is the ONLY approved option for preventing Hair Entrapment Hazards, the leading cause of suction related injuries.
- Design and install an effective circulation system (including optional cleaning systems), to direct filtered water to all areas and interior surfaces. NOTE: Suction fittings can NOT clean or direct filtered water for proper sanitation; that can only be done on the pressure (return) side of the filtration system.

⚠ WARNING - While suction injuries are extremely rare, drowning and diving injuries are far too common and there is little your certified builder can do to eliminate these hazards. You must educate yourself and your guests. Below are some important safety issues every swimmer must know and recognize.

- **Prevent Drowning:** Watch children at all times. No swimming alone.
- **No Diving In Shallow Water:** You can be permanently injured.
- **Prevent Suction Entrapment:** Inspect suction covers before swimming. Keep swimmers away from suction fittings. Protect long hair. Do not swim with loose clothing or large and dangling jewelry. For more information about the Virginia Graeme Baker Pool and Spa Safety Act, contact the Consumer Product Safety Commission at (301) 504-7908 or visit www.cpsc.gov.

⚠ WARNING - **Risk of Drowning.** Always turn off all power to the pool pump before installing the cover or working on any suction outlet.

⚠ WARNING - Cover/Grates and all other SOFA components shall be replaced at or before the end of their service life. Service life begins the month and year in which the SOFA is installed with or without water. See the Replacement Parts section at end of this manual for specific component service life notations.



- Any SOFA component that is severely faded, chalking, or brittle when flexed shall be replaced even if it has not reached its indicated service life.
- If the sump/mud ring or any screw receptacle is stripped, cracked or broken that component must be replaced.
- Any SOFA component held in place by the pool finish or concrete substrate that becomes cracked or broken; the material that holds it must be stripped from around the SOFA and new components “mudded” in place. The surface substrate must be free of deterioration and voids.

ADHERE REPLACE COVER ASSEMBLY
STICKER TO THIS PAGE

**Adhere this label to page 4 of the installation manual.
Must mark year and month of installation.**



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Replace cover assembly within (5) five years.
Replace all other components within (25) years.

MDX-R3 pool floor drain cover part #004-262-8243-XX.
Maximum GPM = 132 (500 LPM).
Circle year and month of installation.

Year	2024			2025			2026			2027			2028		
Month	01	02	03	04	05	06	07	08	09	10	11	12			

System flow rate _____
Installed location _____

001025881800/E CR101971 PUB 040224
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SAVE THESE INSTRUCTIONS

Overview

MDX-R3 System Design

These MDX-R3 instructions provide two methods to choose from, with additional methods for specific jurisdictions (California specifically but not limited to that state). Your local codes may require additional safety measures. Paramount Pool & Spa Systems and its representatives cannot recommend or endorse installation methods other than those provided in these MDX-R3 instructions. MDXR3 is a blockable SOFA and must be installed only as a multiple SOFA system as described in this installation manual.

⚠ WARNING - Maximum Pump Size. MDX-R3 is rated for a maximum of 132 GPM (500 LPM). While system flow rate will vary with pump size and the Total Head Loss for a given system, virtually any modern pump is capable of exceeding this limit, therefore it is the responsibility of the system designer to make sure it is not possible to exceed 132 GPM (500 LPM). This VGBA Suction outlet has an installation specific flow rating and this product SHALL NOT be installed on a pumping system that is capable of exceeding this limit, which varies based on the number and location of installed suction outlets. READ and FOLLOW the section of the included installation instructions explaining how to calculate the suction system flow ratings and that of the installed pumping system.

In the event that one suction outlet is completely blocked, the remaining suction outlets serving that system shall have a flow rating capable of the full flow of the pump(s) for the specific suction system.

NOTICE - The use of two 45° in place of a 90° allows for the best debris removal and minimizes large debris from getting caught in the line.

NOTICE - Plumbing an enlarged suction element to the main outlet port of the MDX-R3 sump is REQUIRED. The two options are:

1. Attach the included enlarged suction element (001250254000), which is sized at 4" spigot x 3" socket.
2. Attach a 13" minimum length of 4" pipe.

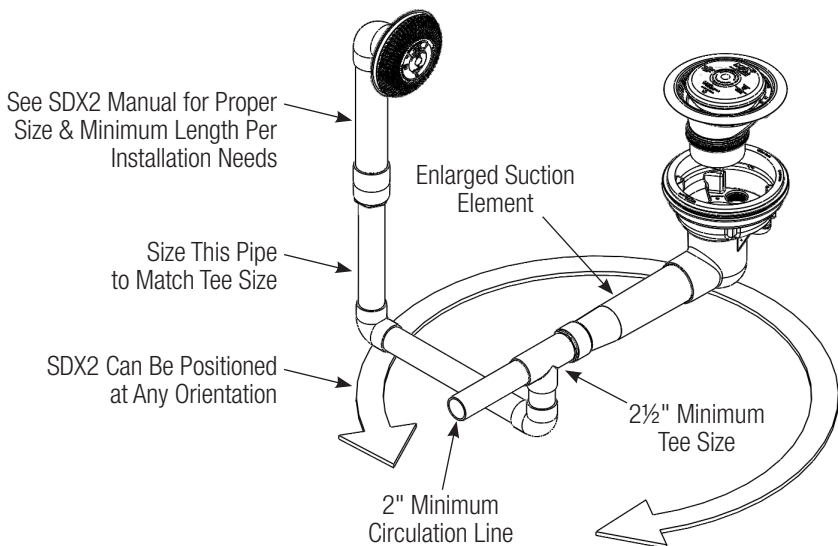
After the enlarged suction element, a reducer may be used for proper sizing of the circulation line TO MEET THE MAXIMUM VELOCITY REQUIREMENTS. Use of 2½" MINIMUM pipe throughout the suction side of the system is strongly encouraged for optimum performance.

