COOLBIT

選型表 Quick selection

AH SERIES Maximum dynamic pressure : 20 bar.

To Preserve The Heat Exchangers, An Anti-Explosion Valve or By-Pass Valve Should Always Be Mounted.

AH	Thread Rc/PT"	FanDia. m\m	Cooling Capacity Kcal/h △t=30℃	Hydraulic System Hp	L×H×W m/m	Weight Kg	Phase	Safety Reg.	Page
AH0608T	3/4"	150	1, 200	1 ~ 2	305×200×115	4. 2	Single	CE	15
AH0608LT	3/4"	150 × n2	2, 400	2 ~ 3	405×200×115	6	Single	CE	16
AH1012	1"	250	5, 000	3 ~ 5	417×360×200	10	Single	CE, CCC	17
AH1012-3P	1"	250	5, 500	3 ~ 5	417×360×200	10	3	CE, CCC	17
AH1215	1"	300	7, 000	5 ~ 7.5	510×390×210	15	3	CE, CCC	18
AH1417	1"	350	9, 000	7.5 ~ 10	570×411×200	11	Single	x	19
AH1470	1 1/4"	350	11, 000	10 ~ 15	570×407×225	13	Single	x	19
AH1418	1"	350	10, 000	7.5 ~ 10	570×420×200	17	3	CE, CCC	20
AH1428	1 1/4"	350	13 000	15 ~ 20	570×420×230	21	3	CE, CCC	21
AH1490	1 1/2"	350	16, 000	20 ~ 25	520×640×300	30	3	CE, CCC	22
AH1680	1 1/2"	400	21, 000	25 ~ 40	520×640×320	35	3	CE, CCC	23
AH1890	1 1/2"	450	25, 000	30 ~ 50	650×800×380	52	3	CE, CCC	24
AH2342	1 1/2"	560	37 000	50 ~ 75	605×935×543	80	3	CE	25
AH2342A	1 1/2"	560	37, 000	50 ~ 75	920×670×543	80	3	CE	26
AH2583	1 1/2"	630	50, 000	75 ~ 100	645×950×630	100	3	CE	27
AH2890	1 1/2"	700	60, 000	100 ~ 125	875×1000×900	150	3	CE	28
AH2-2585	1 1/2"	560 × n2	90, 000	125 ~ 200	850×1800×735	250	3	CE	29
AH3-2583	1 1/2"	630 × n3	140, 000	300	875×2400×700	300	3	CE	30

AW SERIES---For Higher Pressure, Variable Displacement Piston Pump, Drain Port

AW	Thread Rc/PT"	Flow L/Min	Max. Pressure Mpa	Cooling Capacity Kcal/h △t=30℃	L×H×W m/m	Weight Kg	Phase Phase	Safety Reg.	Page
AW0607	1/2"	20	1. 5	700	250×200×108	3. 3	Single	CE, CCC	31
AW0608	1/2"	20	1. 5	900	310×200×108	3. 7	Single	CE, CCC	32
AW0608L	1/2"	20	1. 5	1500	410×200×108	5. 2	Single	CE, CCC	33

