

# TECHNICAL SPECIFICATIONS

## ULTRA LINE

MODEL	PIPING in-out  inches	EXCHANGE CAPACITY *				Q.ty of Resin  litres	FLOW RATE  maximum  m <sup>3</sup> /h	RESIN TANK DIMENSIONS		SALT TANK DIMENSIONS		WEIGHT	
		minimum  m <sup>3</sup> •°f	salt  kg	maximum  m <sup>3</sup> •°f	salt  kg			diameter  mm	height  mm	diameter  mm	height  mm	operating  kg	shipping  kg
HA 200	1½	734	14	1188	41	198	18	500	1915	715	1310	495	395
HA 230	1½	838	16	1359	45	226	18	500	1915	715	1310	530	425
HA 290	2	1047	20	1698	57	283	26	600	1930	850	1320	715	570
HA 320	2	1150	22	1869	62	311	26	600	1930	850	1320	750	600
HA 430	2	1570	30	2550	85	424	30	750	1980	1025	1290	1080	860
HA 510	2	1887	36	3060	102	510	30	750	1980	1025	1290	1160	930
HA 770	2	2827	54	4587	153	764	34	950	2056	1070	1360	1830	1470
HA 850	2	3141	60	5097	170	849	34	950	2056	1070	1360	1940	1550
HA 1200	2	4503	86	7136	243	1217	34	1200	2170	1580	1260	2800	2240
HA 1400	2	5235	100	8325	283	1415	34	1200	2170	1580	1260	3000	2420
HB 770	2½	2830	54	4587	153	764	50	950	2056	1070	1360	1840	1480
HB 850	2½	3141	60	5097	170	849	50	950	2056	1070	1360	1950	1560
HB 1200	2½	4503	86	7136	243	1217	50	1200	2170	1580	1260	2810	2250
HB 1400	2½	5235	100	8325	283	1415	50	1200	2170	1580	1260	3010	2430
HB 1700	4	5970	111	10430	328	1568	114	1500	2620	1580	1260	6105	3355
HB 2100	4	7520	150	11390	328	1904	114	1500	2620	1580	1260	6354	3644
HB 2500	4	8470	165	16050	564	2296	114	1800	2660	BRINE MAKER Δ		8480	4500
HB 3000	4	9680	186	18480	660	2632	114	1800	2660			8760	4790
HB 4500	6	15520	300	28500	1020	4032	227	2100	3030			13080	7300
HB 6600	6	23180	450	42900	1500	6020	227	2500	3100			19585	10485

\* The exchange capacity is based on water having 40°f (400 ppm as CaCO<sub>3</sub>) of total hardness, 500 ppm TDS, no oil, no colour, no turbidity and a continuous service flow rate. However, it may change depending on other parameters, such as Chlorides, available pressure, discontinuous flow of treated water, the quality and the type of regenerant used.

Δ Brine Maker dimensions are indicated in the design drawings.

## OPERATING DATA

	HI-FLO 2	SOFT MINDER TWIN PLUS	ULTRA LINE
MAXIMUM OPERATING PRESSURE	8.5 BAR	8.5 BAR	7 BAR UP TO MODEL HB 2100 5 BAR FROM MODEL HB 2500
OPERATING TEMPERATURE	5-50 °C	5-50 °C *	5-50 °C *
POWER SUPPLY	24/230 V - 50 Hz SINGLE-PHASE + EARTH	24/230 V - 50 Hz SINGLE-PHASE + EARTH	24/230 V - 50 Hz SINGLE-PHASE + EARTH
INSTALLED POWER	20 W	20 W	20 W

\* Noryl valves can be employed for temperatures up to 40° C.