Per ANSI/APSP/ICC-16 2017 the required plumbing size from the SDX2 to the junction tee depends on the installation method of the SDX2. Using pipe sizes under 3" for the SDX2 branch will reduce the overall system maximum flow rating. A pipe length of 16" MUST BE MAINTAINED FROM THE SDX2 drain before any size reduction can occur. Refer to the table titled SOFA SDX2 FLOW RATINGS in the SDX2 Installation Manual (004027874500) for sizing information. This manual can be found for download at <https://www.1paramount.com/support/download-manuals/> under SDX2.

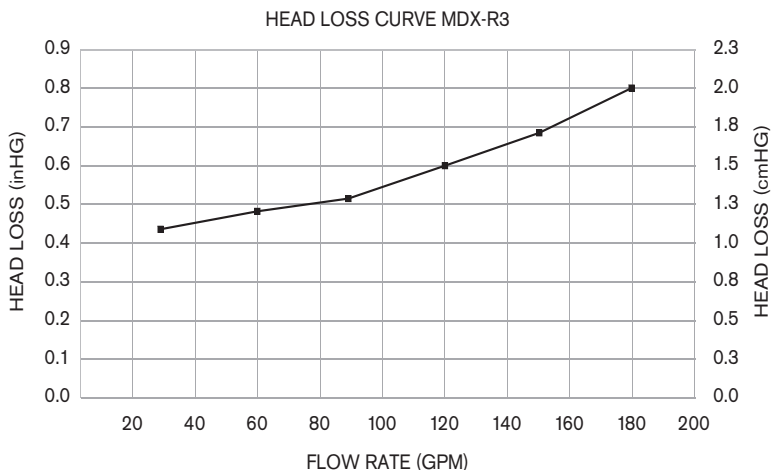
Make sure to not contaminate the large port threads of the sump with glue when installing the enlarged suction element.

Design Flow Rate = 132 GPM (500 LPM)
 Maximum GPM = 132 GPM (500 LPM)
 Velocity at 132 GPM = 1.294 FPS (0.39 MPS)

NOTICE - Velocity in suction plumbing must be designed to not exceed 6 ft./sec. per APSP-7-2006.



Head Loss Curve





Installation Method 1 - Single MDX-R3

With Canister and MV Fuse

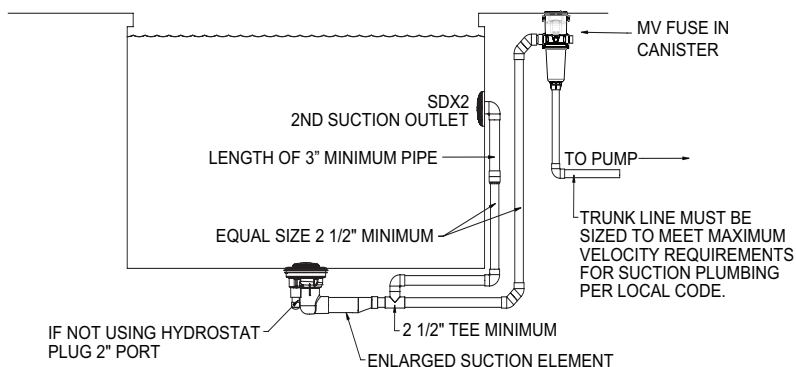


Diagram illustrating the connection of a 2nd suction outlet to a pump. The diagram shows a tank with a 2nd suction outlet (SDX2) and a pump. The connection is made using a 3" minimum pipe, which is labeled as "LENGTH OF 3" MINIMUM PIPE". The pipe is connected to the pump via a "2 1/2" TEE MINIMUM" and an "ENLARGED SUCTION ELEMENT". The pump is labeled "TO PUMP". A note states: "TRUNK LINE MUST BE SIZED TO MEET MAXIMUM VELOCITY REQUIREMENTS FOR SUCTION PLUMBING PER LOCAL CODE." Another note indicates: "IF NOT USING HYDROSTAT PLUG 2" PORT".



