



Park International Corp.

NEW FOR 2000

Fittings and Accessories



PARK TANKS are designed for use in all potable water applications.

The materials used will not corrode and offer excellent chemical resistance to a wide range of solutions. Please see our Tank Product brochure for detailed resistance properties of tank liners.

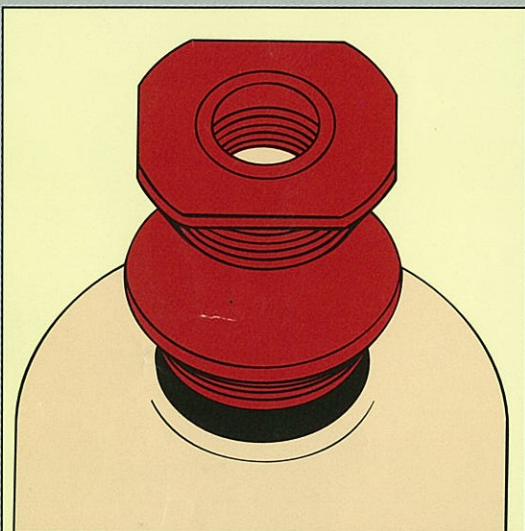
PARK FITTINGS AND ACCESSORIES are designed to complement the PARK tank line and make design options economical and flexible. Injection molded and machined PVC parts are available to suit your requirements.

In this brochure, we show basic parts that are suitable for a wide range of applications; all are in stock for immediate shipment. It is not possible to illustrate the complete range of options; please call PARK or your distributor to discuss special requirements.

Fittings and Accessories cover three main functions:

CLOSURES and ADAPTERS

To offer a choice of external connections to standard tank openings.



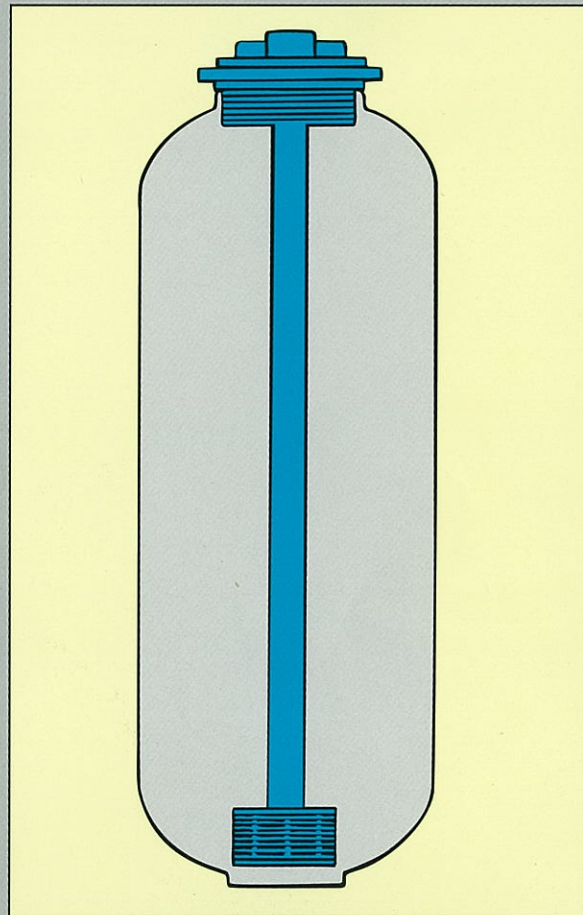
PORTABLE EXCHANGE ASSEMBLIES

Manifolds, screens and quick disconnects for portable exchange applications.



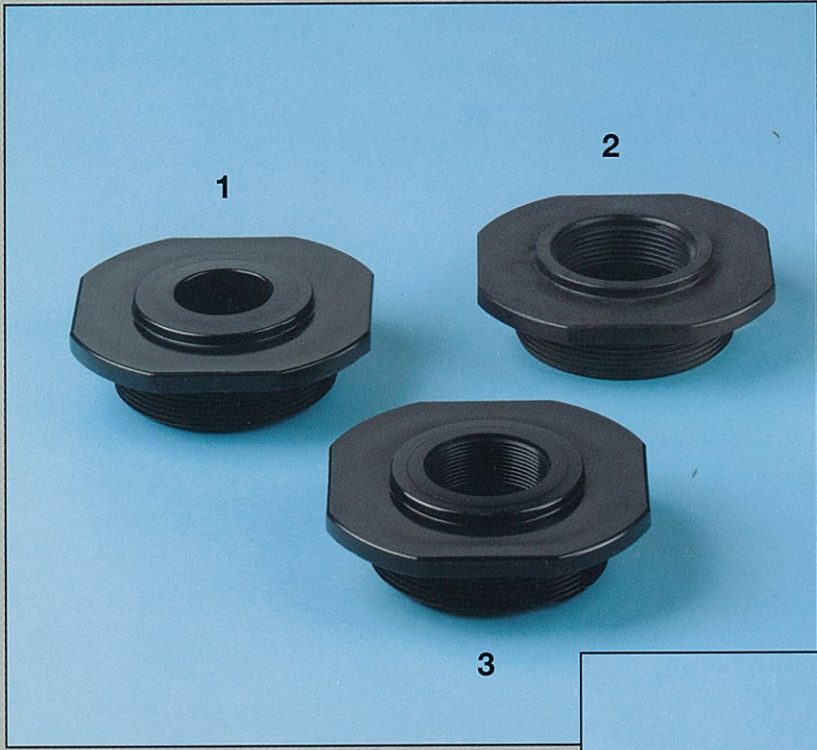
DISTRIBUTION SYSTEMS

Inlet screens and baffles; outlet stacked screens, hub and lateral assemblies. For both top mount and side mount valve designs.

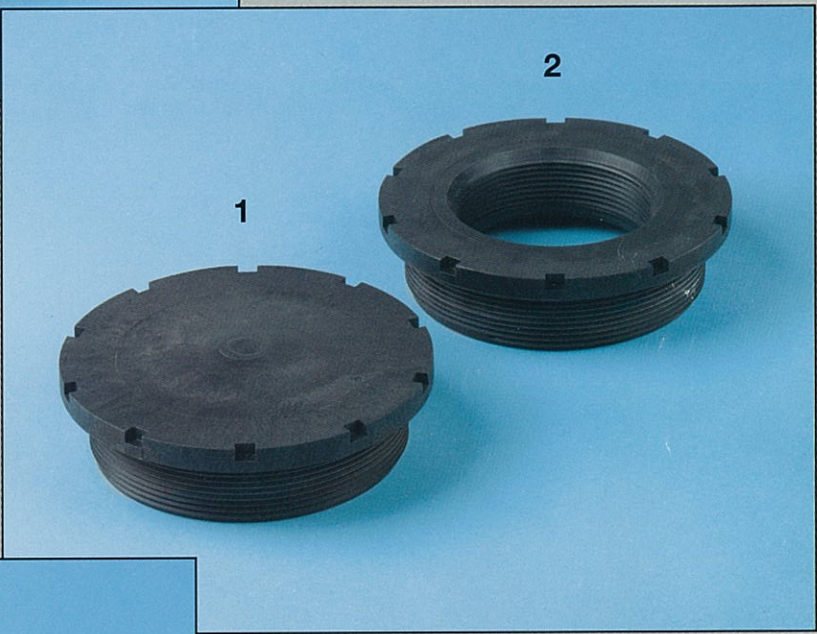


The parts offered do not need to be categorized as above and can be used where appropriate to your requirements. For this reason, we have organized the pages as follows:

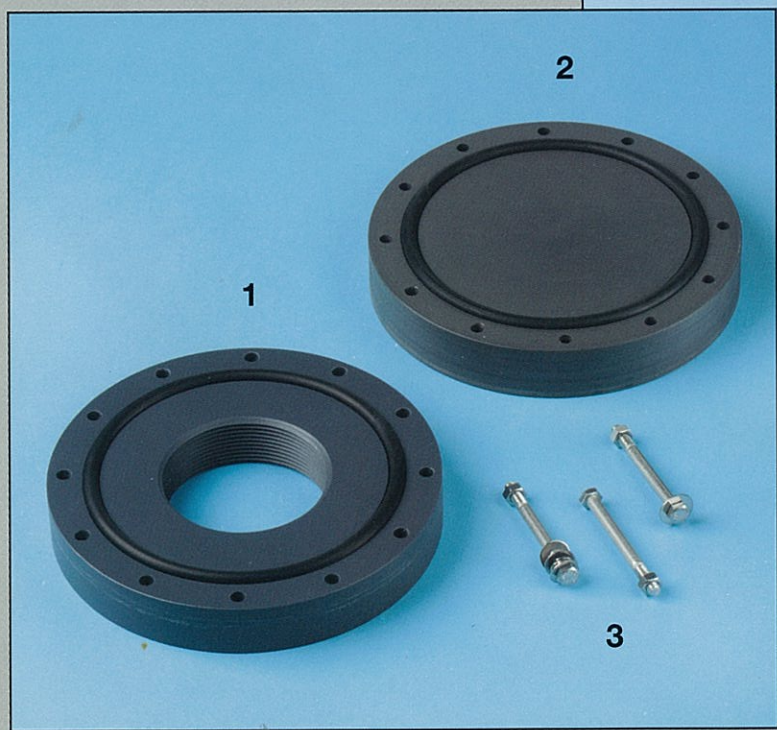
- Page 3 Closures and adapters. 4.5" B, 6.0" UN, flange openings
- Page 4-5 Manifolds and screens for tanks with 2-1/2" NPSM openings
- Page 6 Manifolds and screens for tanks with 4.5" buttress openings
- Page 7-12 Manifolds and screens for tanks with 4.0" UN, 4.5" B, 6.0" UN, and flange openings. Assembly illustrations.
- Page 13-14 Flow charts assuming NO media.
- Page 15-16 Portable exchange.



