

# TECCON



## HYDRAULIC OIL COOLERS SHELL & TUBE TYPE

All Teccon Hydraulic oil coolers are either fixed or of packed floating head type in general and are suitable for fitment on the return line of a hydraulic oil system. Hence the normal design pressure of these coolers is 10 Bar and are tested for a hydrostatic pressure of 15 Bar. However on specific request these coolers can be designed for high pressure circuit as high as 50-75 Bar.

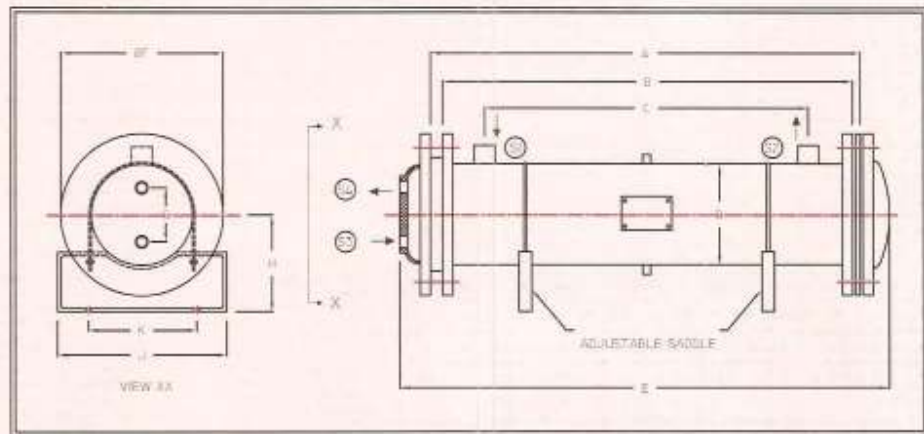
The hydraulic oil coolers designed by us have found extensive usage in powerpacks, presses, dredgers, plastics injection equipment and a number of other hydraulic systems. Teccon is a leader in the design of these coolers and these coolers are being exported along with machine tools as O.E. attachment. All Teccon Coolers are designed as per IS, DIN or TEMA Standards.



FOR TECHNICAL BRILLIANCE AND ENGINEERING EXCELLENCE

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## HYDRAULIC OIL COOLERS, SHELL & TUBE TYPE



### DIMENSIONAL DETAILS

ALL DIMENSIONS IN MM UNLESS SPECIFIED

SIZE	A	B	C	ØD/K	E	ØF/J	G	H	HEAT DUTY Kcal/hr		S1 & S2 SOCKET/FLANGED	S3 & S4 ISP	FLOW RATE (GPM)	
													OIL	WATER
4 X 18	460	420	350	114	565	190	75	110	1500		3/4"	3/4"	8	10
4 X 24	610	570	430		715				2400				15	15
4 X 30	760	725	570		865				3000				18-20	20
5 X 24	610	570	430	142	735	225	80	130	5000		1"	1"	30	30
5 X 30	760	725	570		885				6000				32-35	40
6 X 24	610	570	430		730				7500   10,000				60	60
6 X 30	760	725	570	167	880	250	90	150	13,500		1"	1"	80	75
6 X 36	915	875	730		1035				18,000				105	100
6 X 42	1062	1028	880		1182				22,000				120	120
6 X 48	1220	1180	1020	192	1340	275	90	160	24,000		1 1/2"	1 1/2"	140	140
7 X 30	760	725	570		880				28,000				140	140
8 X 30	760	725	570		905				32,000				180	180
8 X 36	915	875	730	220	1060	365	110	190	34,000		2"	1 1/2"	220	240
8 X 48	1220	1180	1020		1365				38,000				240	250
8 X 60	1525	1485	1330		1670				45,000				280	290
10 X 48	1220	1180	1020	270	1405	420	160	215	60,000		3"	2"	320	340
10 X 60	1525	1480	1330		1710				75,000				350	380
12 X 48	1220	1180	1020		1405				90,000				350	380
12 X 60	1525	1480	1320	323	1710	420	200	260	1,20,000		400	400		

Note :

1. All oil coolers designed for oil inlet / outlet temp. 60-55 / 52-47 °C
2. Cooling water inlet temp. 32 °C max
3. Heat exchangers will be supplied with mating flange on oil side.

For further details please consult :



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