Diagram illustrating the connection of a 2nd suction outlet to a pump. The diagram shows a tank with a water level indicated by a dashed line. A vertical pipe, labeled "SDX2 2ND SUCTION OUTLET", extends from the tank. A horizontal pipe, labeled "LENGTH OF 3" MINIMUM PIPE", connects the vertical pipe to a horizontal trunk line. The horizontal pipe is labeled "EQUAL SIZE 2 1/2" MINIMUM". The trunk line is labeled "TRUNK LINE MUST BE SIZED TO MEET MAXIMUM VELOCITY REQUIREMENTS FOR SUCTION PLUMBING PER LOCAL CODE." and leads "TO PUMP". A plug is shown on the bottom of the vertical pipe, labeled "IF NOT USING HYDROSTAT PLUG 2" PORT". A "2 1/2" TEE MINIMUM" is shown connecting the horizontal pipe to the trunk line. An "ENLARGED SUCTION ELEMENT" is shown at the end of the horizontal pipe.

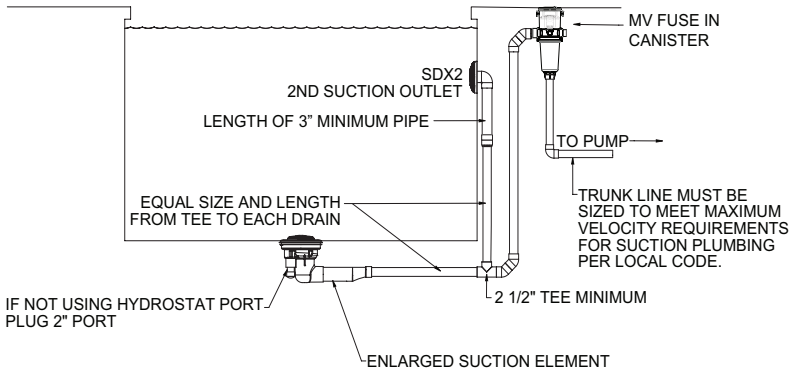


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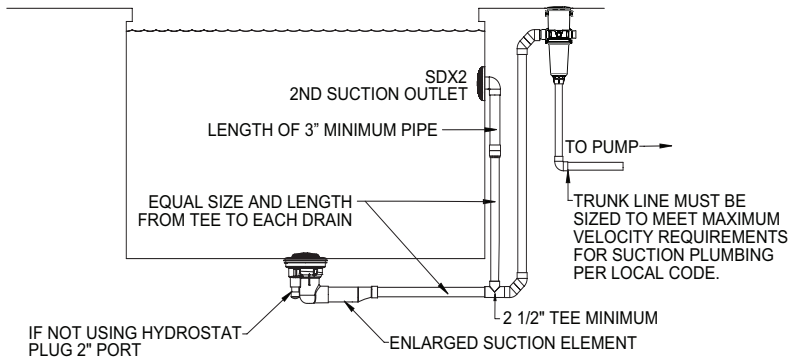
Installation Method 1 For California

NOTE: Canister requires 1½" equalizer line through pool wall (Not Shown).