- 1 **TA-4515S** 4.5" Buttress to 1.5" slip or 2.0" slip
 - 2 **TA-4525** 4.5" Buttress to 2-1/2" NPSM
 - TA-4025** 4.0" UN to 2-1/2" NPSM
 - 3 **TA-4520T-BSP** 4.5" Buttress to 2" npt external, with 2" BSP internal
- Injection molded ABS glass-filled option.



- 1 **TC60** 6.0" UN Closure
 - 2 **TA-6040** 6.0" UN to 4.0" UN Adapter
- Injection molded glass-filled ABS or Noryl.



- 1 **TA-6040-FL** Adapter Flange to 4.0" UN
 - 2 **TC60-FL** Closure Flange
 - 3 **X-BS-FL12** Stainless bolt set
- Machined PVC

MANIFOLDS FOR 2-1/2" NPSM TANK THREADS



XWPE-50IS Manifold
 Inlet screen option
 3/4" npt external
 3/4" fill port w/cap
 Riser dia.: 1/2", 13/16" Offset
 Slot clearance: .012"
 Material: ABS



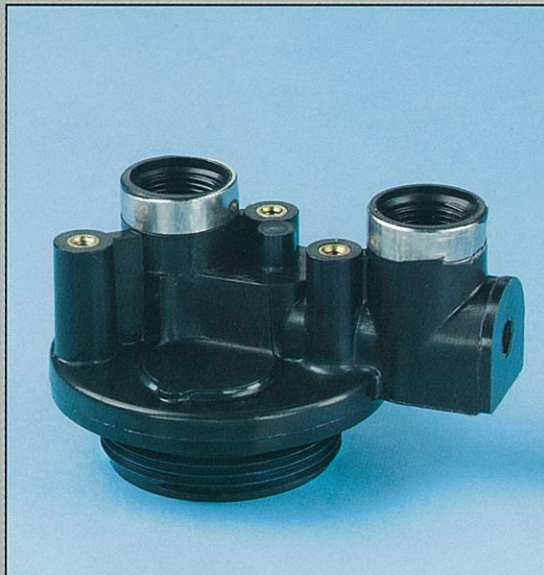
X-PI25-3IS Manifold
 Inlet screen option
 3/4" npt external
 3/4" fill port w/cap
 Stainless inlet ring
 Portable exchange applications
 Riser dia.: 1/2", 13/16" Offset
 Slot clearance: .012"
 Material: ABS



X-KSH-75 Manifold
 Removable inlet screen
 Tank access from top cap
 3/4" npt external
 Riser dia.: 1/2", 13/16", 3/4" Center
 Slot clearance: .0086"
 Material: Polypropylene



X-WPCH-50BAS Manifold ✓
 3/4" npt external
 Threaded inlet screen
 Riser dia.: 1/2", 13/16", 3/4" Center
 Slot clearance: .015
 Material: ABS



X-PI25-2
 Same as X-PI25-3
 No fill port option
 Material: ABS

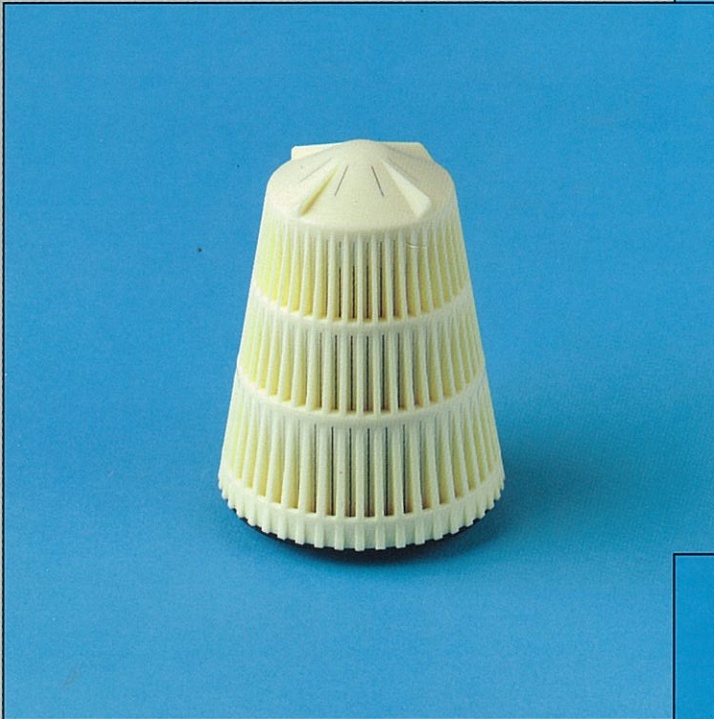


X-WPCH-100IS
 1.0" npt external
 Riser dia.: 1.0" Center
 Slot clearance: .015"
 Material: ABS

OUTLET SCREENS FOR USE WITH 2-1/2" TANK OPENING AND MANIFOLDS (SHOWN ON PAGE 4)

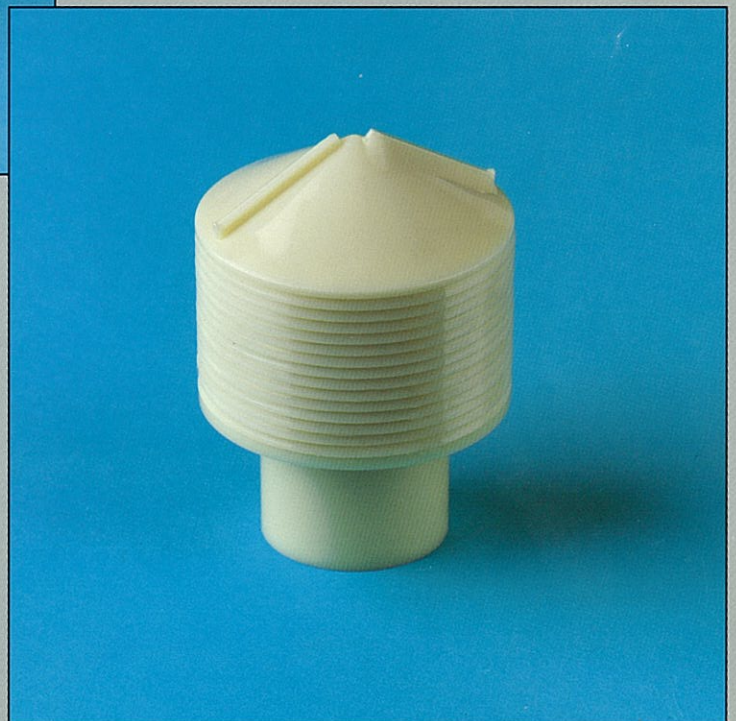
RTA-DS 350

One piece molded outlet screen
Riser dia.: 1/2", 13/16", 3/4"
Slot clearance: .0086"
Material: Polypropylene