AL SERIES---This series do not withstand pressure peaks

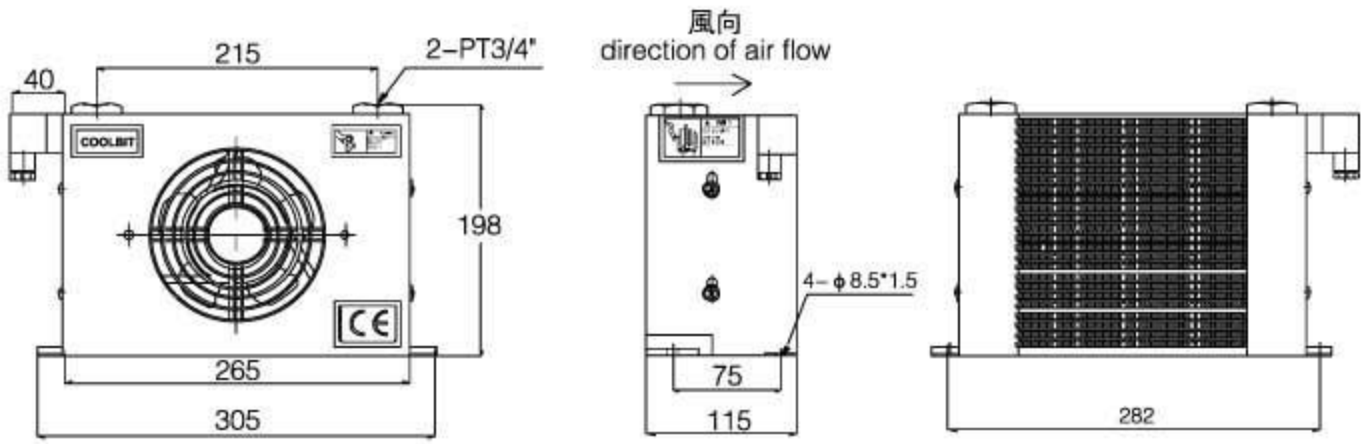
For Variable Vane Pump Pressure Setting Pressure Under 70 Bar,Drain Port Only

AL	Thread RC/PT"	Flow L/Min	Max. Pressure Mpa	Cooling Capacity Kcal/h △t=30℃	L×H×W m/m	Weight Kg	Phase Phase	Safety Reg.	Page
AL404	1/2"	10	1		250×203×67	1			34
AL404-A*	1/2"	10	1	1100	250×203×120	2. 25	Single	x	35
AL404-CA*	1/2"	10	1	1200	250×203×120	2. 85	Single	CE, CCC	36
AL404-4A*	1/2"	10	1	800	250×203×98	1. 75	Single	x	37
AL608	3/8"	10	1		250×203×57	0. 75			34
AL608-A*	3/8"	10	1	800	250×203×110	2	Single	x	35
AL608-CA*	3/8"	10	1	900	250×203×110	2. 6	Single	CE, CCC	36
AL608-4A*	3/8"	10	1	600	250×203×88	1. 5	Single	x	37
AL609	1/2"		1		250×203×57	0. 75			34

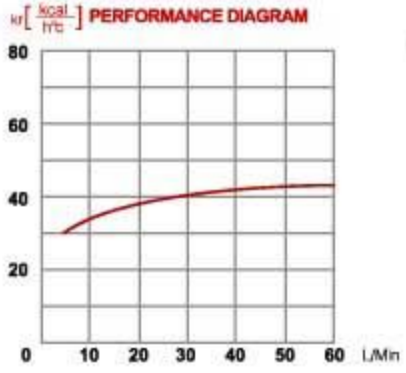
COOLBIT

AH0608T

To avoid the leakage caused by peak pressure, an Anti-Explosion Valve or By-Pass Valve should be always mounted. Off-Line cooling is strongly recommended. Pumping the oil from the tank to the heat exchanger with a separated cooling pump. Please refer to 《Installation & Maintenance》 for more detail.

