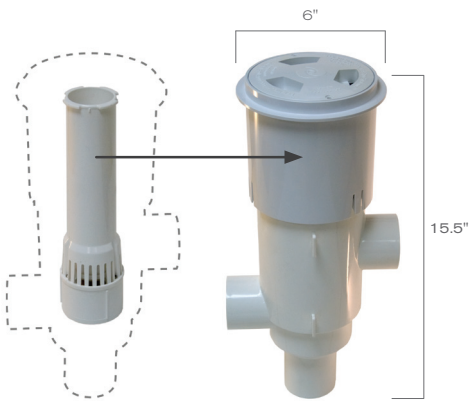


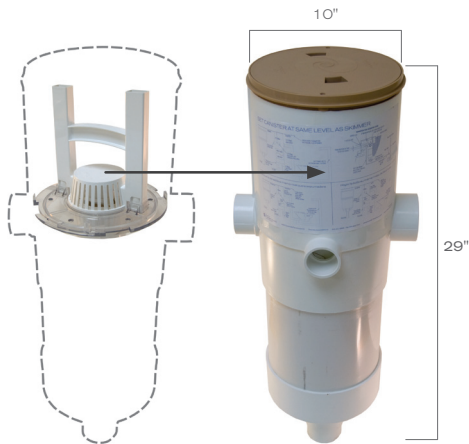


MVFUSE

MAGNETIC VACUUM RELEASE



DECK-SIDE MVFUSE



IN-CANISTER MVFUSE

MVFUSE QUESTIONS AND ANSWERS

Q
A

WHAT IS THE MVFUSE AND WHY IS ONE NECESSARY FOR A POOL?

MVFUSE IS A SAFETY VACUUM RELEASE SYSTEM (SVRS). SVRS DEVICES ARE INTENDED TO BE UTILIZED ON POOL, SPA, HOT TUB, AND OR THERAPY UNIT SUCTION SYSTEMS, AND ARE DESIGNED TO RELIEVE HIGH VACUUM OCCURRENCES THAT CAUSE HUMAN BODY OR BODY PART SUCTION ENTRAPMENT. IN ORDER TO BE COMPLIANT WITH THE VIRGINIA GRAEME BAKER POOL AND SPA SAFETY ACT (VGB), SVRS'S MUST BE TESTED AND LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) TO CONFORM TO THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A112.19.17 STANDARD. MVFUSE EXCEEDS THESE REQUIREMENTS.

Q
A

WHEN MIGHT THE MVFUSE BE REQUIRED?

VGB PROVIDES SOME MINIMUM FEDERAL GUIDELINES FOR WHEN AN SVRS DEVICE IS REQUIRED. ADDITIONALLY, CURRENT INTERNATIONAL CODE COUNCIL STATES THAT ALL POOLS, BOTH COMMERCIAL AND RESIDENTIAL, SHOULD INCLUDE SVRS EQUIPMENT AS AN ADDITIONAL LAYER OF PROTECTION. MANY STATE AND MUNICIPAL BUILDING CODES REQUIRE THAT ALL POOLS AND SPAS BUILT INCLUDE A LISTED SVRS DEVICE. INCLUDING AN SVRS DEVICE LIKE THE MVFUSE, IN CONJUNCTION WITH PROPERLY SIZED AND INSTALLED POOL AND SPA SUCTION OUTLETS, IS CONSIDERED THE BEST METHOD FOR AVOIDING SUCTION ENTRAPMENT.

Q
A

HOW DOES THE MVFUSE WORK TO AVOID A POSSIBLE OCCURRENCE OF SUCTION ENTRAPMENT?

THE MVFUSE IS A MAGNETIC SAFETY VACUUM RELEASE SYSTEM (SVRS) DEVICE THAT USES A SPECIAL RARE-EARTH MAGNET TO ACT AS A CLAMP IN A RELIEF VALVE. THE MVFUSE IS PLACED IN THE ADR LEAF CANISTER OR SMALL IN-DECK HOUSING WHICH IS CONNECTED TO THE DRAIN SUCTION LINE. IF THE DRAIN IS COVERED, THE MVFUSE OPENS AND ALLOWS AIR INTO THE SUCTION LINE PIPE. THIS RELEASES THE SUCTION AT THE DRAIN COVER WITHIN A FRACTION OF A SECOND.