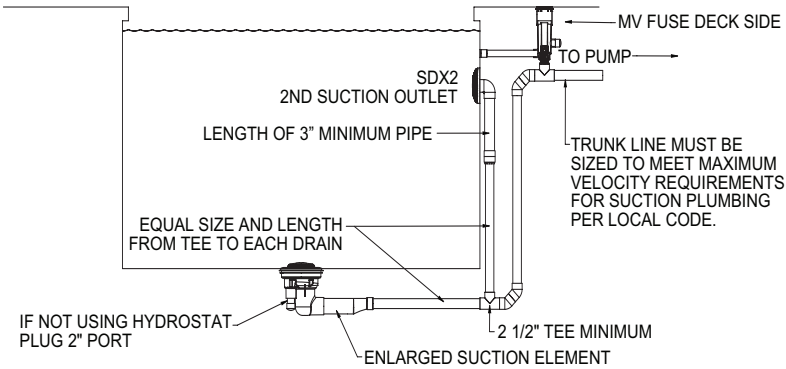
With Canister and MV Fuse



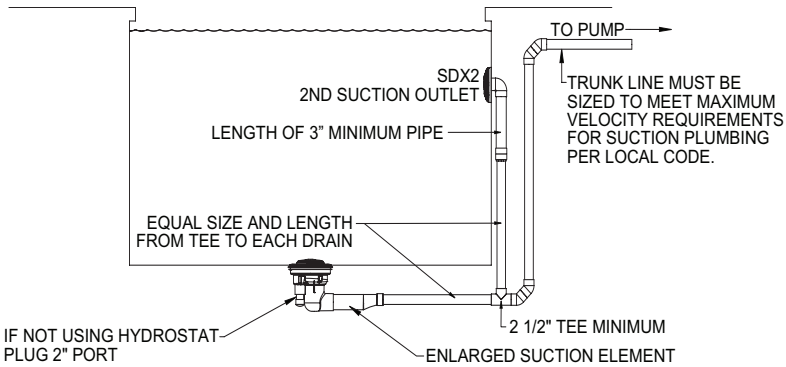
With Canister and No MV Fuse



With Deck Canister and MV Fuse



Without Canister or MV Fuse





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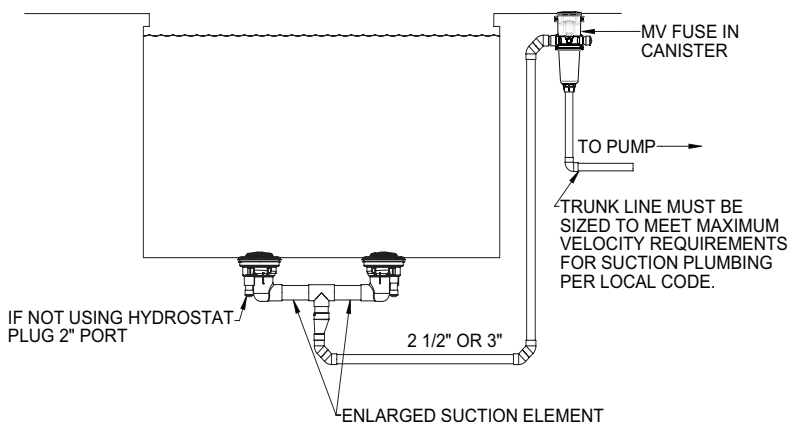
Installation Method 2 - Dual MDX-R3

Note: Canister requires 1½" equalizer line through pool wall (Not Shown).

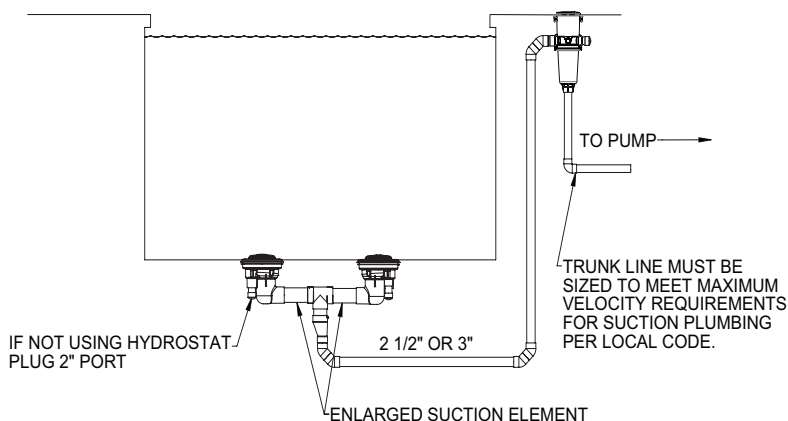
Note: Drains 3' separation edge to edge with supplied fittings approximately 50" center to center.

⚠ DANGER - MDX-R3 two pack drain installations require the use of all plumbing connections provided to ensure drain is set 3' apart at the inside edge. Do not add or remove any fittings from the assembly before the reduction after the enlarged suction element.

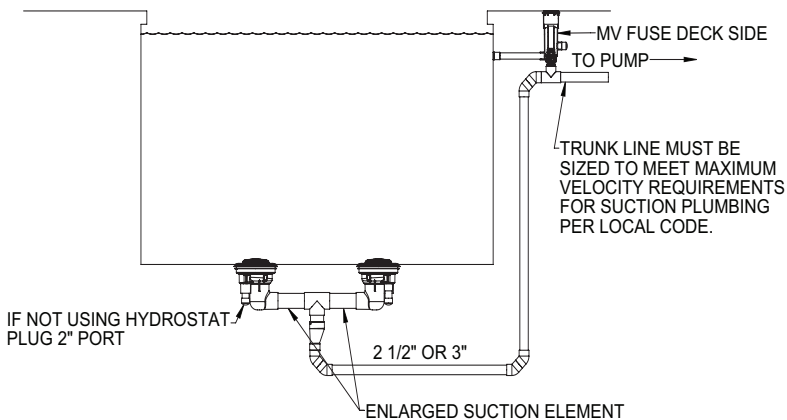
With Canister and MV Fuse



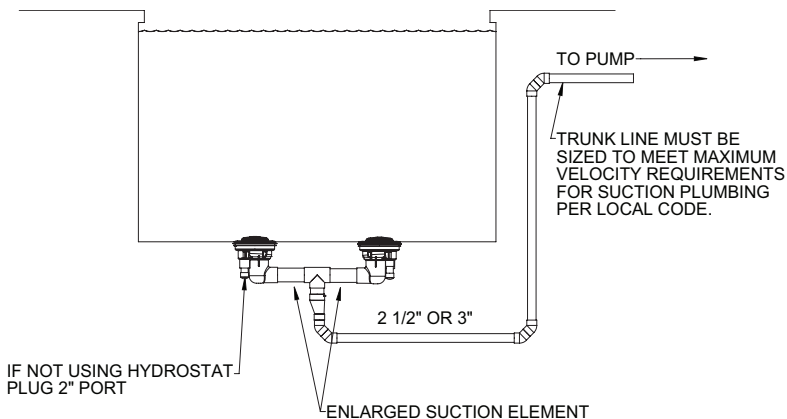
With Canister and No MV Fuse



With Deck Canister and MV Fuse



Without Canister or MV Fuse

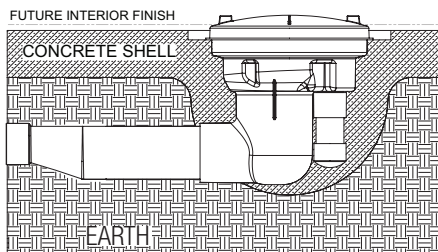




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MDX-R3 Plumbing

1. Position the top edge of the MDX-R3 sump 1" below the finished depth of the pool, spa, or a basin as shown below. Finish concrete to top edge of construction cap. Orientate the sump so the elbow is perpendicular to inside wall or end wall of pool.



