

# Residential Distributors

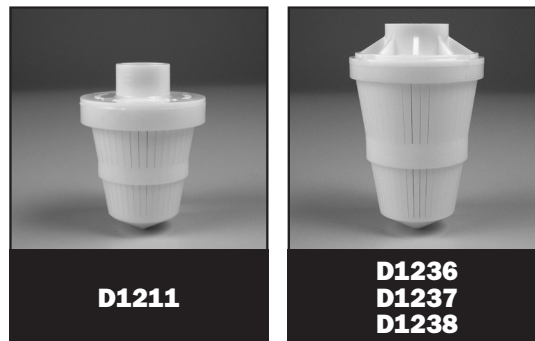
Clack Corporation has available a wide variety of top and bottom distributors for residential water treatment applications (up to 13" diameter). These distributors fall into two major categories, the segmented stack distributors and the molded basket distributors. The segmented stack distributors consist of individual ABS segments which are held together with 8-18 stainless steel screws. The segmented stack distributors have the ability to open up when backwashed, removing any possible fines that might accumulate on the distributor. The standard slot size is .010-.013. **Segmented stack distributors are highly recommended for filter applications.** The segmented stack distributors are also available with .007-.010 slot size for demineralization and finer mesh resin applications. A .016-.020 slot size is available for high flow applications. The molded basket distributors are made out of high impact FDA approved ABS plastic. The fixed slot size is .010-.013. **The molded basket distributors are designed for general domestic water softener use for 6" to 10" diameter tanks without a gravel support bed, or 12" to 13" diameter tanks with a gravel support bed.** All of these distributors are easily solvent welded to PVC, ABS, or HIPS riser pipe.

## Top Basket Distributors



ORDER NUMBER	DESCRIPTION	RISER PIPE INSERT	CONTROL VALVE ENGAGEMENT	UNITS PER CARTON/WEIGHT
D1203	287F top distributor basket	1.050"	Bajonet Lock	500/29 Lbs.
D1203-01	287F top distributor basket	$\frac{13}{16}$ "	Bajonet Lock	500/29 Lbs.
D1203-02	287F top distributor basket	1.320"	Bajonet Lock	500/29 Lbs.
D1203-03	287F top distributor basket	32mm	Bajonet Lock	500/29 Lbs.
D1206	287AF top distributor basket	1.050"	Solvent Weld	900/33 Lbs.
D1207	287AF top distributor basket	$\frac{13}{16}$ "	Solvent Weld	900/33 Lbs.
D1208	287C top distributor basket	$\frac{13}{16}$ "	Thread	500/30 Lbs.
D1209-01	287C top distributor basket	1.050"	Thread	500/30 Lbs.

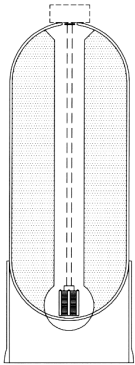
## Bottom Basket Distributors



ORDER NUMBER	DESCRIPTION	RISER PIPE INSERT	UNITS PER CARTON/WEIGHT
D1211	911 bottom distributor basket	$\frac{13}{16}$ "	500/36 Lbs.
D1236	932 bottom distributor basket	1.050"	350/38 Lbs.
D1237	932 bottom distributor basket	1.320"	350/38 Lbs.
D1238	932 bottom distributor basket	32mm	350/38 Lbs.

# Top Mount Valve Commercial Distributors

Clack bottom stack distributors are designed primarily for use with top mount water softeners or filter valves. The stack distributors are comprised of individual ABS segments which are held together with 18-8 stainless steel screws. The segmented stack has the ability to open up when backwashed, removing any fines that might accumulate on the distributor. The standard slot size is .010 - .013. Clack bottom stack distributors are designed for use with 14" - 36" diameter fiberglass mineral tanks with a 4" - 6" top openings. The bottom stack distributors are designed to accommodate a number of different size riser pipes which can be solvent welded or threaded directly into the stack. There is no stack distributor assembly required. To install, solvent weld or thread the riser pipe directly into the distributor and extend the distributor to the bottom of the mineral tank.



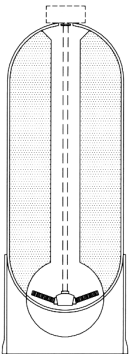
### Riser Pipe Openings Available (\*):

- 05 - 1.25" solvent
- 06 - 1.25" FPT
- 07 - 1.5" solvent
- 08 - 1.5" FPT
- 09 - 50mm solvent
- 10 - 2" solvent
- 11 - 2" FPT

ORDER NUMBER	DESCRIPTION	TOP OPENING	STACK DIAMETER	STACK HEIGHT	RISER OPENINGS AVAILABLE*	EXAMPLE
D1196-*	950 bottom stack distributor	4"	3½"	2 - <sup>27</sup> / <sub>32</sub> "	05 - 09	950 - 1.5" solvent Order #: D1196-07
D1197-*	970 bottom stack distributor	4"	3½"	5 - <sup>7</sup> / <sub>8</sub> "	05 - 11	
D1198-*	990 bottom stack distributor	6"	5½"	4½"	07 - 11	

## Hub and Lateral Series for Top Mount Valves

Clack top mount hub and lateral systems are designed primarily for use with top mount water softeners or filter valves. The top mount hub and lateral series is designed to accommodate 14" - 36" diameter fiberglass mineral tanks with 4" - 6" top openings. The top mount hub and lateral series consists of an ABS hub and 8-PVC slotted laterals with ¾" threaded adapters. The hub is available with a number of openings to accommodate different riser pipe diameters. To install, simply solvent weld or thread the riser pipe into the hub and insert it into the tank through the top opening. Thread the laterals into the hub and extend the hub and laterals to the bottom of the mineral tank.



