

Water Cooled After Cooler

Mellcon water cooled after coolers are high performance shell and tube heat exchangers connected to a moisture separator and a drain trap. All after coolers are individually stage wise inspected as per IS-2825/ASME/TEMA standards. The tubes used are high quality copper/cupro nickel/SS/carbon steel as per user's requirement. All flanges and tube sheets conform to ANSI B 16.5 standards. The capacity of the after coolers are ranging from 10 CFM to 10,000 CFM working pressure up to 150 kg/cm² (g) which will be ready for installation with air/gas inlet/outlets and water inlet/outlet nozzles.



SPECIFICATIONS FOR WATER COOLED AFTER COOLERS WITH MOISTURE SEPARATOR

MODEL NO. WCAC	CAPACITY		OVERALL LENGTH	OVERALL DIA'	IN/OUT CONNECTOIONS	
	M ³ / HR	CFM			AIR	WATER
01	48.9	30	1100	4"	1/2"	1/2" BSP SOCKET
02	81.5	50	1100	4"	1"	3/4" BSP SOCKET
03	122.7	75	1100	4"	1"	1" BSP SOCKET
04	163.0	100	1200	6"	1"	1" BSP SOCKET
05	244.5	150	1500	6"	1.5"	1" BSP SOCKET
06	326.0	200	1500	8"	1.5"	1" BSP SOCKET
07	489.0	300	1800	8"	1.5"	2" FLANGE
08	652.0	400	1800	8"	2"	2" FLANGE
09	815.0	500	1800	8"	2"	2" FLANGE
10	978.0	600	2200	10"	2"	2" FLANGE
11	1222.0	750	2200	12"	3"	2" FLANGE
12	1630.0	1000	2200	14"	3"	2" FLANGE
13	2037.0	1250	2300	16"	3"	3" FLANGE
14	2445.0	1500	2400	18"	4"	3" FLANGE
15	3260.0	2000	2400	20"	4"	4" FLANGE
16	4075.0	2500	2700	20"	5"	4" FLANGE
17	4890	3000	2700	24"	5"	4" FLANGE

Note:

1. The above coolers are available in horizontal as well as vertical installation. Standard supply is vertical installation
2. All above capacities are at a pressure of 8.0 bar. For other pressures and higher capacities, please contact us.