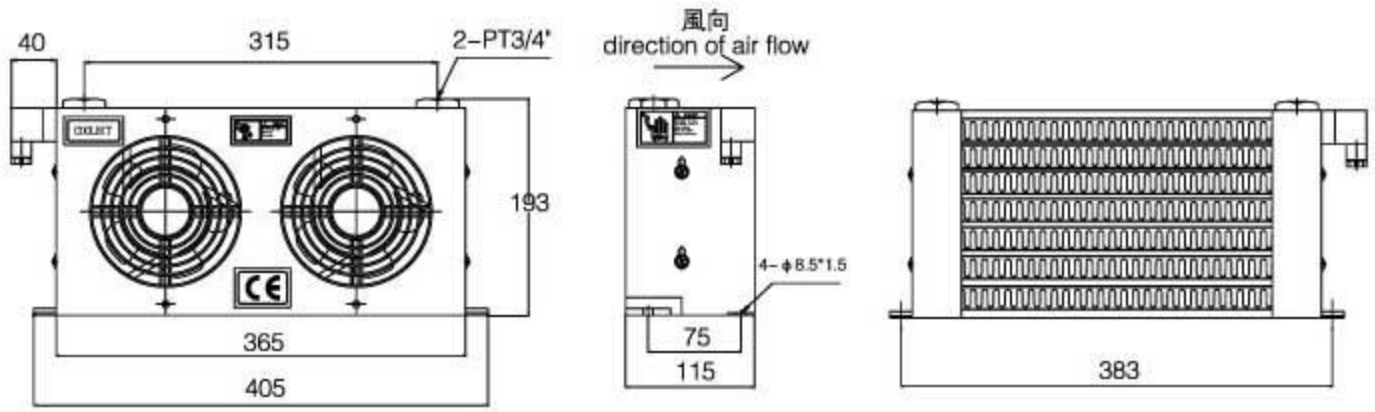


Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification	Note
	L/min	V	Hz	W	A	R.P.M	m³/h	IP	dB(A)		
AH0608T-CA3		1P 380	50/60	30/25	0.16/0.14	2850/3450	457/553	54	42/48	CE	With Thermal Protection Switch
AH0608T-CA2		1P 230	50/60	45/37	0.27/0.23	2850/3450	457/553	54	42/48	CE	
AH0608T-CA1	3-60	1P 115	50/60	45/37	0.6/0.5	2850/3450	457/553	54	42/48	CE	
AH0608T-CD1		DC 12		19.2	1.6	3350	500		51	CE	
AH0608T-CD2		DC 24		19.2	0.8	3350	420		51	CE	

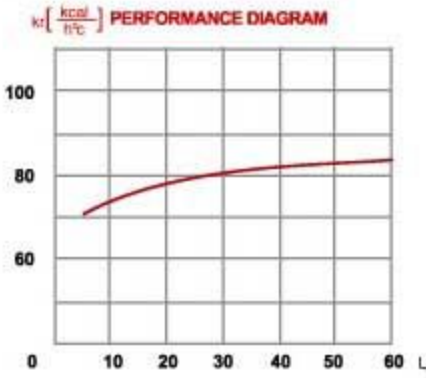


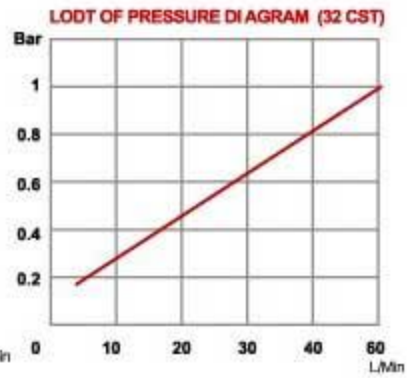
AH0608LT

To avoid the leakage caused by peak pressure, an Anti-Explosion Valve or By-Pass Valve should be always mounted. Off-Line cooling is strongly recommended. Pumping the oil from the tank to the heat exchanger with a separated cooling pump. Please refer to 《Installation & Maintenance》 for more detail.



