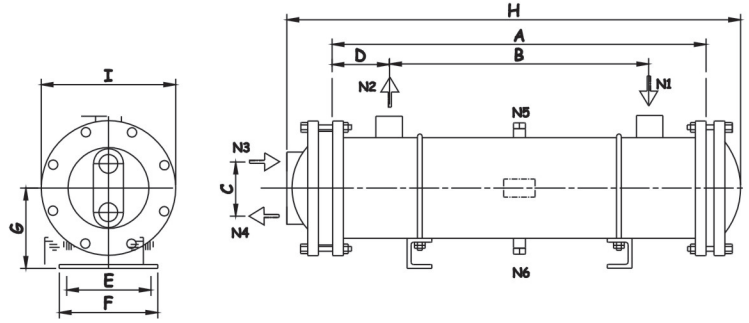




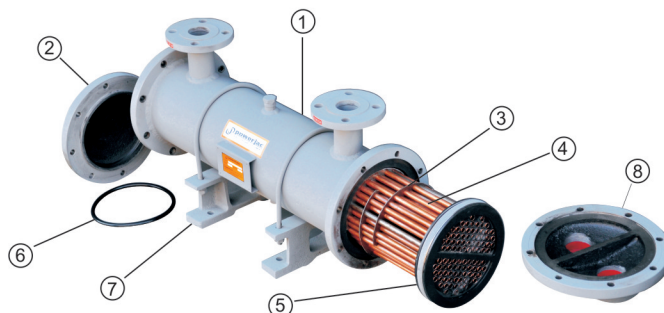
## Shell & Tube Water Oil Cooler



Model	HP	KW	Kcal/Hr	LPM	Size Inch	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	N1 inch	N2 inch	N3 inch	N4 inch	N5/N6 inch
POC 2	2	1.5	1400	15	4X18	432	290	58	71	114	150	120	525	180	3/4"BSP	3/4"BSP	1"BSP	1"BSP	1/4"BSP
POC 3	3	2.0	2200	20	4X20	483	335	58	74	114	150	120	576	180	3/4"BSP	3/4"BSP	1"BSP	1"BSP	1/4"BSP
POC 5	5	3.0	3000	30	4X24	584	434	58	75	114	150	120	677	180	3/4"BSP	3/4"BSP	1"BSP	1"BSP	1/4"BSP
POC 7.5	7.5	5.0	4750	50	4X30	737	587	58	75	114	150	120	830	180	3/4"BSP	3/4"BSP	1"BSP	1"BSP	1/4"BSP
POC 10	10	7.0	6000	60	5X24	584	434	65	75	141	180	132	687	202	1"BSP	1"BSP	1 1/4"BSP	1 1/4"BSP	1/4"BSP
POC 15	15	10	9500	80	5X30	737	587	65	75	141	180	132	840	202	1"BSP	1"BSP	1 1/4"BSP	1 1/4"BSP	1/4"BSP
POC 20	20	14	13000	125	6X24	584	415	90	85	165	210	148	685	228	1.5"NB	1.5"NB	1.5"BSP	1.5"BSP	1/4"BSP
POC 25	25	18	17500	150	6X30	737	567	90	85	165	210	148	838	228	1.5"NB	1.5"NB	1.5"BSP	1.5"BSP	1/4"BSP
POC 30	30	22	23500	200	8X24	584	414	115	85	220	275	170	713	282	1.5"NB	1.5"NB	2"BSP	2"BSP	3/8"BSP
POC 40	40	28	31000	250	8X24	584	414	115	85	220	275	170	713	282	1.5"NB	1.5"NB	2"BSP	2"BSP	3/8"BSP
POC 50	50	36	34000	300	8X30	737	567	115	85	220	275	170	866	282	1.5"NB	1.5"NB	2"BSP	2"BSP	3/8"BSP
POC 60	60	44	37500	350	8X36	889	669	115	110	220	275	170	1018	282	2"NB	2"NB	2.5"BSP	2.5"BSP	3/8"BSP
POC 70	70	52	43750	400	8X42	1042	792	115	125	220	275	170	1171	282	2.5"NB	2.5"NB	2.5"BSP	2.5"BSP	3/8"BSP
POC 80	80	58	58000	450	8X48	1194	944	115	125	220	275	170	1323	282	2.5"NB	2.5"NB	2.5"BSP	2.5"BSP	3/8"BSP

Part Name	Material	Construction
SHELL	Carbon steel (Stainless steel Shell on request)	Steel Tube to accommodate the tube bundle
END COVER	Cast Iron (Mild steel on request)	The End Covers are of bolted for removal of tube bundle from shell side for ease of replacement
BAFFLES	Carbon steel (Mild steel, Brass & Stainless steel on request)	Machine drilled and reamed accurately to maximize thermal efficiency
TUBES	Copper (Brass, Stainless steel & Copper Nickel on request)	SB - 111 C - 12200
TUBE SHEET	Mild Steel (Brass & Stainless steel on request)	Tube Sheet plate is machined, drilled and reamed accurately to accommodate the tubes precisely
SEAL/'O' RING	Neoprene	To ensure high tightness and restrict any fluid contamination, easily replaceable
DRAIN PLUG	Mild Steel	Accurately machined and threaded

Part No.	Name
1	Shell
2	End Cover
3	Baffles
4	Tubes
5	Tube Sheet
6	Seal / 'O' Ring
7	Mounting Feet
8	Front Cover



Description	Shell Side	Tube Side
Fluid Circulated	Oil	Water
No. of passes	One	Two
Design temperature °C	100	50
Design pressure Kg/Sq cm	10	5
Hydro test pressure Kg/Sq m	15	7.5

