

Hydraulic Coolers

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Hydraulic Coolers are commonly used in industrial and mobile applications for cooling a single fluid, like hydraulic, diesel, oil. When oil enters the cooler: cool, more viscous oil flows through the cooler by pass, air temperature stays cool when the oil is cool; warm, less viscous oil flows only through the cooler core, air drawn through the cooler drops oil temperature, which increases hydraulic efficiency and extends oil and hydraulic components lifetime.

There are various types of hydraulic coolers, typically are:



Hydraulic Fan Motor Oil Cooler

Model No	Threaded	Flow (Lpm)	Cooling Power ($\Delta T=30^{\circ}\text{C}$)	Pressure (Mpa)	Fan power (W)	Heat transfer m^2
AH0608T	PT 3/4 "	50	1.5Kw	2.5	38	0.9
AH0608TL	PT 3/4 "	50	3.0Kw	2.5	76	1.5
AH0610T	G1/2"	50	2.2Kw	2.5	38W	1.3
HD0810T	PT 3/4 "	60	3.3Kw	2.5	65	1.3
AH1012T	G 1"	100	4.4Kw	2.5	80	3.2
HD1018T	G1"	100	6.0Kw	2.5	80	3.6
AH1417T	G 1"	120	8.0Kw	2.5	100	4.5
AH1418T	G 1"	150	10Kw	2.5	240	5.8
AH1470CK	G1 1/4"	200	14Kw	2.5	240	7.8
HD1490T1	G1 1/4"	200	15Kw	2.5	150	9.3
HD1492T	G1 1/4"	200	18Kw	2.5	240	10.6
AH1680T	G1 1/2"	250	21Kw	2.5	110	11.3
HD1670AC	G1/2"	250	20Kw	2.5	240	11
HD1618T	PT 1 "	150	14Kw	2.5	240	8.9
HD1690T	G1 1/2"	250	23.5Kw	2.5	200	14
HD1861T	G1 1/2"	300	25Kw	2.5	480	16.5
HD1870T	G1 1/2"	300	28Kw	2.5	250W	18.3
HD2095T	G1 1/2"	350	30Kw	2.5	500	19
AH2490T	G1 1/2"	450	40Kw	2.5	640	28
HD1895DC	G1 1/2"	480	28.5Kw	2.5	480	19
AH24100	G1 1/2"	500	45kW	2.5	1100	31.2
HD6042	G 2"	600	52Kw	2.5	800	42



Hydraulic Motor Oil Cooler

Model	Threaded	Flow l/min	Cooling Power ($\Delta T=30^{\circ}\text{C}$)	Pressure Mpa	Displacement of motor	Motor Pressure Mpa	Heat Transarea m^2
HM1490	G 1/2"	200	15Kw	2.5	8ml/r	25	9.3
HM1680	G1 1/2"	250	21Kw	2.5	8ml/r	25	11.3
HM2095	G1 1/2"	350	21Kw	2.5	16ml/r	25	19.0
HM1880	G1 1/2"	300	21Kw	2.5	16ml/r	25	19.0
HM24100	G1 1/2"	500	45Kw	2.5	25ml/r	25	31.2
HM6042	G1 1/2"	600	52Kw	2.5	25ml/r	25	42



Explosion-proof Fan Motor Oil Cooler

Model No	Threaded	Flow (Lpm)	Cooling Power ($\Delta T=30^{\circ}\text{C}$)	Pressure (Mpa)	Fan power (W)	Heat transfer m^2
HD1012FB	G1"	100	6.0Kw	2.5	180	3.0
HD1490FB	G1 1/4"	200	15Kw	2.5	250	9.3
AH1680FB	G1 1/2"	250	22Kw	2.5	550	11.5
HD2095FB	G1 1/2"	350	30Kw	2.5	1100	20
HD18140FB	G1 1/2"	480	35Kw	2.5	550	23.2

For more details, please contact with us at: info@chance-hydraulics.com