

Owner's Manual



**Model:
Impression Series**

Section 6 Specifications

6.1 Water Softener

Model		AWP25EB *AWP25EB-FM	AWP32EB *AWP32EB-FM	AWP50EB *AWP50EB-FM	AWP72EB *AWP72EB-FM	AWP90EB *AWP90EB-FM	AWP120EB *AWP120EB-FM
¹ Capacity: (Grains/ lbs. NACL)	Maximum	25600 @ 9.0	32000 @ 15.0	48800 @ 21.0	72800 @ 32.0	90000 @ 45.0	120000 @ 60.0
	Medium	21600 @ 6.0	28400 @ 9.0	44400 @ 15.0	64200 @ 20.0	80000 @ 28.0	107000 @ 36.0
	Minimum	15600 @ 3.0	23600 @ 6.0	35400 @ 9.0	53000 @ 14.0	60000 @ 18.0	88000 @ 24.0
Efficiency (gr./lb) @ Lowest Setting		5200	3900	3900	3800	3300	3700
Amount of Media		0.02 m ³ (0.85 ft ³)	0.03 m ³ (1.0 ft ³)	0.04 m ³ (1.5 ft ³)	0.07 m ³ (2.5 ft ³)	0.08 m ³ (3.0 ft ³)	0.11 m ³ (4.0 ft ³)
Maximum Water Hardness		50 gpg	75 gpg	100 gpg	100 gpg	100 gpg	100 gpg
² Maximum Iron	Standard Resin	1 ppm	1 ppm	1 ppm	1 ppm	1 ppm	1 ppm
	Fine Mesh Resin	2 ppm	2 ppm	2 ppm	2 ppm	2 ppm	2 ppm
Minimum pH Required		7	7	7	7	7	7
³ Peak Flow Rate @ 15 psid		11.4 gpm (43.2 lpm)	17.1 gpm (65 lpm)	14.3 gpm (54.1 lpm)	18.5 gpm (70 lpm)	19.0 gpm (72 lpm)	19.2 gpm (73 lpm)
Continuous Flow Rate @ 5 psid		5.0 gpm (19 lpm)	6.0 gpm (23 lpm)	5.0 gpm (19 lpm)	7.0 gpm (26.5 lpm)	8.0 gpm (30.3 lpm)	8.0 gpm (30.3 lpm)
Water Pressure Range		25-100 psi	25-100 psi	25-100 psi	25-100 psi	25-100 psi	25-100 psi
Water Temperature		0.5-37.7°C (33- 100°F)	0.5-37.7°C (33- 100°F)	0.5-37.7°C (33- 100°F)	0.5-37.7°C (33- 100°F)	0.5-37.7°C (33- 100°F)	0.5-37.7°C (33- 100°F)
Electrical Requirements		110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz	110 V/50-60 Hz
Pipe Size		3/4" brass	3/4" brass	3/4" brass	3/4" brass	1" brass	1" brass
Total Dimension	Media Tank (width x height)	20.3 cm x 132.1 cm (8" x 52")	25.4 cm x 132.1 cm (10" x 52")	25.4 cm x 157.5 cm (10" x 62")	33 cm x 157.5 cm (13" x 62")	35.6 cm x 185.4 cm (14" x 73")	41 cm x 185.4 cm (16" x 73")
	Brine Tank (width x height)	45.7 cm x 91.4 cm (18" x 36")	45.7 cm x 91.4 cm (18" x 36")	45.7 cm x 91.4 cm (18" x 36")	45.7 cm x 91.4 cm (18" x 36")	45.7 cm x 91.4 cm (18" x 36")	45.7 cm x 91.4 cm (18" x 36")
Shipping Weight		36.3 kg (80 lbs)	49.9 kg (110 lbs)	63.5 kg (140 lbs)	99.8 kg (220 lbs)	132 kg (290 lbs)	166 kg (365 lbs)

* Extra Iron Capacity - These units feature unique fine mesh resin for high capacity hardness reduction and increased clear water iron (ferrous) removal up to 5 ppm.

¹ All Impression units are factory set for Medium salting.

² Iron removal may vary depending on form of iron, pH and other local conditions.

³ The peak flow rates listed above do not represent the maximum service flow rate for determining the softener capacity and efficiency ratings. Continuous operation at flow rates greater than the maximum service flow rate may affect capacity and efficiency performances.