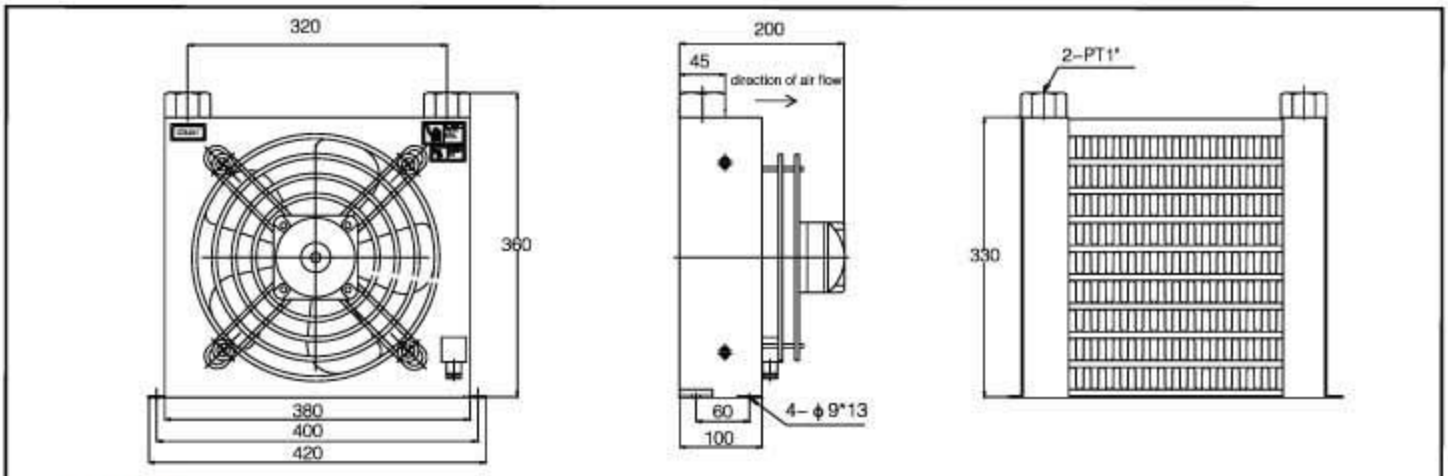
Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification	Note
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB (A)		
AH0608LT-CA3		1P 380	50/60	60/50	0. 32/0. 28	2850/3450	914/1106	54	42/48	CE	With Thermal Protection Switch
AH0608LT-CA2		1P 230	50/60	90/74	0. 54/0. 46	2850/3450	914/1106	54	42/48	CE	
AH0608LT-CA1	3-60	1P 115	50/60	90/74	1. 2/1. 0	2850/3450	914/1106	54	42/48	CE	
AH0608LT-CD1		DC 12		38. 4	3. 2	3350	1000		51	CE	
AH0608T-CD2		DC 24		38. 4	1. 6	3350	840		51	CE	





AH1012 AH1012-3P

To avoid the leakage caused by peak pressure, an Anti-Explosion Valve or By-Pass Valve should be always mounted. Off-Line cooling is strongly recommended. Pumping the oil from the tank to the heat exchanger with a separated cooling pump. Please refer to 《Installation & Maintenance》 for more detail.



AH1012

Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB (A)	
AH1012-CA2	20-100	1P 230	50/60	60/58	0. 42/0. 36	1300/1550	1500	54	55	CE
AH1012-CA1		1P 115	50/60	60/58	0. 8/0. 74	1300/1550	1500	54	55	CE
AH1012-CD1		DC 12		192	16	2000	1500		60	CE
AH1012-CD2		DC 24		192	8	2400	1500		60	CE

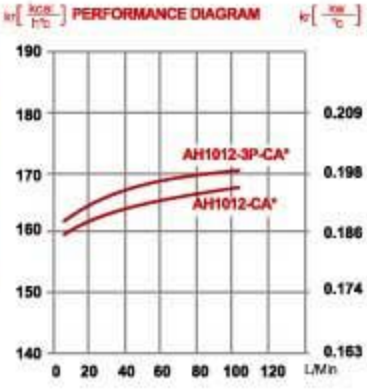
Note: DC motor is carbon brush structure, life is about 2000 hours.

AH1012-3P

Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB (A)	
AH1012-3P-CA2	20-100	3P 230	50/60	80	0. 45	2200	1500	54	60	CE
AH1012-3P-CA3		3P 400	50/60	80	0. 22	2600	1500	54	60	CE

