

Wave Cyber DI Tank



Wave Cyber (Shanghai) Co., Ltd.

Wave Cyber DI Tank

Wave Cyber Ion Exchange tank is now available from 8” through 14” in diameter, 2.5” and 4.5” top opening.

Wave Cyber Ion Exchange tank is equipped with heavy duty rubber base and rubber protection bumper. The protection bumper wraps over the dome/side wall transition providing superior dome protection during handling. The polyethylene liner is surface treated to ensure complete adhesion of the resin/glass matrix with the HDPE liner. The liner is also wounded with an extra helical winding layer provides robust construction for protection against frequent loading and unloading of the tank during transportation. It is a perfect tank selected for portable D.I application.

Wave Cyber provides accessories such as 2.5” NPSM and 4.5” Buttress thread tank adaptors; 0.5” (OD 0.84”) and 1” (1.32”OD) risers; top and bottom distributors and quick-connect fittings.

Warranty – 5 years pro-rata.

Specification

Tank Size	Volume		Top Opening	Base/band
	Cu. Ft.	L		
8 x 35	0.88	24.80	2.5”	Rubber
8 x 44	1.13	32.10	2.5”	Rubber
9 x 40	1.28	36.30	2.5”	Rubber
9 x 42	1.35	38.20	2.5”	Rubber
9 x 48	1.58	44.00	2.5”	Rubber
10 x 40	1.59	44.90	2.5”	Rubber
10 x 54	2.20	62.40	2.5”	Rubber
12 x 52	3.08	87.00	4.5”	Rubber
14 x 47	3.62	102.50	4.5”	Rubber





Adaptor

Size	In	Out	Fill port	ABS Riser PS*(OD)
2.5” NPSM	0.75” NPT	0.75” NPT	0.75” NPSM	0.5” (0.84” OD)
4.5” Buttress	1” NPT	1” NPT	none	1” (1.32” OD)
4.5” Buttress	1” NPT	1” NPT	1” NPT	1” (1.32” OD)
4.5” Buttress	1” NPT	1” NPT	1.5”	1” (1.32” OD)

PS* - pipe size

DI Tank - Order Information

Tank Adaptor

					
<p>Model 2.5-DI-0.75 2.5" NPSM, 0.75" NPT (In/Out), 0.75" NPT Fill Port w/ plug, ABS Top distributor stack</p>	<p>Model: 4.5-DI-1-A 4.5" Buttress, 1" NPT (In/Out), 1.5" fill port w/ plug, Noryl</p>	<p>Model: 4.5-DI-1-B, 4.5" Buttress, 1" NPT (In/Out), 1" NPT fill port, Noryl</p>	<p>Model: 4.5-DI-1-C 4.5" Buttress, 1" NPT (In/Out), No fill port, Noryl</p>	<p>Model 4.5-DI-1 4.5" Buttress, 1" NPT (In/Out), 1" threaded riser tube connection, Noryl</p>	
Part Number					
50127	10587	10344	10341	10418	10419

Riser Tube

Part number



4.5DI-52 , 1" (OD 1.32") x L1 (52" high tank) for 1252 -DI	50089
4.5DI-47 , 1" (OD 1.32") x L2 (47" high tank) for 1447-DI	50088
2.5DI-35 , 0.5" (OD 0.84") x L3 (35" high tank) for 835-DI	50100
2.5DI-40 , 0.5" (OD 0.84") x L4 (40" high tank) for 940-DI	50102
2.5DI-42 , 0.5" (OD 0.84") x L5 (42" high tank) for 942-DI	50103
2.5DI-44 , 0.5" (OD 0.84") x L6 (44" high tank) for 844-DI	50101
2.5DI-48 , 0.5" (OD 0.84") x L7 (48" high tank) for 948-DI	50104
2.5DI-54 , 0.5" (OD 0.84") x L8 (54" high tank) for 1054-DI	50105



4.5DI-52 , 1" (OD 1.32") threaded x L1 (52" high tank) for 1252 -DI	50109
4.5DI-47 , 1" (OD 1.32") threaded x L2 (47" high tank) for 1447-DI	50110

ABS Distributors

Part number



4.5DI-T-BSK , top distributor for 1" (OD1.32") riser	50112
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4.5DI-B-BSK , bottom distributor for 1" (OD1.32") riser	50113
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2.5DI-B-BSK , bottom distributor for 0.5" (OD 0.846") riser	10409
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Quick-Connectors, - Noryl