2. Position the REQUIRED SDX2 High Flow Safety Drain® on a sidewall of the pool below water level (if pool will be winterized, place it high enough to reach from the deck). Option: The SDX2 High Flow Safety Drain may be positioned on the floor a MINIMUM of three (3) feet away from any other Suction Outlet.

Hydrostatic Fitting

The hydrostatic port inside the MDX-R3 Sump is equivalent to a 2" Threaded Female Adapter and a 2" Slip Fitting Outside the MDX-R3 Sump. This port is for the purpose of a hydrostat only. Paramount recommends the use of the 2" thread plug provided. Do not use check valves that are prone to sticking open as it causes the need to open the drain cover, exposing a suction risk. If a hydrostat is not used, plug this port from bottom with pipe and cap. **Do not install any suction equipment (pump) to this port.**

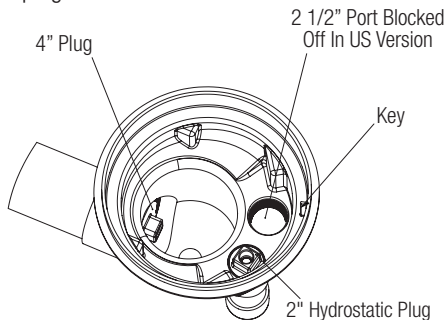
MDX-R3 Pressure Testing

IMPORTANT: Read before installation - new style test plug.

The 4" pressure test plugs (005252161000) use an O-Ring to make the seal.

Wrap once with Teflon tape to prevent plastic threads from binding. Insert plug into threaded socket. Use an adjustable wrench, a 1½" 12 pt socket or pliers on lug and tighten by hand until snug. Over tightening may cause parts to break.

Pressure should remain on the system through construction until interior cleanup.



⚠ WARNING - Release pressure on the system before removing plugs.



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SDX2 Concrete Installation

The SDX2 High Flow Safety Drain® installed in a concrete shell utilizes a small cutout in the concrete to form the sump, which is sometimes made of plastic or fiberglass. This concrete sump provides superior shell strength by eliminating the large hole associated with plastic sumps. The water seal is formed against the suction pipe in the same way a water tight seal is formed with return pipes. The concrete cutout is typically eleven (11) inches wide, by two (2) inches deep, with a finger size cutout around the pipe to allow room for a watertight seal (See Fig. 1).

Rebar Steel (Fig. 3)

Concrete reinforcing steel should be kept 3" away from all pipe and fittings.

Concrete Shell Sump (Fig. 1)

Form a concrete sump around each suction pipe.

Concrete Shell Preparation (Fig. 2)

Prior to installing the interior finish, cut each SDX2 riser pipe approximately 1" behind the concrete shell's surface.

NOTICE - Suction Safety Standards require that main drain grates used to cover concrete sumps must have the suction pipe cut at least 1-½ times the pipe diameter behind the drain cover. This is to allow room for even water flow through all drain cover holes. This is not necessary with the SDX2 drain because the Patented Design provides uniform suction regardless of pipe location. However, if the pipe is too close to the surface, it may restrict water flow to the pump and reduce hydraulic efficiency, but does not pose a suction safety hazard.

NOTICE - Per ANSI/APSP/ICC-16 2017, the required SDX2 plumbing size for a desired flow rate depends on installation method of the SDX2. Refer to the table titled SOFA SDX2 FLOW RATINGS on page 6 of the SDX2 Installation Manual (004027874500) for sizing information. This manual can be downloaded at <https://www.1paramount.com/support/download-manuals/> under SDX2.

Fig. 1

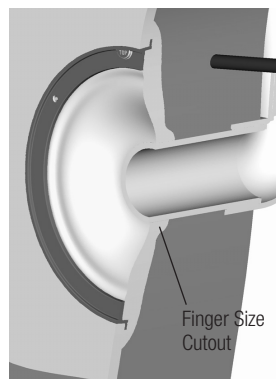
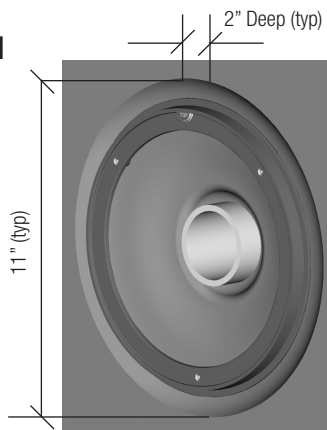
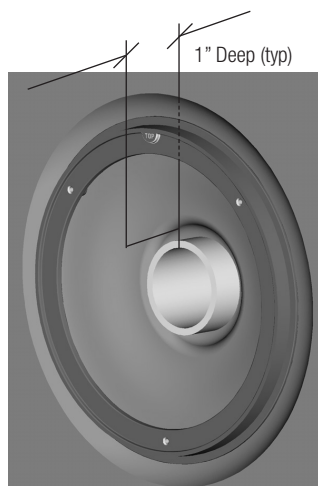