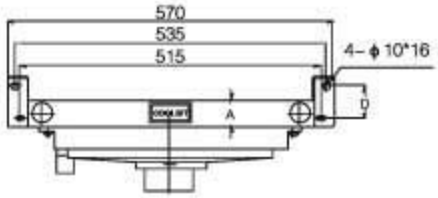
AH1012-CA*

AH1012-3P-CA*

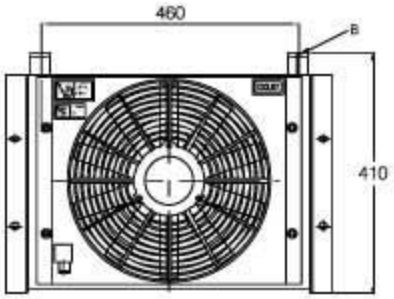


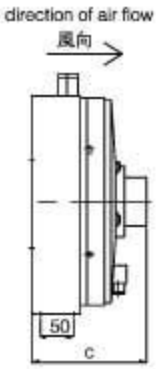
AH1417 AH1470

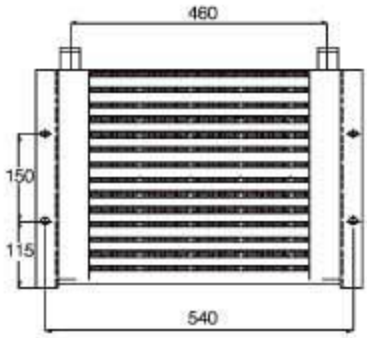
To avoid the leakage caused by peak pressure, an Anti-Explosion Valve or By-Pass Valve should be always mounted. Off-Line cooling is strongly recommended. Pumping the oil from the tank to the heat exchanger with a separated cooling pump. Please refer to 《Installation & Maintenance》 for more detail.



	A	B	C	D
AH1417-A	45	2-PT1"	196	48
AH1470-A	70	2-PT1 1/4"	212	50





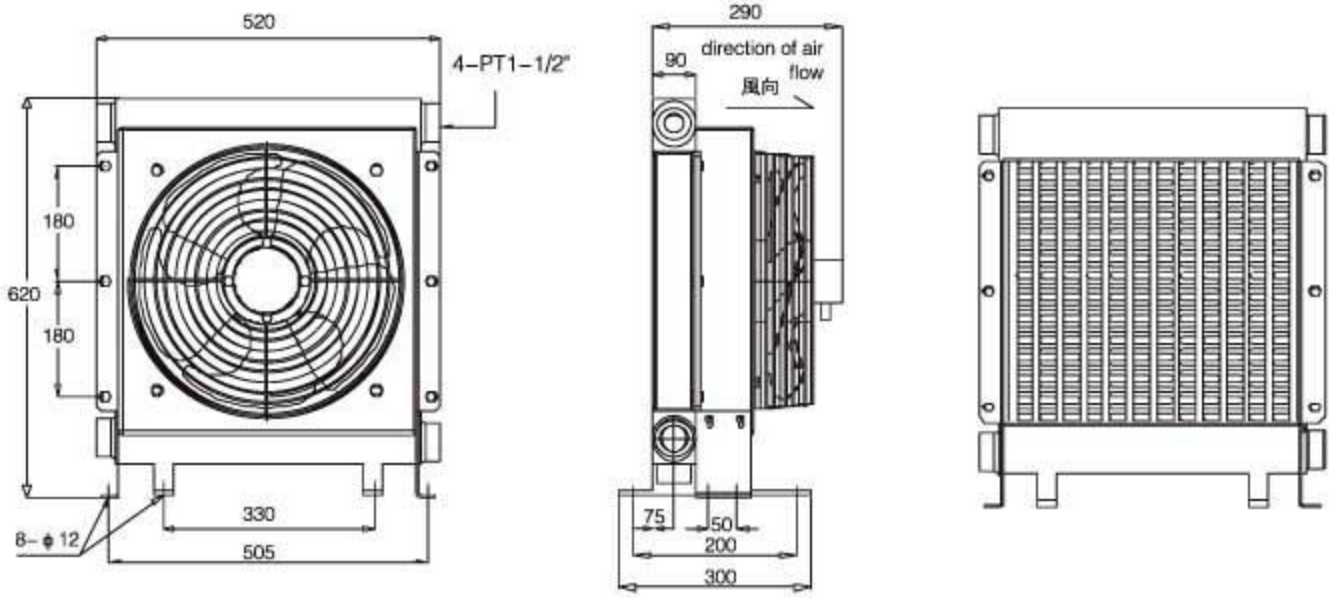


Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB(A)	
AH1417/1470-A2		1P 230	50/60	40/50	0. 23/0. 18	1450/1650	2300/2760		60	CE
AH1417/1470-A1	30-100	1P 115	50/60	40/50	0. 46/0. 35	1450/1650	2300/2760		60	CE
AH1417/1470-D1		DC 12		90	7. 5A	2000	2800		60	CE
AH1417/1470-D2		DC 24		108	4. 5A	2200	2800		60	CE

