

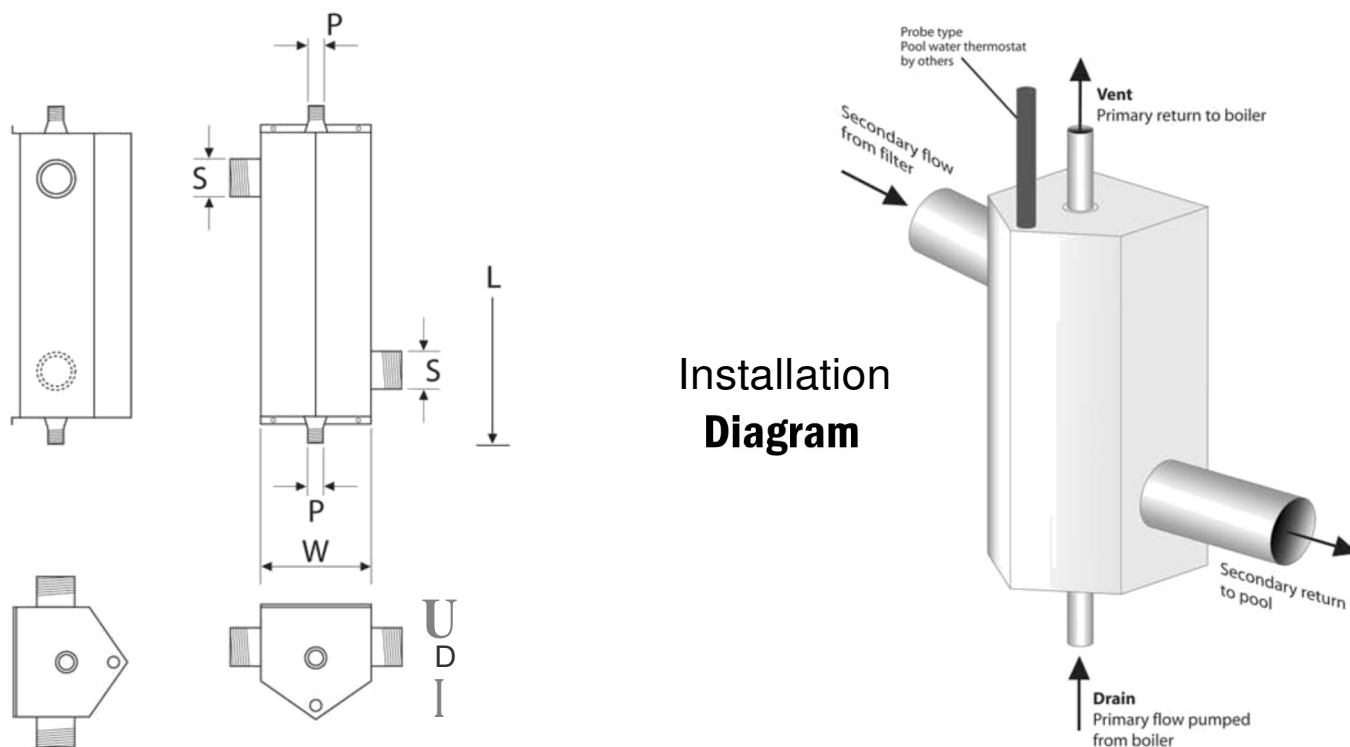
STAINLESS STEEL HEAT EXCHANGERS

IDEAL FOR SWIMMING POOLS, KOI PONDS & SOLAR

Stainless Steel Heat Exchanger Specifications

Code Numbers		60	100	130	170	230	460
*Maximum Output	B.T.U. Kw	60000 17.6	100000 29.3	130000 38.1	170,000 49.8	230,000 67.4	460,000 134.7
Filter Secondary Flow	gpm m3/hr	15 4	24 7	31 9	41 11	65 18	103 29
Boiler Primary Flow	gpm m3/hr	6 2	9 3	11 3	15 4	20 6	38 10
Primary Water Design Flow Temperature	- F	82 180	82 180	82 180	82 180	82 180	82 180
Primary Water Design Return Temperature	F	71 160	71 160	71 160	71 160	71 160	71 160
Primary Head Loss	ft mb	1 40	2 80	2% 95	3 110	3% 130	5 150
Dimensions							
W Width:-	Inches mm	4W 116	4W 116	4W 116	4W 116	4W 116	
L Length:-	Ins mm	9W 240	11 1/4' 287	16W 417	21 1/4' 543	27W 695	30W 775
D Depth:-	Ins mm	5W 140	5W 140	5W 140	5W 140	5W 140	5W 140
P Primary Connections BSP Male Thread	Ins mm	1" 25.4	1" 25.4	1" 25.4	1" 25.4	1" 25.4	1W 38.1
S Secondary Connections BSP Male Thread	Ins mm	1 1/8" 38.1	1 1/8" 38.1	1 1/8" 38.1	1 1/8" 38.1	1W 38.1	2 50.8
Weight	lbs kgs	6 2.5	7 3	10 4.5	13 6	16 7.5	38 17.5

*Please note that output decreases as the pool water temperature increases and the calculations shown above are based on a primary water design flow temperature of 82CC (180F) and return temperature of 71°C (160F)



SPECIFICATION NOTES

1. Always install the heat exchanger vertically - see diagram above.
2. To prevent corrosion within the heat exchanger when chemical dosing equipment is used, it must be installed after/downstream of the heat exchanger in conjunction with a non-return valve.
3. Care must be taken to insure that no chemical residue can enter the heat exchanger when the system is not running. This process should be an integral part of decommissioning.
4. p.H. Should be kept between 7.2 - 7.6 to prevent scaling and corrosion.
5. To retain heat and prevent heat loss we suggest that our heat exchanger is used in conjunction with a pool cover.