RTA-DS190

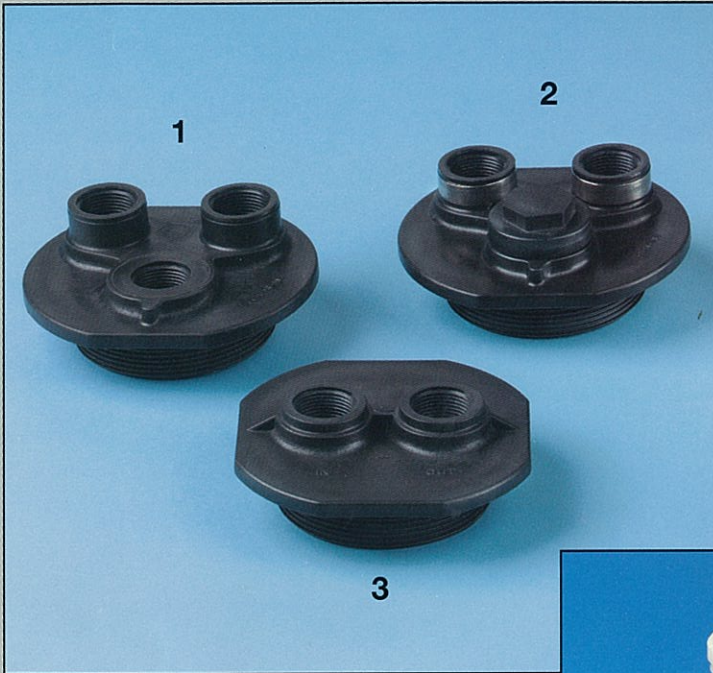
Stacked outlet screen
for 2-1/2" manifold assemblies
Riser dia.: 1/2", 13/16", 3/4"
Slot clearance: .012"
Material: ABS



RTA-DS100

Stacked outlet screen
Riser dia.: 1.0" (1.31" ID)
Slot clearance: .012"
Material: ABS

XTA SERIES MANIFOLDS AND SCREENS FOR USE WITH 4.5" BUTTRESS TANK THREAD OPENING



- 1 XTA-45-3-1 (3) 1" npt inlet ports
Riser dia.: 1" (1.31" ID) offset
- 2 XTA-45-3-SR (2) 1" npt inlet ports
Riser dia.: 1" (1.31" ID) offset
Fill port with cap 1.75"
Stainless steel ring option
- 3 XTA-45-2 (2) 1" npt inlet ports
Riser dia.: 1" (1.31" ID) offset

Material: GF ABS Injection molded

RTA-ID

Inlet baffle for XTA manifold
Material: ABS



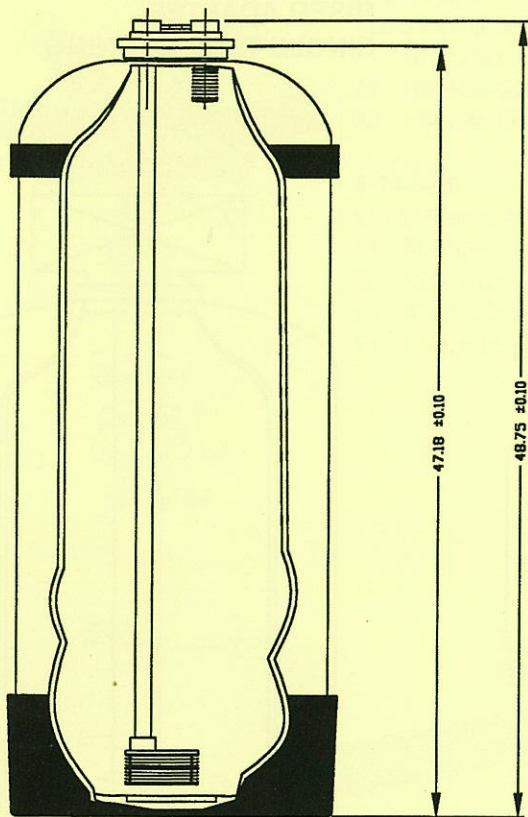
RTA-ISF

Inlet screen: XTA manifold
Stacked 1" slip
Slot clearance: .012"
Material: ABS

RTA-DDS4

Stacked outlet screen
Stack diameter: 3.825"
Stack height: 2.625"
Slot clearance: .012"
For 1" riser (1.31" ID) offset
Material: ABS





**RT-1447-45 with RUBBER BASE
(ASSEMBLY: XTA45-3-IS-DDS4)**

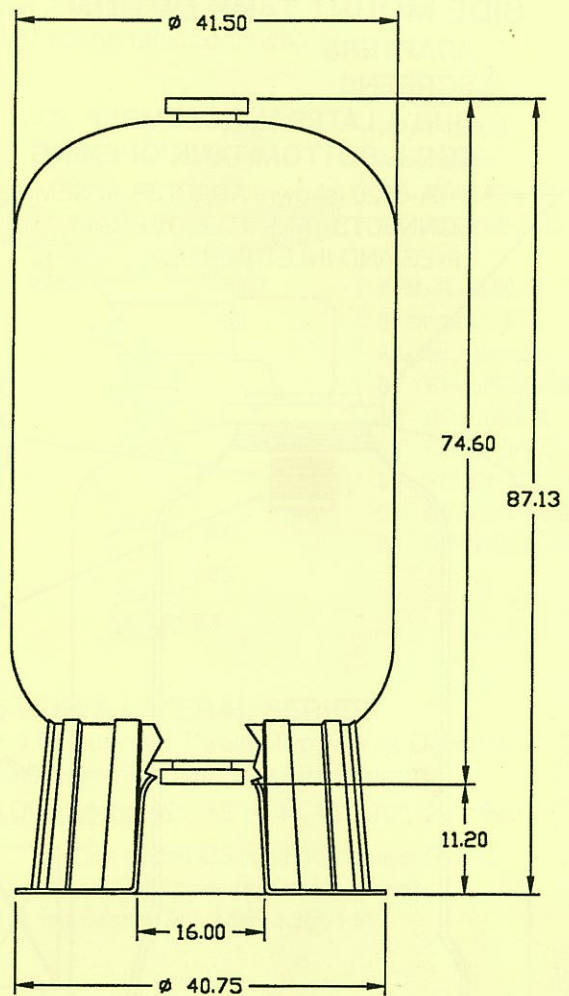
Typical portable DI exchange assembly.

RT-1447-45

3.61 CUBIC FEET

Manifold assembly flow chart page 13.

Weight empty: 42 lbs.



RT-4272-F-F with ACCESS BASE

Tank assembly showing access base design for applications requiring easy access to tank bottom connections.

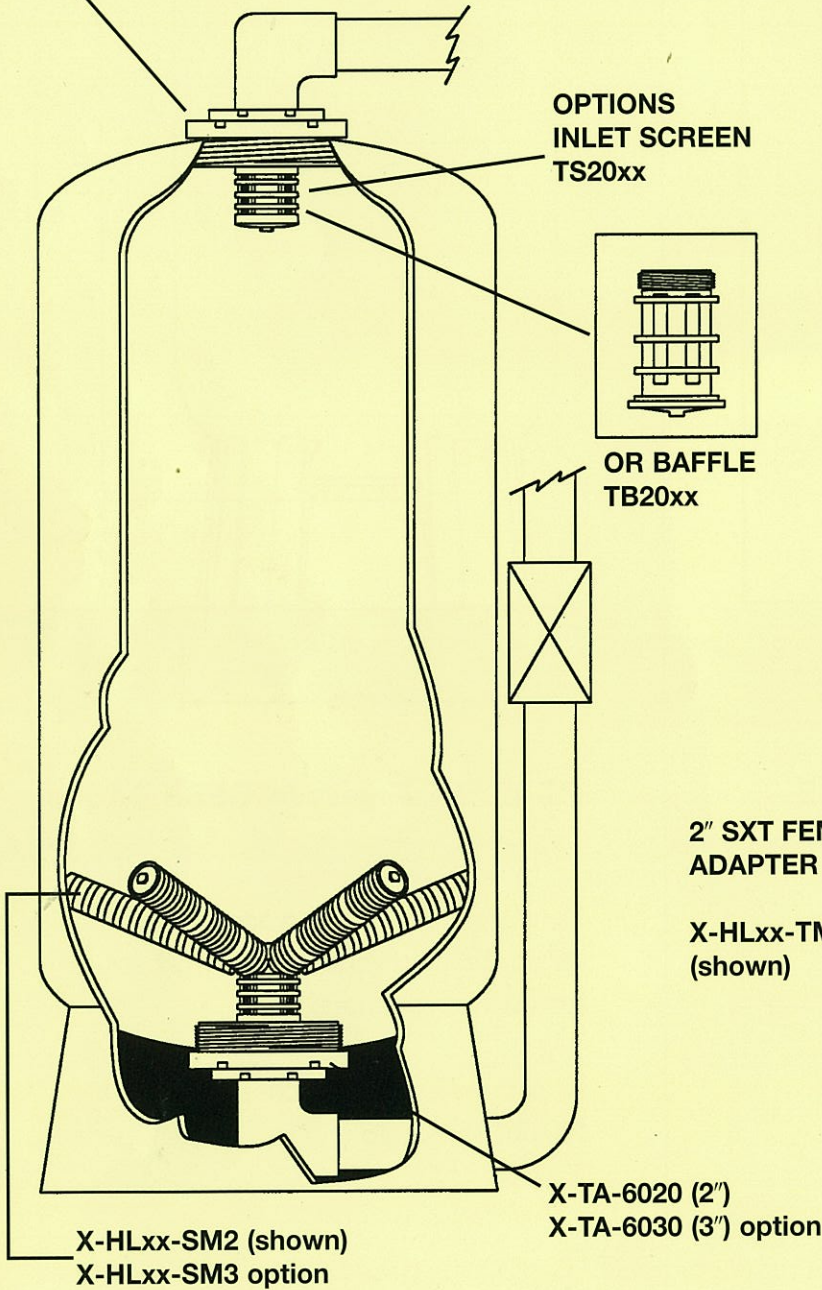
Available diameters (inches):