Fig. 2

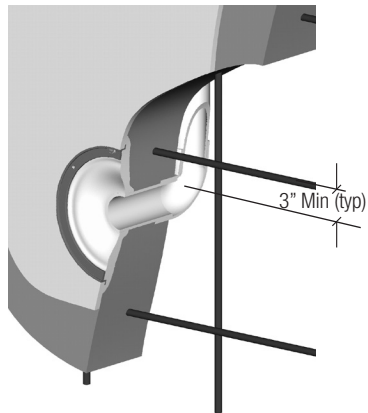


NOTICE - DO NOT USE POWER TOOLS TO INSTALL FASTENERS. Start all fasteners by hand to prevent cross threading.

Concrete Ring Installation (Fig. 3)

1. Apply interior finishing material.
2. Position the SDX2 Concrete Ring with the semi-circle tab located at the top, then press the ring into finishing material.
3. Trowel the finishing material around outside and inside of the SDX2 Concrete Ring.
4. Form a watertight seal around the suction pipe.
5. Wipe away any finishing material that remains on the SDX2 Concrete Ring's top edge and mounting surface.

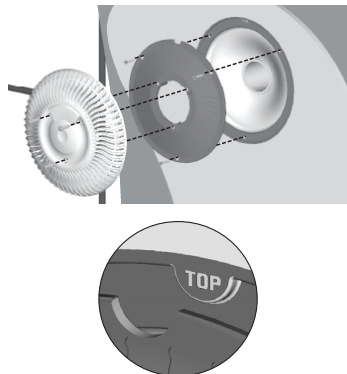
Fig. 3



Concrete Cover Assembly (Fig. 4)

1. Align the SDX2 Concrete Support with the alignment tab located on the SDX2 Concrete Ring.
2. SOFA components and fastener receptacles shall be clean and free of debris and obstruction during installation of cover/grate fasteners.
3. Install three (3) machine screws through the SDX2 Concrete Support. Secure the screws without over tightening to 18 in-lbs.
4. Align the SDX2 Cover with the SDX2 Support holes.
5. Install three (3) security screws through the SDX2 cover. Secure screws to 14 in-lbs.
6. After securing each SOFA component, hand check that it is snug to the sump/frame before proceeding to the next component.

Fig. 4





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Steel and Concrete Installation

Keep rebar 3" away from MDX-R3 sump (Fig. 5)

1. To allow the sump to be fully encased in concrete, clear dirt to completely expose the sweep elbow (See Fig. 6).
2. Pack concrete around and under sump (See Fig. 6) to ensure seal and strength of shell.
3. Angle shell down to MDX-R3 sump (See Fig. 6).
4. Make cut-out around MDX-R3 sump. 17-1/4" round by 3/4" deep to water stop down (See Fig. 7 and Fig. 9).

Fig. 5 (MDX-R3 Debris Removal System Standard Pool/Spa/Basin Design Steel Cage)

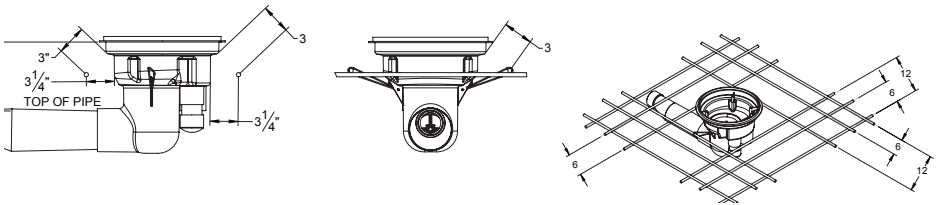


Fig. 6

FUTURE INTERIOR FINISH

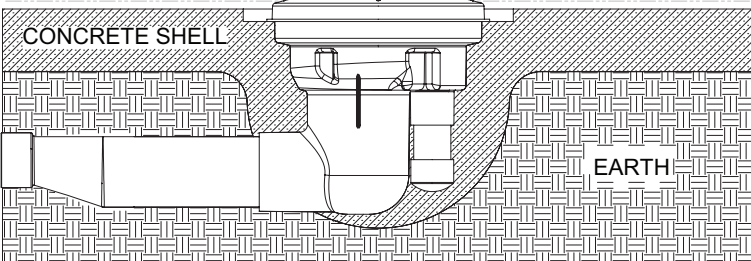
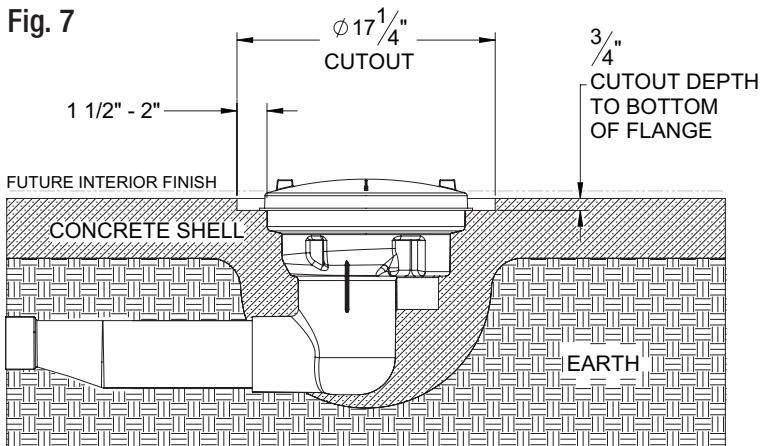


Fig. 7



Plaster Ring Installation

The Concrete Ring should be attached to the MDX-R3 Sump prior to finishing the interior surface of the pool, spa, or basin.

