

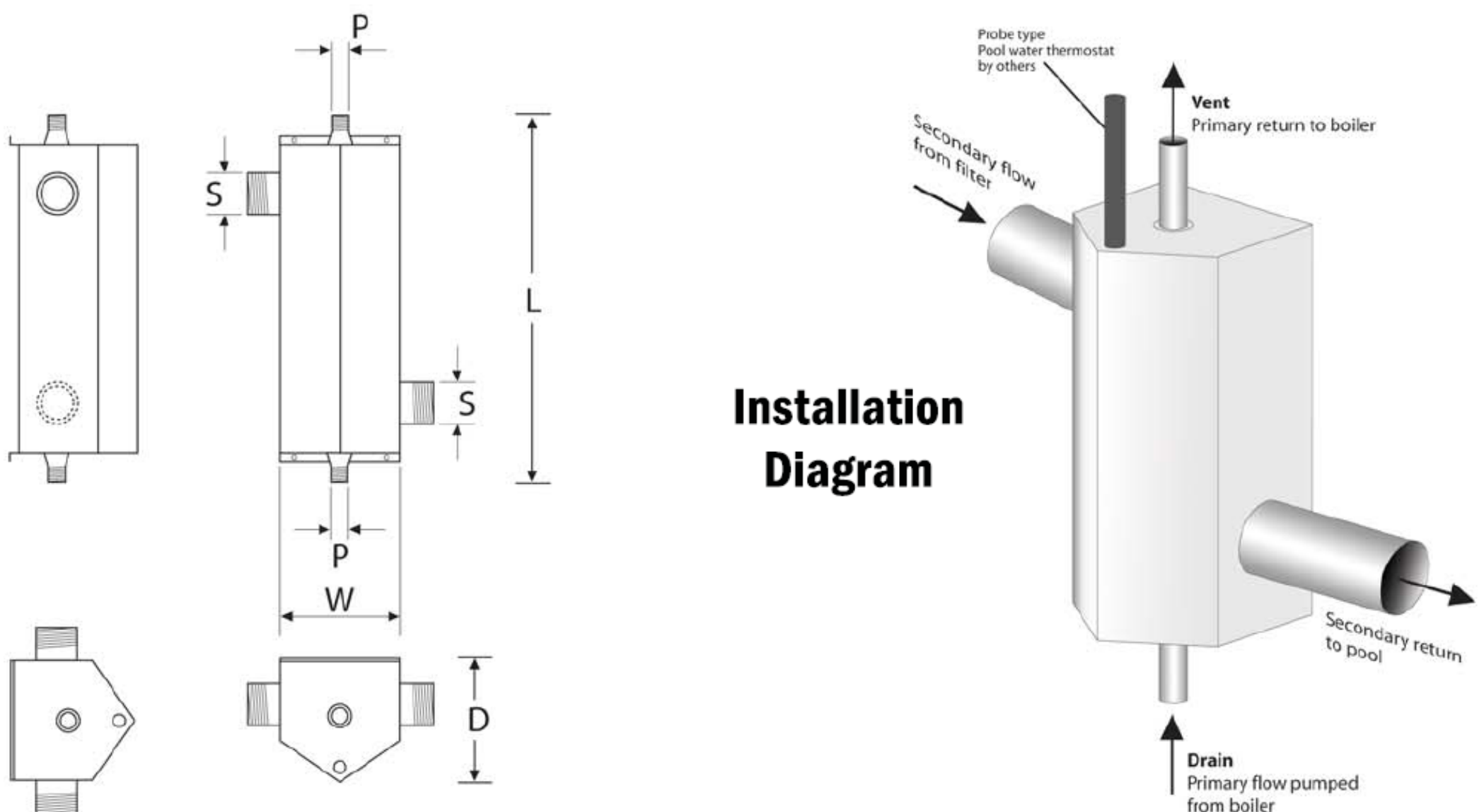
# STAINLESS STEEL HEAT EXCHANGERS

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	60,000 17.6	100,000 29.3	130,000 38.1	170,000 49.8	230,000 67.4	460,000 134.7
Filter Secondary Flow :-	gpm	15	24	31	41	65	103
	m3/hr	4	7	9	11	18	29
Boiler Primary Flow :-	gpm	6	9	11	15	20	38
	m3/hr	2	3	3	4	6	10
Primary Water Design Flow Temperature :-	° C	82	82	82	82	82	82
	° F	180	180	180	180	180	180
Primary Water Design Return Temperature :-	° C	71	71	71	71	71	71
	° F	160	160	160	160	160	160
Primary Head Loss :-	ft	1	2	2½	3	3¾	5
	mb	40	80	95	110	130	150
<b>Dimensions</b>							
W Width :-	Inches	4½"	4½"	4½"	4½"	4½"	8½"
	mm	116	116	116	116	116	220
L Length :-	Ins	9½"	11½"	16½"	21¾"	27¾"	30½"
	mm	240	287	417	543	695	775
D Depth :-	Ins	5½"	5½"	5½"	5½"	5½"	5½"
	mm	140	140	140	140	140	140
P Primary Connections BSP Male Thread :-	Ins	1"	1"	1"	1"	1"	1½"
	mm	25.4	25.4	25.4	25.4	25.4	38.1
S Secondary Connections BSP Male Thread :-	Ins	1½"	1½"	1½"	1½"	1½"	2"
	mm	38.1	38.1	38.1	38.1	38.1	50.8
Weight :-	lbs	6	7	10	13	16	38
	kgs	2.5	3	4.5	6	7.5	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 82°C (180°F) and return temperature of 71°C (160°F)



### 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.