24, 30, 36, 42, 48

SIDE MOUNT TANK OPTION

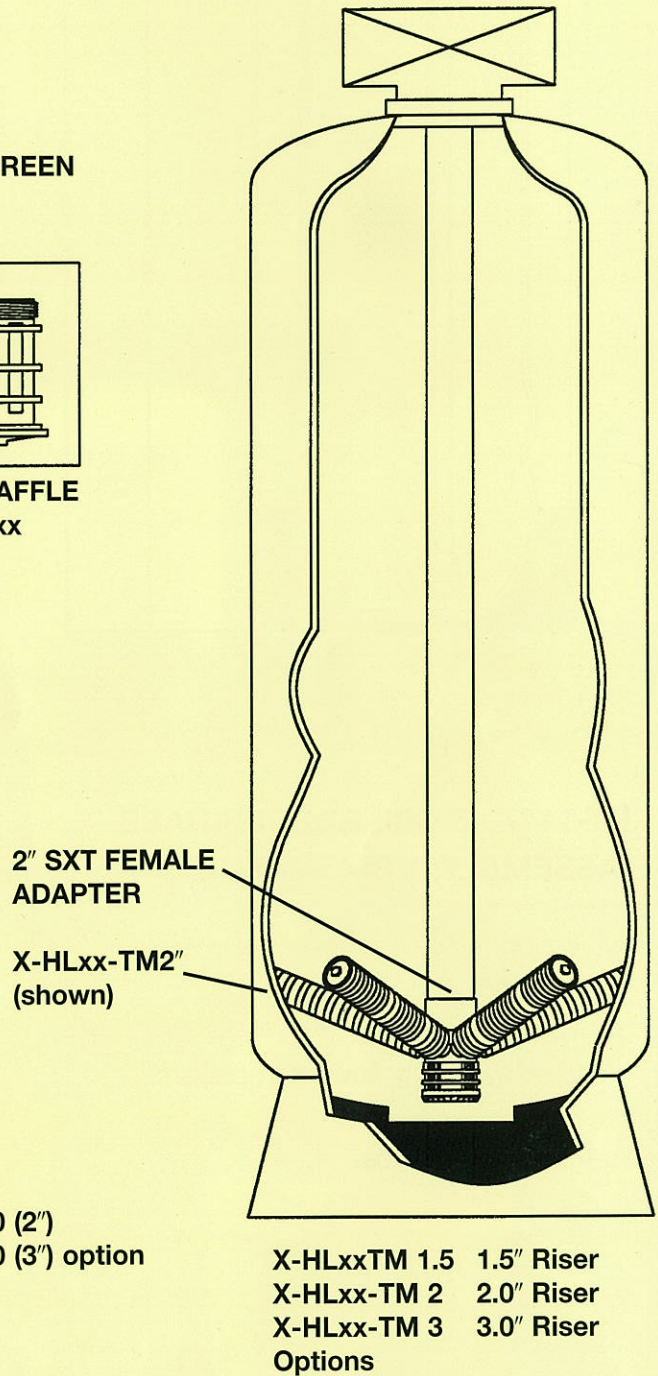
- ADAPTERS
- SCREENS
- HUB & LATERAL ASSEMBLY
- TOP & BOTTOM TANK OPENING

X-TA-6020 (shown) ADAPTER ASSEMBLY
CONNECTS TANK TO EXTERNAL
LINES AND INLET SCREEN



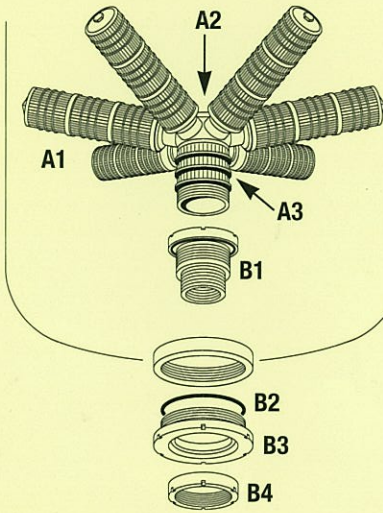
TOP MOUNT TANK OPTION

- HUB & LATERAL ASSEMBLY
- RISER ADAPTER
- SINGLE TANK OPENING



TYPICAL SIDE MOUNT HUB & LATERAL ASSEMBLY

Shown for 2" npt male thread connection
6.0" UN tank thread, flange option available



X-HLxx-SM2

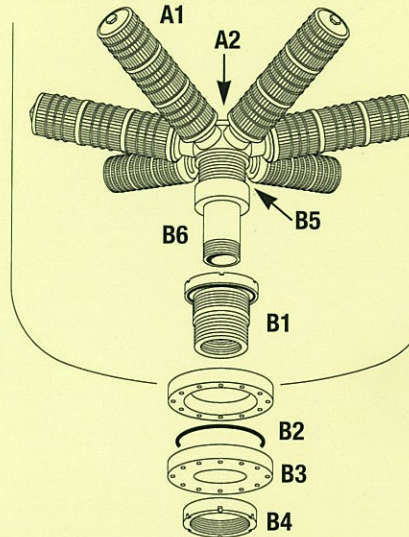
Hub & Lateral Assembly
A1 RTA-LATxx (6) Reqd.
A2 RTA-HUB-SM2
A3 RTA-KSH-DR (3)

X-TA-6020

6" x 2" Adapter Assembly
B1 RTA-SPIGOT-6020
B2 RTA-OR60
B3 RTA-BU-6020
B4 RTA-LN-6020

TYPICAL SIDE MOUNT HUB & LATERAL ASSEMBLY

Shown for 3" npt male thread connection
Internal 2.5" line diameter
6.0" UN flange tank connection

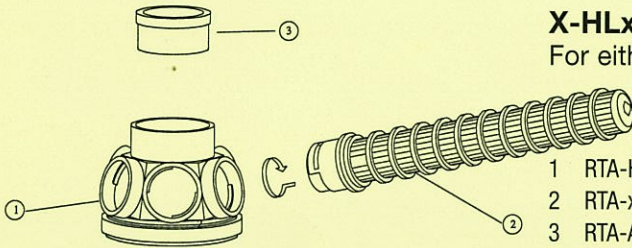


X-HLxx-SM3

Hub & Lateral Assembly
A1 RTA-LATxx (8) Reqd.
A2 RTA-HUB-SM3

X-TA-FL-6030

6" flange x 2.5" Adapter Assembly
B1 RTA-SPIGOT-6030
B2 RTA-OR60-FL
B3 RTA-FL-SP2/3
B4 RTA-LN-6020
B5 RTA-ADAPT-SM3/25
B6 RTA-SM3/25-NP



X-HLxx. TM1.5 HUB & LATERAL SERIES

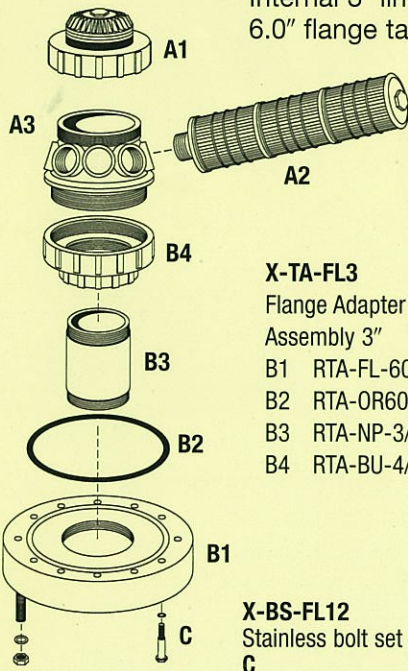
For either 4.0" or 4.5" Buttress Thread Top Mount Designs
Laterals assemble with twist-lock feature.