### Riser Pipe Openings Available (\*):

- 02 - 1.320" solvent
- 03 - 32mm solvent
- 04 - 1.050" solvent
- 05 - 1.25" solvent
- 06 - 1.25" FPT
- 07 - 1.5" solvent
- 08 - 1.5" FPT
- 09 - 50mm solvent
- 10 - 2" solvent
- 11 - 2" FPT

ORDER NUMBER	DESCRIPTION	TANK DIAMETER	RISER OPENINGS AVAILABLE*	EXAMPLE
D7178-*	TMHL 14 - 16 bottom assembly	14" & 16"	02 - 09	TMHL 14 - 16, 1.5" solvent Order #: D7178-07
D7179-*	TMHL 18 - 24 bottom assembly	18" - 24"	02 - 09	
D7180-*	TMHL 30 bottom assembly	30"	05 - 11	
D7181-*	TMHL 36 bottom assembly	36"	05 - 11	

# Top Distributors for Top Mount Valves

The Clack top stack distributors, diffusers and baffle diffusers are designed to be used in conjunction with the Clack WS1.5, WS2 and WS2L, the Autotrol Magnum CV™ and the Fleck 2850, 9500, 2900 and 3150 Control Valves. The stack and baffle diffusers are designed to diffuse or break up the inlet water flow when the top stack distributor is not used. The top stack distributors, diffusers and baffle diffusers are designed to accommodate a 1.5", 50mm or 2" PVC riser pipe. Installation is accomplished by simply pinning or screwing in the top stack distributor and diffuser or snapping the top baffle diffuser directly inside the control valve.



ORDER NUMBER	DESCRIPTION	VALVE TYPE	STACK HEIGHT	STACK DIAMETER	RISER PIPE INSERT
D1199	Top Stack Distributor	Clack/Fleck	5½"	3½"	1.5"
D1199-04	Top Stack Distributor	Clack/Fleck	5½"	3½"	50mm
D1199-02	Top Stack Distributor	Clack/Fleck	5½"	3½"	2"
D1200-01	Top Stack Diffuser	Clack/Fleck	5½"	3½"	1.5"
D1200-02	Top Stack Diffuser	Clack/Fleck	5½"	3½"	50mm
D1200-03	Top Stack Diffuser	Clack/Fleck	5½"	3½"	2"
D1219	Top Stack Distributor	Autotrol	5½"	3½"	1.5"
D1227	Top Stack Diffuser	Autotrol	5½"	3½"	1.5"
D1300	Top Baffle Diffuser	Clack	-	-	1.5"/50mm
D1300-01	Top Baffle Diffuser	Clack	-	-	2"

Because of the diversity of water softeners and filter applications (including, but not limited to, pressure drop, flow rate and backwash rate per square foot), Clack's liability is limited to the repair or replacement of defective goods, provided that the same are returned to Clack for repair or replacement within one (1) year. THESE WARRANTIES ARE EXPRESSLY MADE IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, including the warranties of merchantability and fitness, and the sole responsibility of Clack shall be to replace, rework or issue credit for goods not in conformity with specifications. **It is the responsibility of the purchaser to determine on an individual basis the function and application of the distributor.**

# Residential Distributors

## Top Stack Distributors



ORDER NUMBER	DESCRIPTION	RISER PIPE INSERT	CONTROL VALVE ENGAGEMENT	UNITS PER CARTON/WEIGHT
D1225-05	830F top stack distributor (11 segments)	1.050"	Bajonet Lock	100/24 Lbs.
D1225-08	830F top stack distributor (14 segments)	1.320"	Bajonet Lock	
D1225-12	830F top stack distributor (14 segments)	32mm	Bajonet Lock	

## Bottom Stack Distributors



ORDER NUMBER	DESCRIPTION	RISER PIPE INSERT	UNITS PER CARTON/WEIGHT
D1210	910 bottom stack distributor (6 segments)	$\frac{13}{16}$ "	150/19 Lbs.
D1212-04	930 bottom stack distributor (11 segments)	1.050"	120/21 Lbs.
D1212-21	930 bottom stack distributor (15 segments)	1.320"	
D1212-23	930 bottom stack distributor (15 segments)	32mm	

### Bottom Felt Distributor



### Bottom Steel Plate Distributor



### Bottom Steel Plate Distributor



### Adapter



ORDER NUMBER	DESCRIPTION	RISER PIPE INSERT OR THREAD	UNITS PER CARTON/WEIGHT
D7184	Felt Bottom Distributor (For KDF)	1.050"	90/18 Lbs.
D1190	920 Bottom Steel Plate Distributor (6 Segments)	$\frac{3}{4}$ " Male NPT	120/18 Lbs.
D1192	940 Bottom Steel Plate Distributor (11 Segments)	1" Male NPT	100/21 Lbs.
D1135	1.050" x 32mm Adapter	32mm	