1. Remove all plugs before starting final finish application. Use an adjustable wrench or pliers to remove 4" plug. Set the leveling ring at final finish.
2. Align the Leveling Ring Keyway with the Sump Alignment Key (See Fig. 8).
3. Adjust the elevation and the angle of the Leveling Ring to align it with the finished interior surface of the pool, spa, or basin.
4. Use a sealing compound compatible with the interior surface to lock the Concrete Ring in place and to provide a water-tight seal.

*Sealing compound example: Topping Mix Cement, hydraulic cement, and Thoro Acryl® 60 by Chem-Rex® or equivalent.

Fig. 8

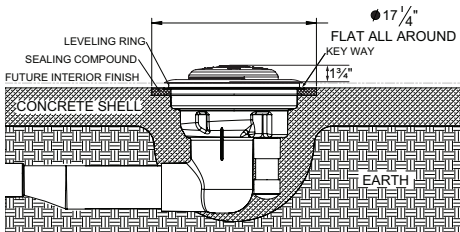
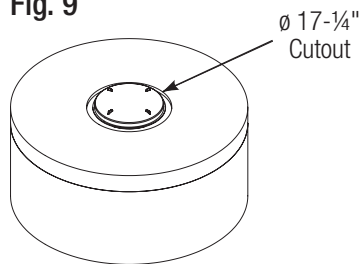


Fig. 9



Assemble the drain PRIOR TO ADDING WATER

NOTICE - DO NOT USE POWER TOOLS TO INSTALL FASTENERS. Start all fasteners by hand to prevent cross threading. The installed cover/grate shall not protrude more than 2" (51mm) from the finish surface of the pool in which the SOFA is installed.

Refer to the parts table on page 19 of this manual to complete the following steps.

1. Remove 4" pressure plug.
2. SOFA components and fastener receptacles shall be clean and free of debris and obstruction during installation of cover/grate fasteners.
3. Install funnel assembly (Item #3) onto leveling ring (Item #5) and secure with 4 (four) security screws (Item #2) with T25 security screwdriver (Item #14). Secure self-threading screws to 14 in-lbs on initial install and 10 in-lbs for subsequent insertions.
4. Install the cover (Item #1) onto the funnel assembly (Item #3) and secure with 3 (three) security screws (Item #2). Secure self-threading screws to 34 in-lbs on initial install and 20 in-lbs for subsequent insertions.
5. After securing each SOFA component, hand check that it is snug to the sump/frame before proceeding to the next component.



Winterization

With Canister

If vacuum relief suction outlets are located below freeze line, skip steps 1 and 2.

1. Remove grate from wall drain and install a 13- $\frac{3}{4}$ blow through plug and blow line to achieve airlock.
2. If third suction line is installed, remove grate and install a 13- $\frac{3}{4}$ blow-through plug and blow line to achieve airlock.
3. If vent tube is installed, install blow through plug and blow line to achieve airlock. Repeat vacuum out canister. For winterizing canister, visit www.1Paramount.com and click on winterization instructions.

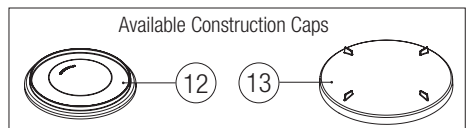
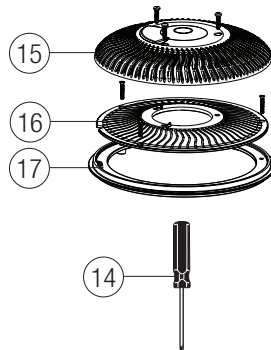
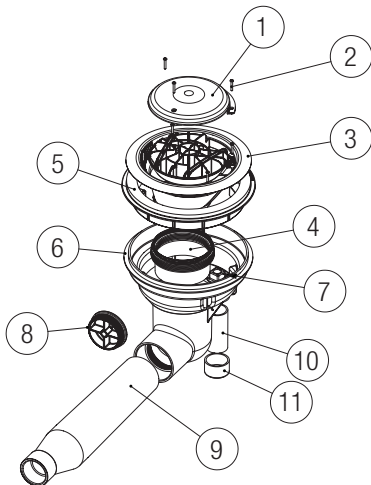
Without Canister

If vacuum relief suction outlets are located below freeze line. skip steps 1 and 2.