Tank Diameters: 12", 13", 14", 16", 20", 22", 24"

- 1 RTA-HUB-TM1.5 Injection molded ABS hub. Riser diameter 50mm
- 2 RTA-xx LAT-BA Lateral (6) per assembly. Sized to diameter.
- 3 RTA-ADAP-SS6 xx Hub adapter: 3/4", 1.05", 1.25", 1.5"

TYPICAL SIDE MOUNT HUB & LATERAL ASSEMBLY

Shown: 3" female thread connection
Internal 3" line diameter
6.0" flange tank connection



X-HLxx-SM3

Hub & Lateral Assembly
A1 RTA-CAP-SM3
A2 RTA-LATxx (8) Reqd.
A3 RTA-HUB-SM3

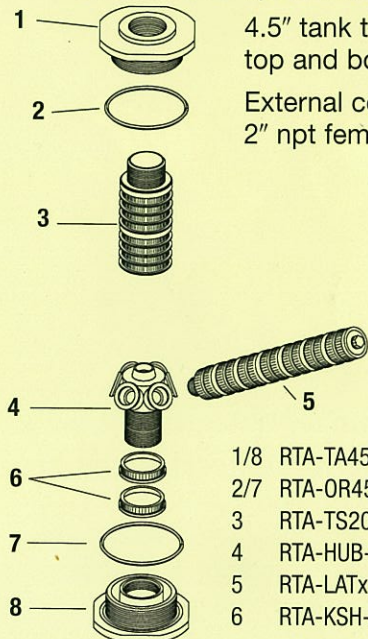
X-TA-FL3

Flange Adapter Assembly 3"
B1 RTA-FL-6030
B2 RTA-OR60-FL
B3 RTA-NP-3/3BSP
B4 RTA-BU-4/3BSP

X-BS-FL12
Stainless bolt set (12)
C

TYPICAL SIDE MOUNT DISTRIBUTION SYSTEM

Shown for 2" npt connection



4.5" tank thread top and bottom
External connections 2" npt female

- 1/8 RTA-TA4520T-BSP
- 2/7 RTA-OR45
- 3 RTA-TS2070
- 4 RTA-HUB-SM2
- 5 RTA-LATxx (6) Reqd.
- 6 RTA-KSH-DR (2)

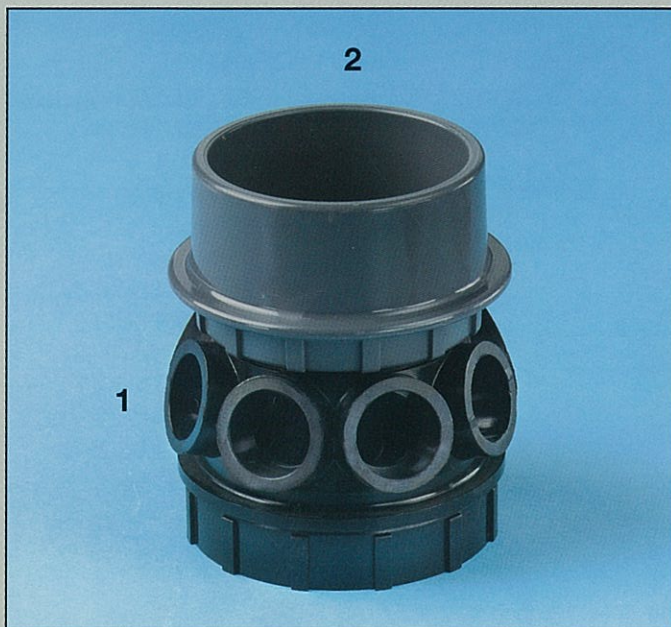
Standard hub and lateral systems for 12" diameter tanks and larger.

Top mount as shown. Available for 1-1/2", 2", and 3" riser diameters.

Side mount available for 2" and 3" external connection.

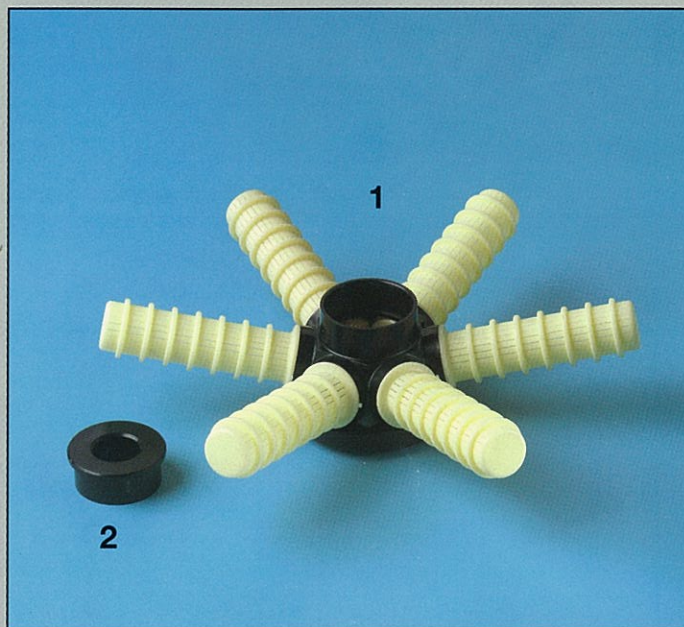
Tank adapters required to connect hub/lateral assembly to tank and external plumbing.

Injection molded polypro laterals.



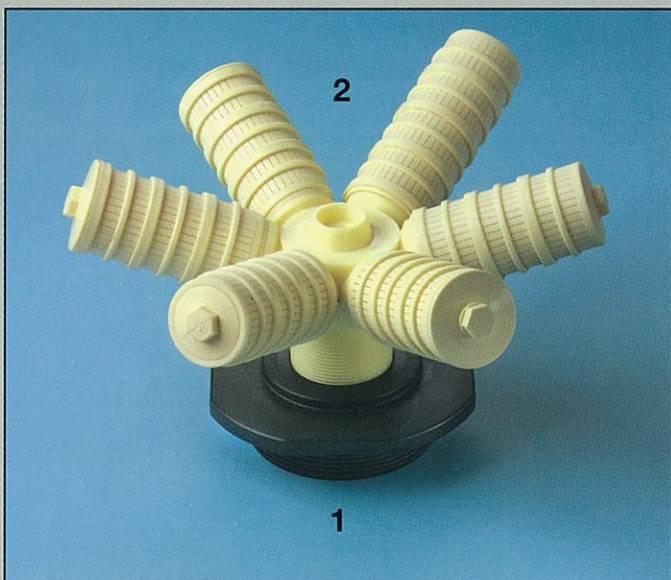
Top mount 3" hub with riser adapter

- 1 RTA-HUB-TM3 Top mount 3" hub
 - 2 RTA-ADAPT-TM3 Adapter connects top mount hub to 3" riser, slip joint
- Injection molded ABS hub



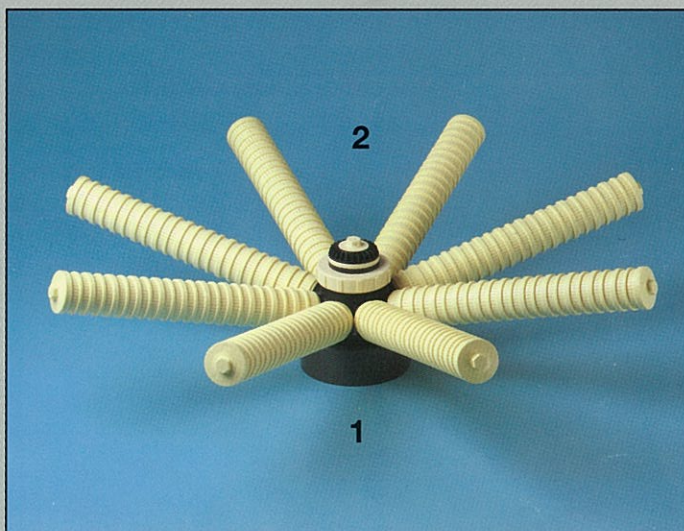
1-1/2" Top mount hub/lateral assembly

- 1 X-HLxx-TM1.5 ("x" = tank diameter)
 - 2 RTA-ADAP-SS6 for riser dia. 3/4", 1", 1-1/4"
- Minimum tank thread: 4"
Bayonet lateral connections
Injection molded ABS hub



