



IT-ED45-HI



IT-ED30-HI



IT-ED24-HI



IT-ED18-HI



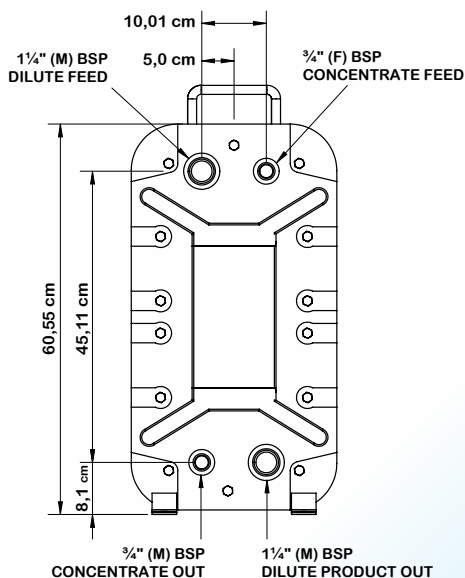
IT-ED10-HI



IT-ED04-HI

Shipping weight	170 kg	125 kg	105 kg	95 kg	70 kg	55 kg
Operating weight	148 kg	106 kg	86 kg	76 kg	53 kg	37 kg
Dimensions approx (h x w x d)	665x320x778 mm	665x320x563 mm	665x320x475 mm	665x320x386 mm	665x320x268 mm	665x320x179 mm
Flowrates min / nom / max	2,6/5,1/7,6 m <sup>3</sup> /h	1,7/3,4/5,1 m <sup>3</sup> /h	1,4/2,6/4,1 m <sup>3</sup> /h	1,1/2,0/3,0 m <sup>3</sup> /h	0,6/1,1/1,7 m <sup>3</sup> /h	0,22/0,44/0,67 m <sup>3</sup> /h
DC Voltage	0-400 VDC	0-320 VDC	0-290 VDC	0-240 VDC	0-135 VDC	0-55 VDC

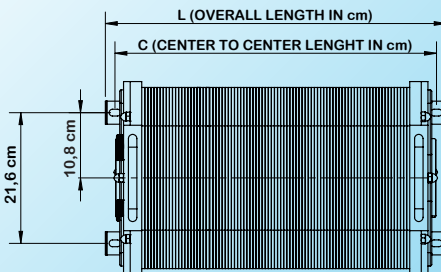
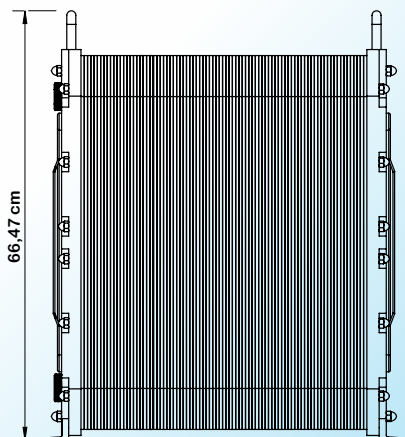
## IONTECH<sup>®</sup> HI-SERIES



Typical Performance	
Product Resistivity	< 0,10 $\mu$ S/cm
Silica (SiO <sub>2</sub> ) Removal (Depending on feedwater conditions)	90 - 99 %

Operating Parameters	
Recovery	90 - 95 %
Max. Feed Pressure	6,9 bar
DC Amperage	0 - 6 Amp
Pressure Drop Range at Nominal Flow	1,4 - 2,1 bar

Max. Feedwater Specifications	
Feedwater source	RO permeate
Feedwater conductivity equivalent, including CO <sub>2</sub> and Silica	< 40 $\mu$ S/cm
Temperature min to max	5 to 60 °C
Inlet pressure	1,4 - 7 bar
Free chlorine (as Cl <sub>2</sub> )	< 0,02 ppm
Iron (as Fe)	< 0,01 ppm
Manganese (as Mn)	< 0,01 ppm
Sulfide (S <sup>2-</sup> )	< 0,01 ppm
Total hardness (as CaCO <sub>3</sub> )	< 1,0 ppm
Dissolved organics (TOC as C)	< 0,5 ppm
Silica (SiO <sub>2</sub> )	< 1,0 ppm
pH	4 - 11



PART NUMBER	"C"	"L"
IT-ED04- HI	147	179
IT-ED10- HI	236	268
IT-ED18- HI	354	386
IT-ED24- HI	443	475
IT-ED30- HI	531	563
IT-ED45- HI	746	778



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