1. Remove grate from wall drain and install a 13- $\frac{3}{4}$ blow through plug and blow line to achieve airlock.
2. If third suction line is installed, remove grate and install a 13- $\frac{3}{4}$ blow-through plug and blow line to achieve airlock.
3. If vent line is installed in main suction line, plug vent line and install blow through plug in pump inlet and blow line to achieve airlock.
4. Blow vent line to achieve airlock.

Replacement Parts

MDX-R3 with SDX2 for Concrete Pools



Item	Part Number	Description	Item	Part Number	Description
**1	0052522110XX	Cover (XX = Color Code)	*10	Not Included	2" Pipe - Cap if not used
**2	005262084000	Screw Pack (7pcs) 316 SS	*11	Not Included	2" Cap - Cap if not used
**3	0052528234XX	Funnel Assembly	*12	005262115300	Plaster Cap
**4	005252104500	Funnel Adapter	13	005262115000	Sump Construction Cap
***5	005262204500	Leveling Ring	14	005252089500	T25 Security Screwdriver
***6	004262202700	Sump	**15	0055252097XX	SDX2 High Flow Safety Drain
7	005252160500	2" Plug NPT (6pcs)	**16	005252206600	SDX2 Support Concrete
8	005252161000	4" Plug with O-Ring	***17	005252205000	SDX2 Ring Concrete
9	005252254000	Enlarged Suction Element			

* Not part of MDX-R3

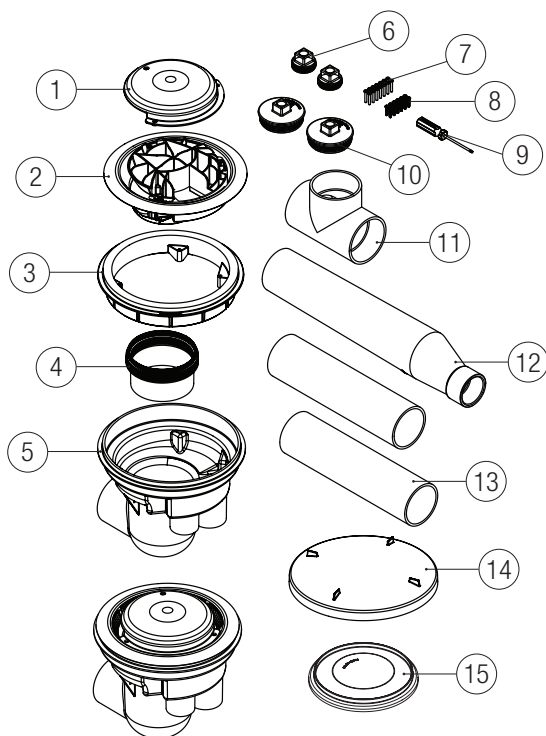
** Replace cover within 5 installed years.

*** Replace all other components within 25 installed years.



Paramount®

MDX-R3 2 Pack for Concrete Pools



Item	Part Number	Description	Item	Part Number	Description
**1	0052522110XX	Cover (XX = Color Code)	9	005252089500	T25 Security Screwdriver
**2	0052528234XX	Funnel Assembly	10	005252161000	4" Plug with O-Ring
***3	005262204500	Leveling Ring	11		4" Tee
**4	005252104500	Funnel Adapter	12	005252254000	Adapter Reducer
***5	004262202700	Sump	13		17" PVC Pipe
6	005252160500	2" Threaded Plug	*14	005262115000	Sump Construction Cap
7	005262084000	Screw Pack (7pcs) 316 SS	*15	005262115300	Plaster Cap
8		Screw Pack (12pcs) 316 SS			

* Not part of MDX-R3

** Replace cover within 5 installed years.

*** Replace all other components within 25 installed years.

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HAYWARD® Pool Products Limited Warranty

Hayward Pool Products, Inc., warrants the components of this product to be free from defects in materials and workmanship during the warranty period. Please visit <https://hayward.com/support/resources/warranty> for product warranty details.

The limited warranty excludes damage from freezing, negligence, improper installation, improper use or care, Acts of God or as specified in installation and operations manual. Parts that fail or become defective during the warranty period shall be repaired or replaced, at our option.

Proof of purchase is required for warranty service. In the event proof of purchase is not available, the manufacturing date of the product will be the sole determination of the purchase date.

To obtain warranty service, please contact the place of purchase or the nearest Hayward Authorized Service Center. For assistance on your nearest Hayward Authorized Service Center, please visit us at <https://hayward.com/dealerlocator>.

Hayward shall not be responsible for cartage, removal, repair or installation labor or any other such costs incurred in obtaining warranty replacements or repair.

The Hayward Pool products warranty does not apply to components manufactured by others. For such products, the warranty established by the respective manufacturer will apply.

The express limited warranty above constitutes the entire warranty of Hayward Pool Products with respect to its pool products and is in lieu of all other warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose. In no event shall Hayward Pool products be responsible for any consequential, special or incidental damages of any nature.

Some states do not allow a limitation on how long an implied warranty lasts, or the exclusion of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Hayward Industries, 1415 Vantage Park Dr., Suite 400, Charlotte, NC 28203

***Supersedes all previous publications**

Register your product at <https://hayward.com/support/resources/warranty/product-registration>

For further information or consumer
technical support, visit our website at
www.1Paramount.com



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