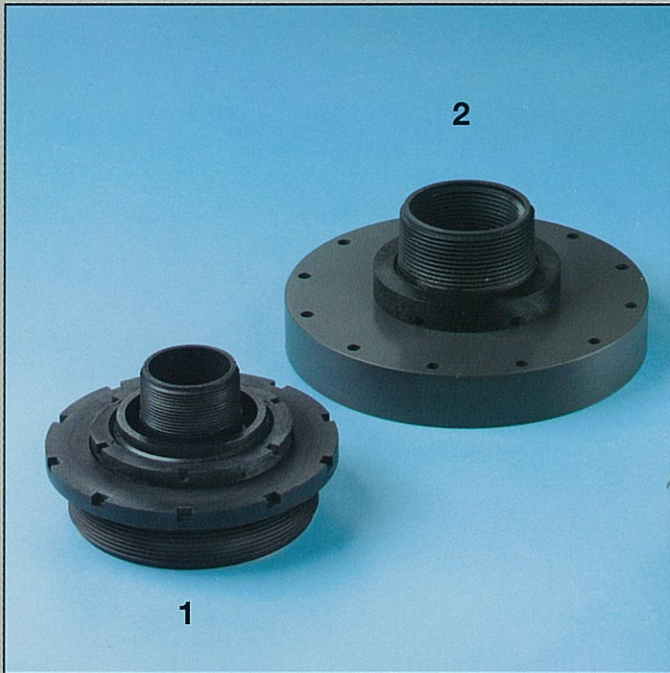
2" Side mount hub/lateral assembly

- 1 TA4520T-BSP Adapter
 - 2 X-HLxx-SM2 ("x" = tank diameter)
- Minimum tank thread: 4.5" buttress
Threaded lateral connections
Injection molded polypro hub
Injection molded ABS adapter

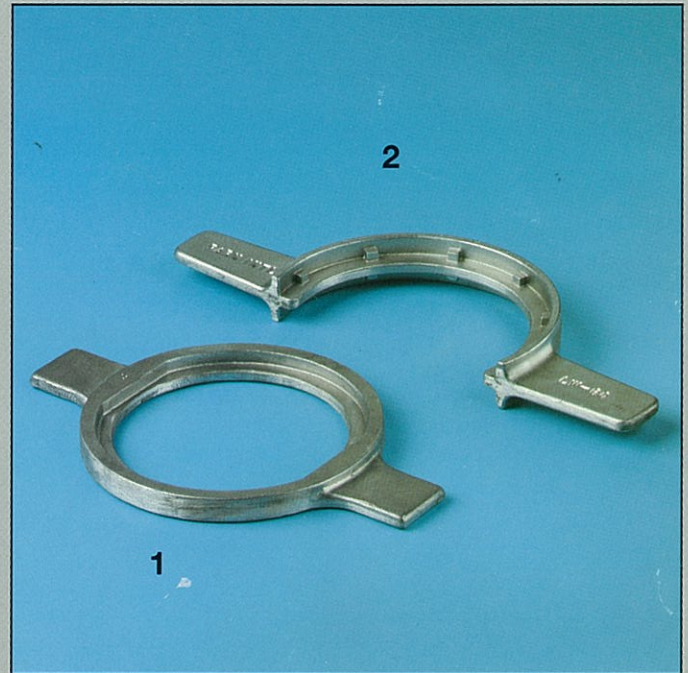


3" Side mount hub/lateral assembly

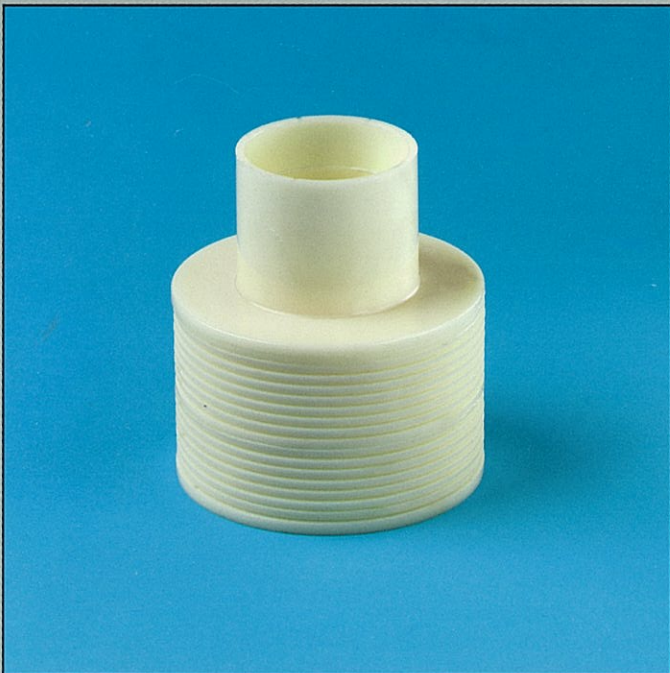
- 1 RTA-ADAP-SM3 Adapter
 - 2 X-HLxx-SM3 ("x" = tank diameter)
- Minimum tank thread: 6.0" UN
Threaded tank connections
Injection molded ABS hub
PVC adapter



- 1 **X-TA6020** Adapter Assembly
6" tank thread. Connects screens/hubs to tank external 2" npt male
- 2 **X-FA-SP3/25** Adapter Assembly
6" tank flange connects screens/hubs to tank external 3" npt male, 2-1/2" internal female



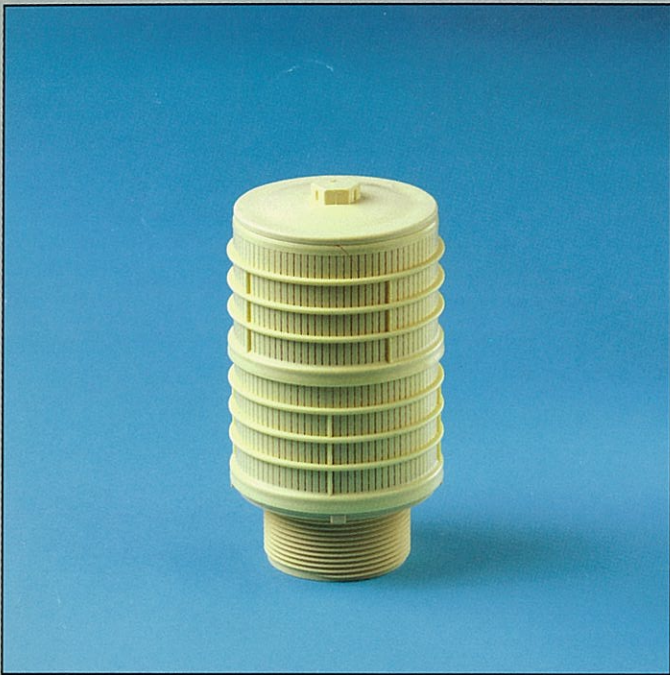
- ✕ **RTA-LW45** Lid wrench XTA adapters
- 2 **RTA-LW60** Lid wrench 6" adapters and closures



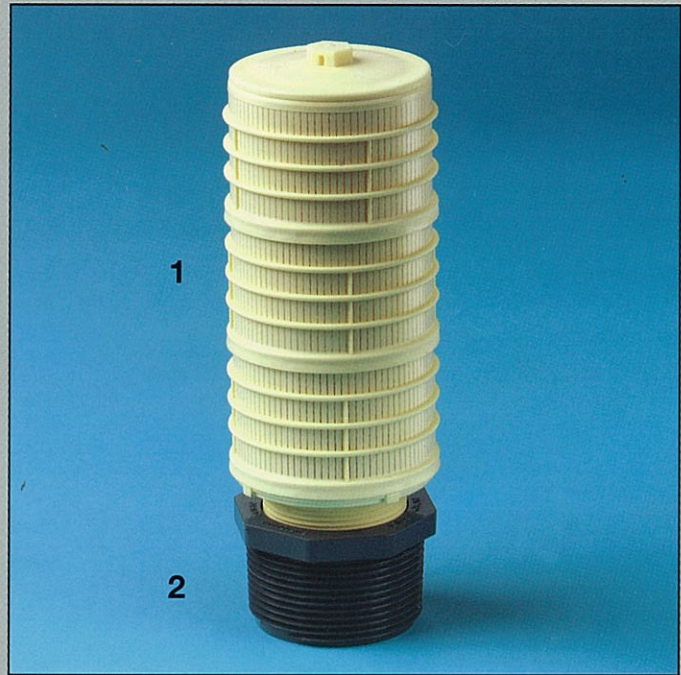
RTA-DDS4-150SE Stacked Screen
 Stack height: 2.610" Shown: Max. 5.675"
 Stack diameter: 3.825"
 Riser dia: 1-1/2", 1-1/4"
 Slot clearance: .012"