		Part number
	QC-1 , 0.75" MNPT x half Male quick-connect coupling	10379
	QC-2 , 1.0" MNPT x half male quick-connect coupling	10372
	QC-3 , 0.75" ID Hose x half Male quick-connect coupling	10378
	QC-4 , 1.0" ID Hose x half Male quick-connect coupling	10373
	QC-5 , 0.75" MNPT x half female quick-connect coupling	10383
	QC-6 , 1.0" MNPT x half female quick-connect coupling	10381
	QC-7 , 0.75" ID hose x half female quick-connect coupling	10384
	QC-8 , 1.0" ID hose x half female quick-connect coupling	10382

Quick-connector Kits – Noryl

	QC-kit-1 , 1.0" MNPT x 1"ID hose (QC-2 + QC-8)	50136
	QC-kit-2 , 1.0" MNPT x 0.75" ID hose (QC-2 + QC-7)	50137
	QC-kit-3 , 0.75" MNPT x 0.75" ID hose (QC-1 + QC-7)	50138
	QC-kit-4 , 0.75" MNPT x 1" ID hose (QC-1 + QC-8)	50139
	QC-kit-5 , 1.0" ID hose x 1" MNPT (QC-4 + QC-6)	50140
	QC-kit-6 , 1.0" ID hose x 0.75" MNPT (QC-4 + QC-5)	50141
	QC-kit-7 , 0.75" ID hose x 0.75" MNPT (QC-3 + QC-5)	50142
	QC-kit-8 , 0.75" ID hose x 1" MNPT (QC-3 + QC-6)	50143

Other accessories

	QC-plug, male for QC-1 to QC-2	10359
	QC-cap, female for QC-5 to QC-6	10358
	QC-connection o-ring	10399

Complete Ion Exchange Tank and Accessories - The tank includes protective rubber bumper, and the correspondec adaptor, riser and distributors

All natural color Model	Part number	Part number
	Std base	Rubber base
835-DI-AS , (2.5-DI-0.75, 2.5DI-35, 2.5DI-T-BSK, 2.5DI-B-BSK)	81379	81154
844-DI-AS , (2.5-DI-0.75, 2.5DI-44, 2.5DI-T-BSK, 2.5DI-B-BSK)	81388	81163
940-DI-AS , (2.5-DI-0.75, 2.5DI-40, 2.5DI-T-BSK, 2.5DI-B-BSK)	81397	81244
942-DI-AS , (2.5-DI-0.75, 2.5DI-42, 2.5DI-T-BSK, 2.5DI-B-BSK)	81406	81253
948-DI-AS , (2.5-DI-0.75, 2.5DI-48, 2.5DI-T-BSK, 2.5DI-B-BSK)	81415	81172
1040-DI-AS , (2.5-DI-0.75, 2.5DI-40, 2.5DI-T-BSK, 2.5DI-B-BSK)	81323	81262
1054-DI-AS , (2.5-DI-0.75, 2.5DI-54, 2.5DI-T-BSK, 2.5DI-B-BSK)	81433	81181
1252-DI-A-AS , (4.5-DI-1-A, 4.5DI-52, 4.5DI-T-BSK, 4.5DI-B-BSK)	81442	81190
1252-DI-B-AS , (4.5-DI-1-B, 4.5DI-52, 4.5DI-T-BSK, 4.5DI-B-BSK)	81451	81199
1252-DI-C-AS , (4.5-DI-1-C, 4.5DI-52, 4.5DI-T-BSK, 4.5DI-B-BSK)	81460	81208
1447-DI-A-AS , (4.5-DI-1-A, 4.5DI-47, 4.5DI-T-BSK, 4.5DI-B-BSK)	81469	81217
1447-DI-B-AS , (4.5-DI-1-B, 4.5DI-47, 4.5DI-T-BSK, 4.5DI-B-BSK)	81478	81226
1447-DI-C-AS , (4.5-DI-1-C, 4.5DI-47, 4.5DI-T-BSK, 4.5DI-B-BSK)	81487	81235

Note: Quick-connect kit must be ordered separately

Ion Exchange Tank only - The tank includes protective rubber bumper and the corresponded selected base

All natural color Model	Part number	Part number
	Std base	Rubber base
835-DI , 2.5" top	81298	81100
844-DI , 2.5" top	81307	81109
940-DI , 2.5" top	81316	81271
942-DI , 2.5" top	81325	81280
948-DI , 2.5" top	81334	81118
1040-DI , 2.5" top	81343	81289
1054-DI , 2.5" top	81352	81127
1252-DI , 4.5" top	81361	81136
1447-DI , 4.5" top	81370	81145



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www.wave-cyber.com