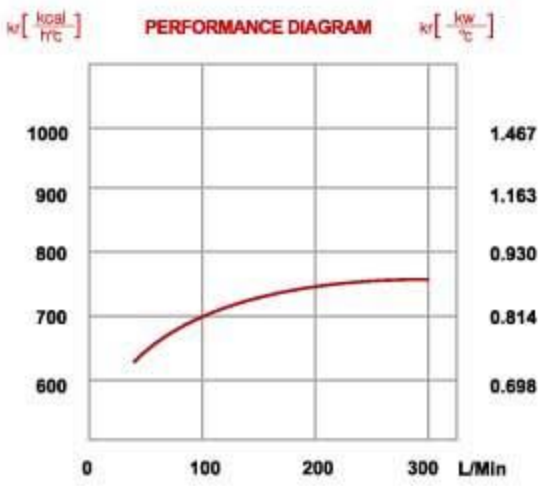
Note: DC motor is carbon brush structure, life is about 2000 hours.

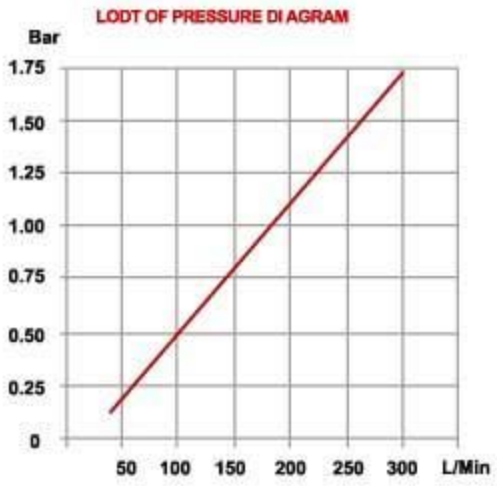
AH1680

To avoid the leakage caused by peak pressure, an Anti-Explosion Valve or By-Pass Valve should be always mounted. Off-Line cooling is strongly recommended. Pumping the oil from the tank to the heat exchanger with a separated cooling pump. Please refer to 《Installation & Maintenance》 for more detail.



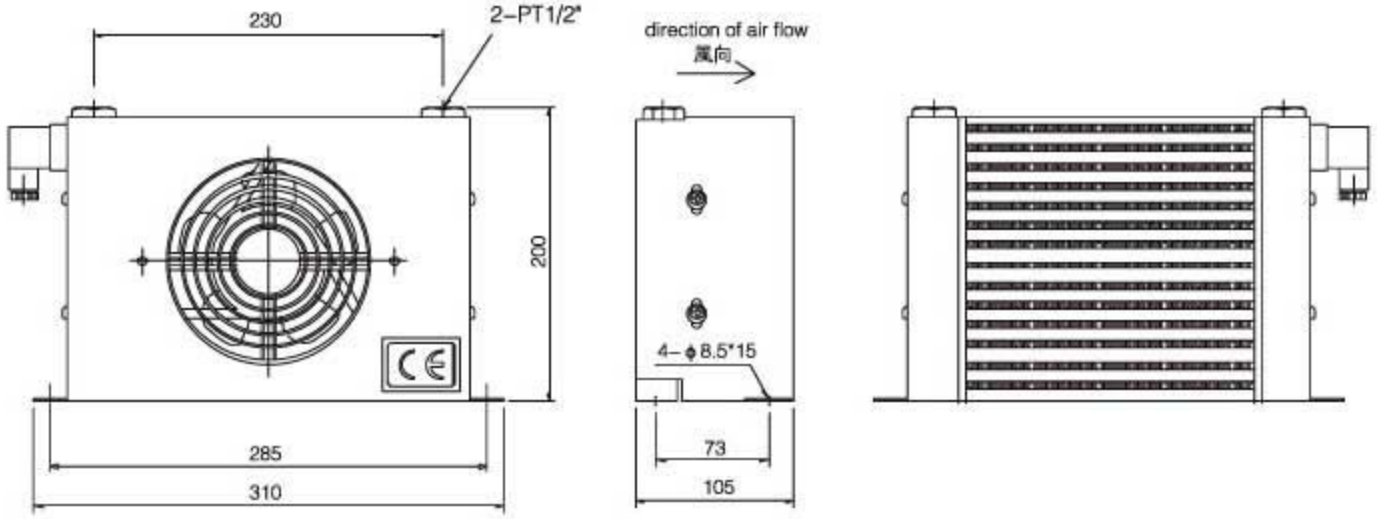
Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB(A)	
AH1680-CA2	30-250	3P 230	50/60	145/250	0. 9/1. 0	1380/1550	4000/4800	54	68	CE
AH1680-CA3		3P 400	50/60	145/250	0. 5/0. 53	1380/1550	4000/4800	54	68	CE
AH1680-CA4		3P 440	50/60	135/175	0. 42/0. 45	1380/1550	4000/4800	54	68	CE