Q
A

WHY IS THE MVFUSE ONE OF THE FASTEST ACTING SAFETY VACUUM RELIEF SYSTEMS AVAILABLE TODAY?

THE CLOSER THE SVRS IS LOCATED TO THE SUCTION INLET, DRAIN, THE QUICKER IT REACTS TO THE BLOCKAGE TO PREVENT ENTRAPMENT. THE MVFUSE IS PLACED AT THE POOL SIDE, NOT BACK AT THE POOL PUMP LIKE OTHER SVRS DEVICES, POSITIONING IT MUCH CLOSER TO THE LOCATION OF A POSSIBLE SUCTION ENTRAPMENT OCCURRENCE.

MVFUSE

MAGNETIC VACUUM RELEASE



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IF THE MVFUSE IS ACTIVATED WILL IT HURT MY OTHER POOL EQUIPMENT?

WHEN THE MVFUSE IS ACTIVATED IT ALLOWS AIR AND A SMALL AMOUNT OF WATER TO ENTER THE RELIEF VALVE. THIS WATER IS ENOUGH TO KEEP THE PUMP FROM BEING DAMAGED BY KEEPING IT FROM RUNNING DRY. EVEN IF THE MVFUSE ACTIVATES WHEN NO BLOCKAGE IS PRESENT YOU WILL ONLY SEE A DECREASE IN PERFORMANCE OF THE PUMP AND AN ELEVATED NOISE LEVEL.

Q
A

HOW DO I RESET THE MVFUSE?

TO RESET THE MVFUSE REMOVE IT FROM ITS DECK-SIDE CONTAINER, TURN IT UPSIDE DOWN AND LET GRAVITY RESET THE PLUNGER OR PUSH THE EXTENDED PIN IN UNTIL IT IS FLUSH WITH THE BOTTOM OF THE DEVICE.

Q
A

I HAVE TWO DRAINS AND THAT MEETS THE SAFETY CODE, SO WHY SHOULD I USE THE MVFUSE?

MVFUSE PROVIDES AN ADDITIONAL LAYER OF ANTI-ENTRAPMENT PROTECTION. EACH LAYER OF ENTRAPMENT PROTECTION ON YOUR POOL HELPS TO INSURE THE SAFEST POOL POSSIBLE FOR YOUR FAMILY AND FRIENDS, JUST LIKE A CAR MAY HAVE SEAT BELTS, SHOULDER HARNESS, AIR BAGS, AND COLLISION AVOIDANCE SENSORS.

Q
A

CAN THE MVFUSE BE INSTALLED ON MY OLDER POOL SO I CAN HAVE THE EXTRA SAFETY MY FAMILY DESERVES?

IF YOU HAVE A PARAMOUNT ADR LEAF CANISTER ON YOUR POOL THEN THE MVFUSE CAN EASILY BE ADDED TO YOUR POOL.

Q
A

IS THE MVFUSE A COSTLY ITEM TO ADD TO A NEW POOL?

THE MVFUSE IS THE LEAST EXPENSIVE AND MOST EFFECTIVE SVRS AVAILABLE TODAY.

Q
A

CAN THE MVFUSE BE ADDED TO MY EXISTING POOL?

THERE ARE SOME CIRCUMSTANCES WHERE THE MVFUSE CAN BE ADDED TO AN EXISTING POOL. IF THE POOL IS BEING REMODELED AND THE DECK IS REMOVED IT IS SIMPLE TO ADD. JUST CORE DRILL THE WALL ABOVE THE LOCATION OF THE DRAIN SUCTION LINE AND CONNECT TO THE PIPE AS CLOSE TO THE POOL AS POSSIBLE. IF THE DECK IS NOT REMOVED YOU MAY INSTALL IT OUTSIDE THE DECK IF THE LOCATION OF THE DRAIN SUCTION LINE IS IN A POSITION WHERE THE DECK IS NARROW ENOUGH WHERE A PIPE CAN BE TUNNELED UNDER THE DECK. DO NOT INSTALL WHERE THE CANISTER WILL BE TOO FAR AWAY FROM THE POOL TO ENSURE THE BALANCE LINE CAN BE PLUMBED STRAIGHT AND LEVEL.