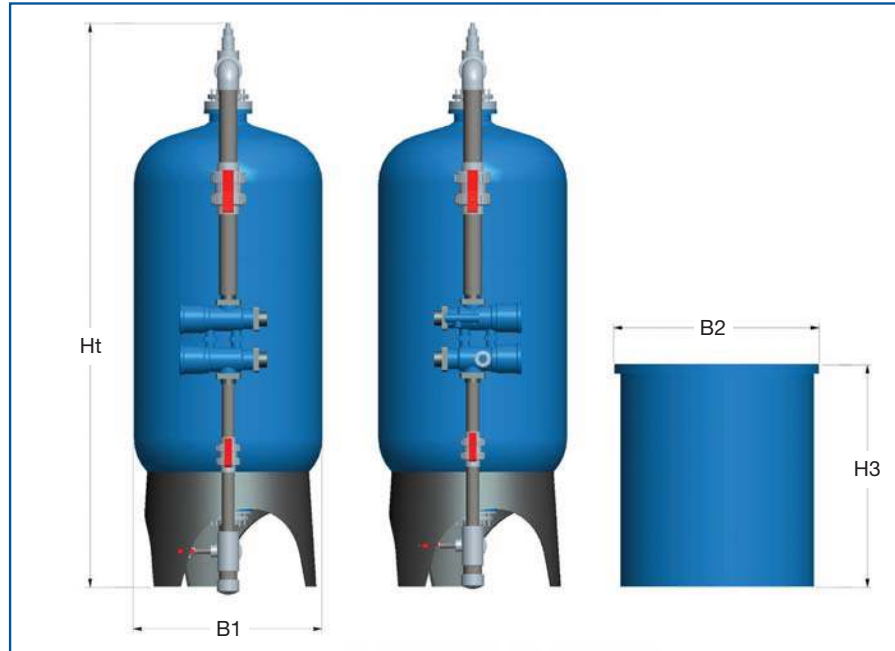


Siata Duplex V360



Dimensions (mm)

| Resin Litres | Softener Ht | Vessel B1 | Brine Tank H3 | Brine Tank B2 | Inlet/Outlet |
|--------------|-------------|-----------|---------------|---------------|--------------|
| 500 | 2250 | 770 | 1290 | 1070 | 2" |
| 750 | 2350 | 927 | 1290 | 1070 | 2" |
| 750HF | 2350 | 927 | 1290 | 1070 | 2½" |
| 850 HF | 2635 | 1074 | 1500 | 1260 | 3" |
| 1000 HF | 2635 | 1074 | 1500 | 1260 | 3" |
| 1250 HF | 2635 | 1226 | 1500 | 1260 | 3" |

General conditions for installation

| | |
|---------------------------|-----------------------------|
| Connection Inlet & Outlet | : 2" (500 - 700 Litre) |
| | : 2½" (750 Litre High Flow) |
| | : 3" (850 - 1250 Litre) |
| Drain Connection * | : 1" |
| Electrical Rating | : 230-12V / 50 Hz |
| Power Rating | : 4.6 VA |
| Minimum Inlet Pressure | : 200 kPa (2 Bar) |
| Maximum Inlet Pressure | : 600 kPa (7 Bar) |
| Vacuum | : Not permitted |
| Average Pressure Loss ** | : 100 kPa (1 Bar) |
| Maximum Water Temperature | : 43°C |

* Open drain required

** It is recommended that a 20µm Pre-cartridge filter be installed prior to the inlet of the water softener



Siata Duplex V360

Resin

Type : Strong acid cation resin - softening, food grade quality
 Life Span : 15 years under normal operating conditions

| Ion exchange | | | | | | |
|---|---------|--------------------|---------------------|---------------------|-------------------|---------------------|
| Litres of Resin | | 500 | 750 | 850 | 1000 | 1250 |
| Softener Capacity as CaCO ₃ | 200ppm | 125m ³ | 187.5m ³ | 212.5m ³ | 250m ³ | 312.5m ³ |
| | 250ppm | 100m ³ | 150m ³ | 170m ³ | 200m ³ | 250m ³ |
| | 300ppm | 83.3m ³ | 125m ³ | 141.6m ³ | 166m ³ | 208.3m ³ |
| Salt Consumption | kg/reg. | 60 | 90 | 102 | 120 | 150 |

| Flow rate | | | | | | | | |
|----------------------------|--|-----------------|-----|-------|-----|------|------|--|
| Litres of Resin | | 500 | 750 | 750HF | 850 | 1000 | 1250 | |
| nominal m ³ /hr | | 20 | 20 | 30 | 34 | 40 | 40 | |
| minimum metered | | 750 Litres/Hour | | | | | | |

Regeneration

Start : Meter Immediate
 : Remote Start
 Manual : Manual operation as required

| Regeneration water usage | | | | | | |
|--------------------------|--------|------|------|------|------|------|
| Litres of Resin | | 500 | 750 | 850 | 1000 | 1250 |
| 1) Backwash | Litres | 950 | 1520 | 1520 | 1520 | 2014 |
| 2) Brining + Slow Rinse | Litres | 940 | 1046 | 1308 | 1620 | 2030 |
| 3) Fast Rinse | Litres | 1330 | 1976 | 2280 | 2432 | 3625 |
| Total | | 3220 | 4542 | 5108 | 5572 | 7669 |