TA4520S-DS4X3
 Easy side mount connector screen
 For 4.5" tank thread, 2" slip external
 Stack screen diameter: 3.825"
 Stack height: 3.50" shown, max 5.675"
 Slot clearance: .012"
 External: 1.5"S, 2.0"S, 2.5" NPSM



RTA-TS2048 Inlet Screen
 2" npt male thread
 Stack diameter: 3.275"
 Stack height: 4.675"
 Slot clearance: .086"
 Injection molded polypropylene



1 RTA-TS2070 Inlet Screen
 2" npt male thread
 Stack diameter: 3.275"
 Stack height: 6.700"
 Slot clearance: .086"
 Injection molded polypropylene
2 2" npt x 2.5" npt PVC bushing option



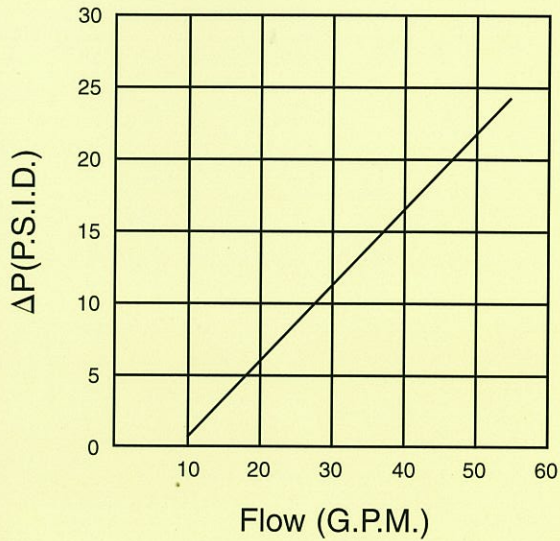
RTA-TB2070 Inlet Baffle
 2" npt male thread
 Open area: 6.35 in²
 Stack diameter: 3.275"
 Stack height: 5.855"
 Injection molded polypropylene



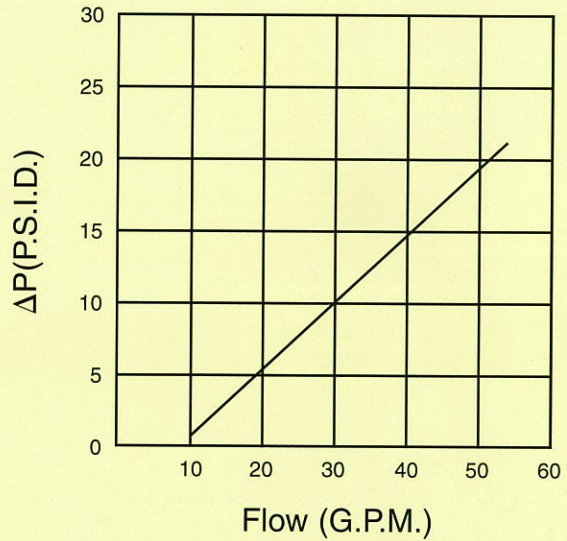
RTA-TB2570
 2.5" npt male thread
 Open area: 17.95 in²
 Stack diameter: 2.875"
 Stack height: 6.60"
 Machined PVC

Pressure Drop vs. Flow tests were conducted using tap water at ambient temperature and below the rated operating pressure of 150 P.S.I.G.

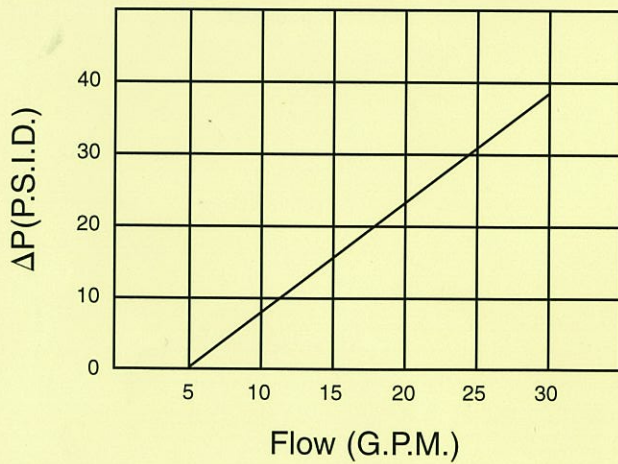
XTA - 45 with DS4



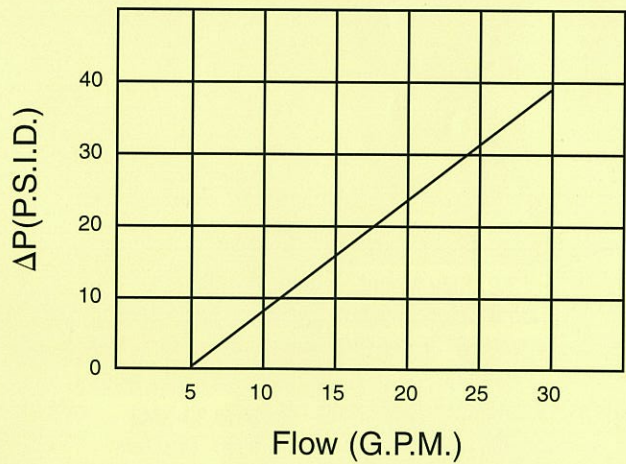
XTA - 45 with DDS4



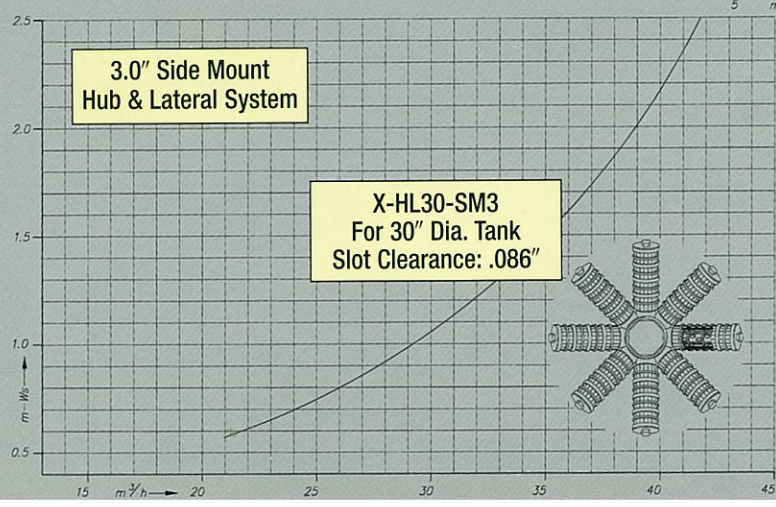
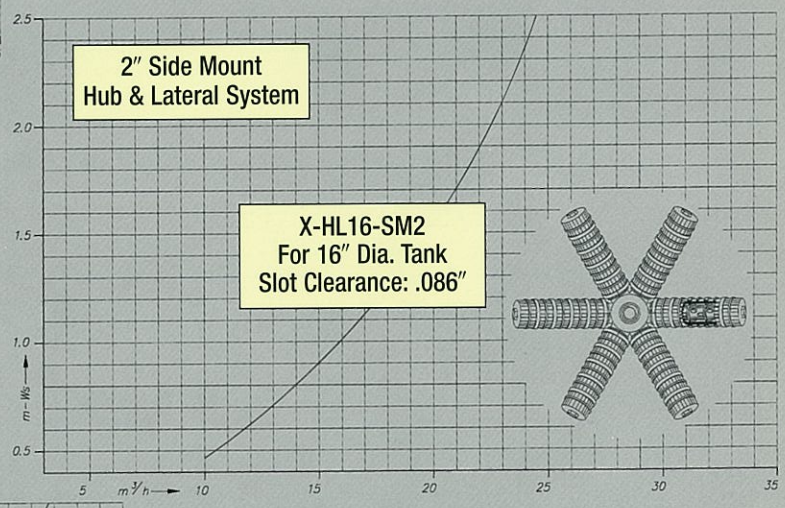
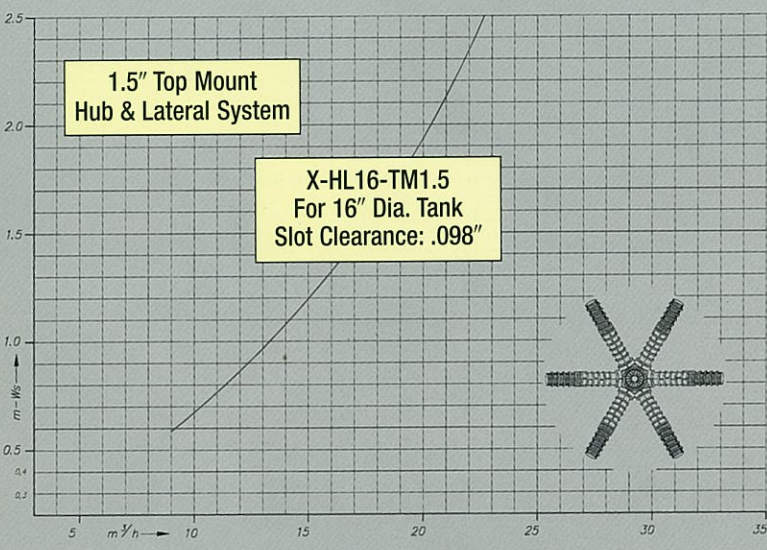
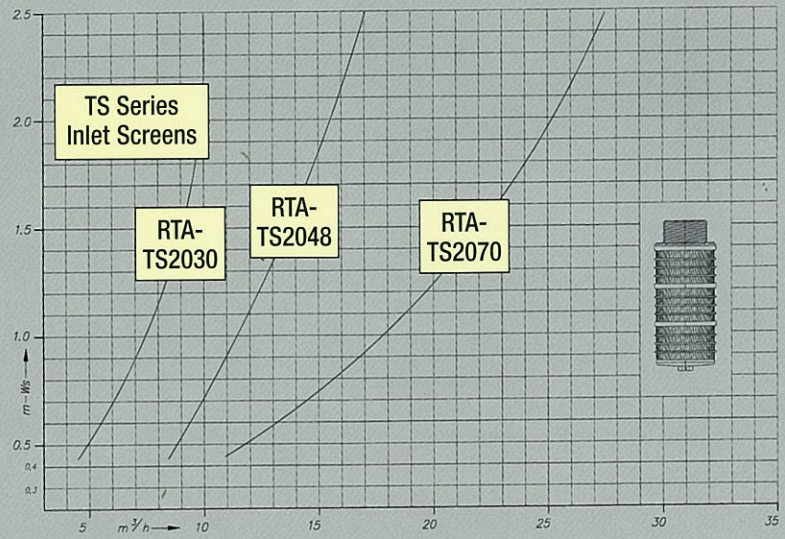
XWPE - 50 with IS & DS190



