



DI Tank Sizing Guidelines

| Tank No. | Dia. (in.) | Resin Volume (cu. ft.) | Flow Rate (gpm) | Cation Capacity (grains) | Anion Capacity (grains) | | Mixed Bed Capacity (grains) |
|----------|---------------|------------------------------|--------------------|--------------------------------|----------------------------|--------|-----------------------------------|
| | | | | | Type 1 | Type 2 | |
| 618 | 6.5 | .25 | 0.75 | 7500 | 3750 | 4500 | 2250 |
| 818 | 8.4 | .5 | 1.5 | 1500 | 7500 | 9000 | 4500 |
| 942 | 9.2 | 1.4 | 5 | 42000 | 21000 | 25200 | 12600 |
| 1242 | 12.8 | 2.5 | 8 | 75000 | 37500 | 45000 | 22500 |
| 1252 | 12.8 | 3. | 8 | 90000 | 45000 | 54000 | 27000 |
| 1447 | 14.0 | 3.5 | 12 | 105000 | 52500 | 63000 | 31500 |

Approximate Capacity Numbers for PEDI Resin

| Resin | Capacity (grains/cu. ft.) |
|--------------------|------------------------------|
| Strong Acid Cation | 30,000 |
| Strong Base Anion | |
| Type 1 | 15,000 |
| Type 2 | 18,000 |
| Mixed Bed | 9,000 |