

DI Tank Guide & Color Codes



Unit designation	8" Fiberglass	10" Stainless	10" Fiberglass	14" Fiberglass	14" Stainless	Flomax 37	Flomax 45
Volume	0.5 ft ³	1.6 ft ³	1.6 ft ³	3.6 ft ³	3.6 ft ³	37 ft ³	45 ft ³
Weight	37 lbs	148 lbs	135 lbs	303 lbs	316 lbs	3120 lbs	3790 lbs
Footprint	8"	10"	10"	14"	14"	40"	43"
Height w/ Fittings	23"	42"	45"	50"	50"	96"	96"
Inlet Connection	1" Fem Union	1" Fem Union	1" Fem Union	1" Fem Union	1" Fem Union	2" Fem Camlock	3" Fem Camlock
Outlet Connection	1" Male Union	1" Male Union	1" Male Union	1" Male Union	1" Male Union	2" Male Camlock	3" Male Camlock
Operating Psi (max)	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi	80 psi
Temperature Rating	80° F	180° F	80° F	80° F	180° F	80° F	80° F
Optimum Flow DI (Gpm)*	1 to 2 GPM	2 to 8 GPM	2 to 8 GPM	3 to 20 GPM	3 to 20 GPM	35 to 120 GPM	45 to 200 GPM

*Lower flows can be achieved with a recirculation system and different flow rates will be suitable for medias other than ion exchange resins



Red
Strong Acid Cation
(H + Form)



Black
Strong Acid Cation
(Na + Form)



Yellow
Strong Base Anion
(OH - Form)



Green
Weak Base Anion
(OH - Form)



Brown
Mixed Bed



Blue
Mixed Bed Polisher



Clear
GAC Granular
Activated Carbon

Colored electrical tape is wrapped around the top neck or outlet fitting to designate what type of ion exchange resin is inside the tank.

Color	Resin Type	Commonly referred to as
Red	Strong Acid Cation (SAC) in Hydrogen form	"C" or "Cation" tank
Black	Strong Acid Cation (SAC) in Sodium form	"Sodium C" or "Softening Tank"
Yellow	Strong Base Anion (SBA) in Hydrogen form	"S" or "Strong Base Tank"
Green	Weak Base Anion (WBA) in Hydrogen form	"W" or "Weak Base Tank"
Brown	Mixed Bed Resin (contains both SAC and SBA)	"M" or "Mixed Bed Tank"
Blue	Mixed Bed Resin (contains both SAC and SBA)	"P" or "Polisher Tank"
Clear (No tape)	Granular Activated Carbon (GAC)	"GAC" or "Carbon Tank"