XP125 - 3 with IS & DS190



FLOWCHART METRIC UNITS TYPICAL INLET SCREENS OUTLET HUB & LATERAL ASSEMBLIES

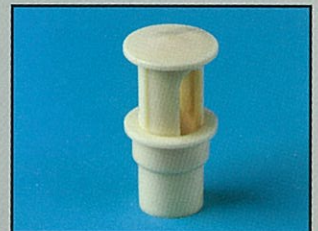
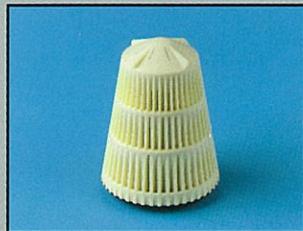




PARK INTERNATIONAL

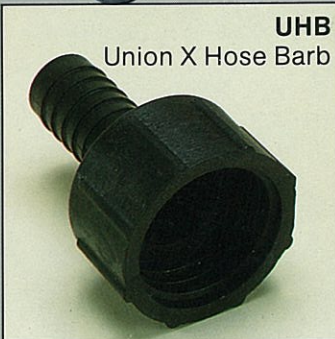
The Performance Leader!

*Here is the toughest
corrosion-free
tank lineup
for your
portable exchange
applications!!*



**WE HAVE THE TANKS AND ACCESSORIES
TO BUILD THE RIGHT EXCHANGE SYSTEM FOR YOU!**

1



UHB

Union X Hose Barb

SURE Union Connections

Quick Acme Threads - 1/4 Turns to Seal or Disconnect
No awkward cam actions and sudden pressure release
No worn or broken cams
Can be used with removable inlet screens

SURE O-Ring Seal

No leaks from crushed or worn gaskets
Hand tight connection

SURE "IN-OUT" connections

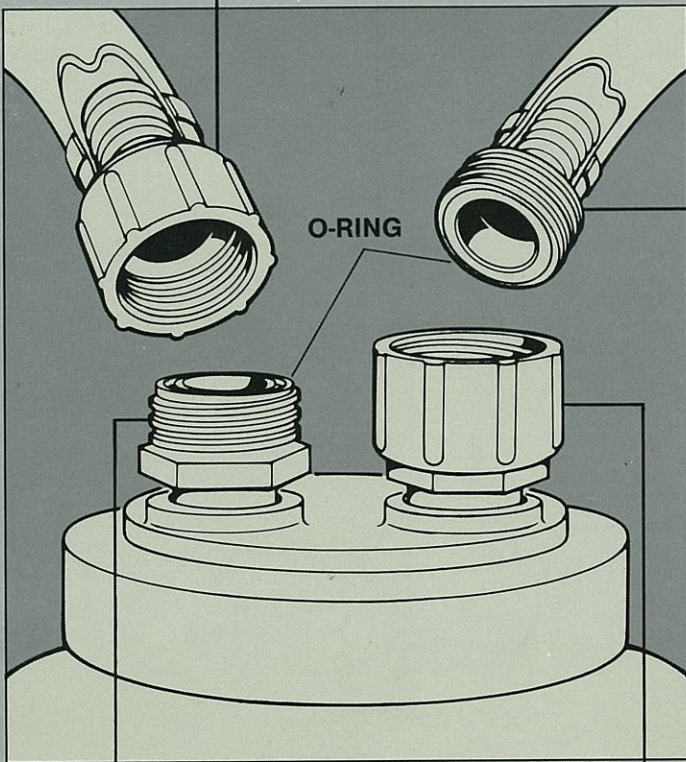
Hose barb/adaptor options assure mistake free hook-up...every time

PARK "SURE THING" QUICK DISCONNECT SYSTEM

Perfect for use with Park XTA, XPI and XWPE manifold assemblies. Couplings available to fit both 3/4" and 1" tank manifolds and hose. Order - 75 for 3/4" Order - 100 for 1"

150 PSI operating pressure.

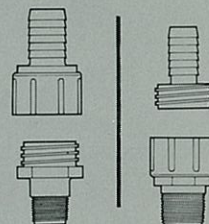
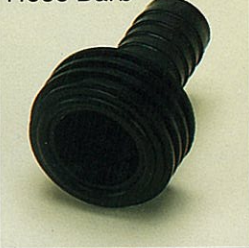
120°F max. operating temperature.



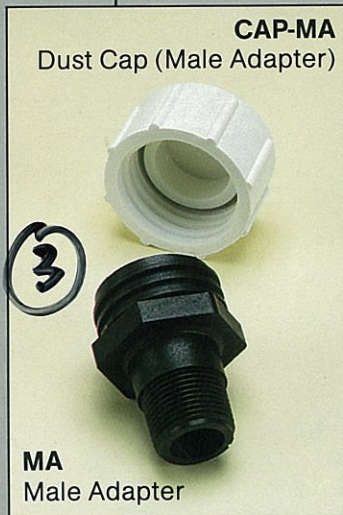
O-RING

2

HB
Union Adapter X
Hose Barb



These parts may be ordered as assemblies (See Price List for Assembly Part Numbers)

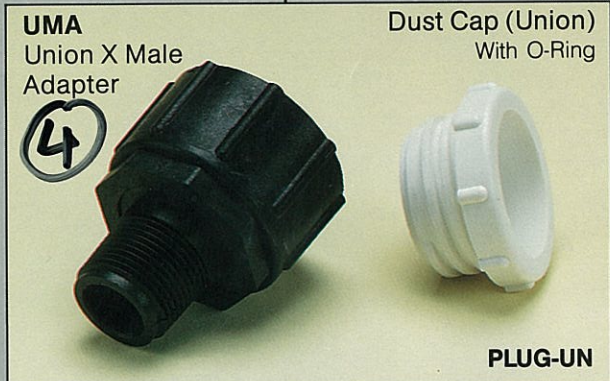


CAP-MA

Dust Cap (Male Adapter)

3

MA
Male Adapter



UMA

Union X Male
Adapter

4

Dust Cap (Union)
With O-Ring

PLUG-UN

Quick Disconnect parts injection molded in glass-filled NORYL® (General Electric engineering grade plastic). Not affected by regenerating chemicals or DI water. Designed for rough handling. Cost effective. Dust Caps are molded in polypropylene.

DUST CAPS PROVIDE O-RING SEAL IN SERVICE



FITTINGS AND ACCESSORIES

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