AW0608

Suitable for the Drain Port in high-pressure variable piston pump and vane pump. Or off-line circuit

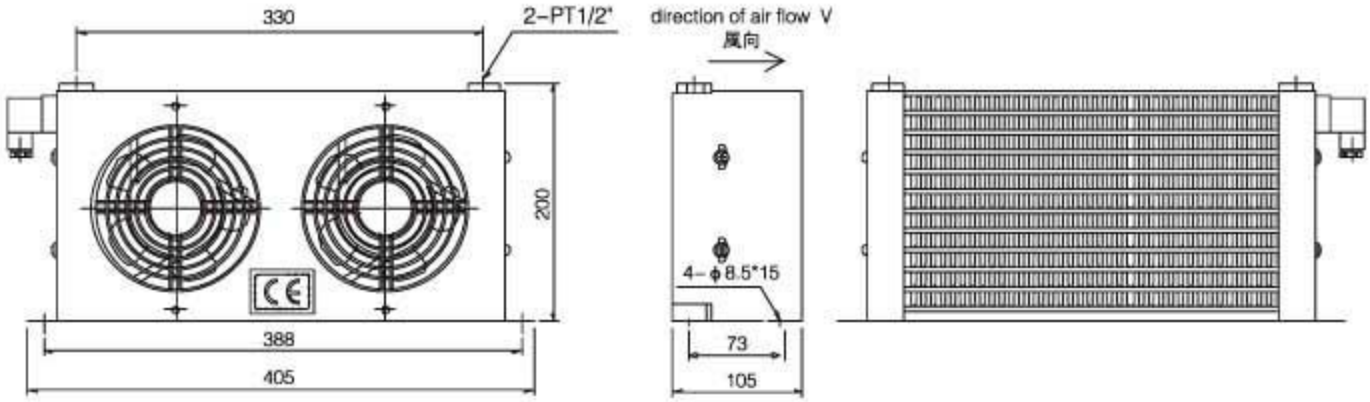


Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification	Note
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB (A)		
AW0608-CA3	1-20	1P 380	50/60	30/25	0. 16/0. 14	2580/3450	457/553	54	42/48	CE	With Thermal Protection Switch
AW0608-CA2		1P 230	50/60	45/37	0. 27/0. 23	2580/3450	457/553	54	42/48	CE	
AW0608-CA1		1P 115	50/60	45/37	0. 6/0. 5	2580/3450	457/553	54	42/48	CE	
AW0608-CD1		DC 12		19. 2	1. 6	3350	500		51	CE	
AW0608-CD2		DC 24		19. 2	0. 8	3350	420		51	CE	

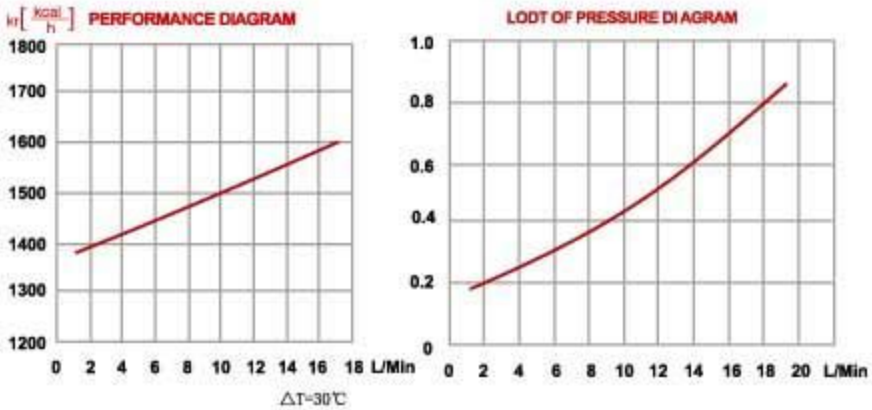
COOLBIT

AW0608L

Suitable for the Drain Port in high-pressure variable piston pump and vane pump. Or off-line circuit

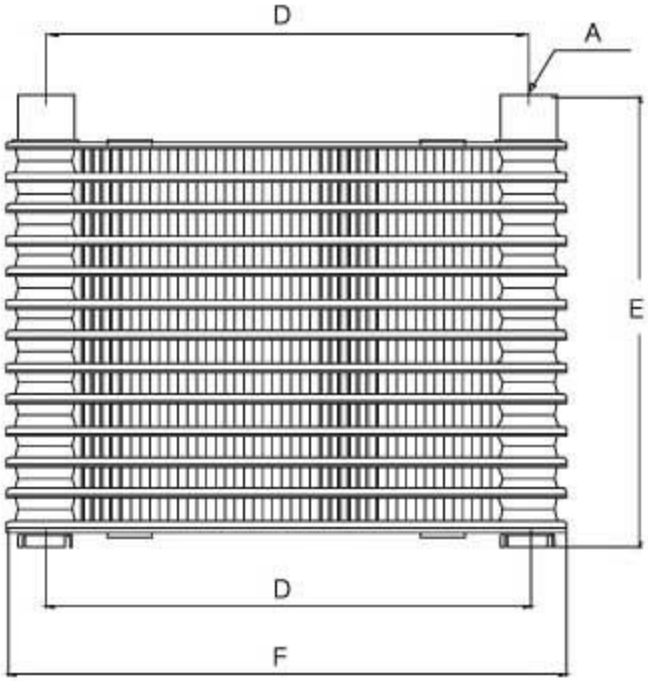


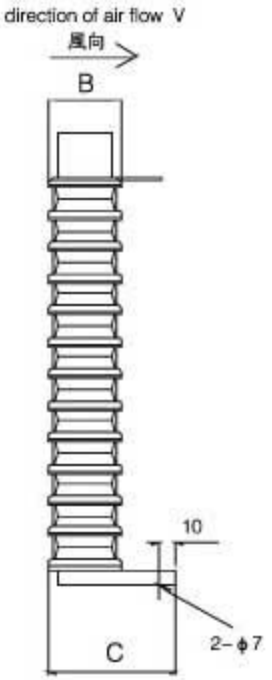
Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification	Note
	L/min	V	Hz	W	A	R. P. M	m³/h	IP	dB(A)		
AW0608L-CA3		1P 380	50/60	60/50	0. 32/0. 28	2580/3450	914/1106	54	42/48	CE	With Thermal Protection Switch
AW0608L-CA2		1P 230	50/60	90/74	0. 54/0. 46	2580/3450	914/1106	54	42/48	CE	
AW0608L-CA1	1-20	1P 115	50/60	90/74	1. 2/1. 0	2580/3450	914/1106	54	42/48	CE	
AW0608L-CD1		DC 12		38. 4	3. 2	3350	1000		51	CE	
AW0608L-CD2		DC 24		38. 4	1. 6	3350	840		51	CE	



AL***

Only suitable for the Drain port in variable vane pump which working pressure is under 70 Bar (Drain Only)

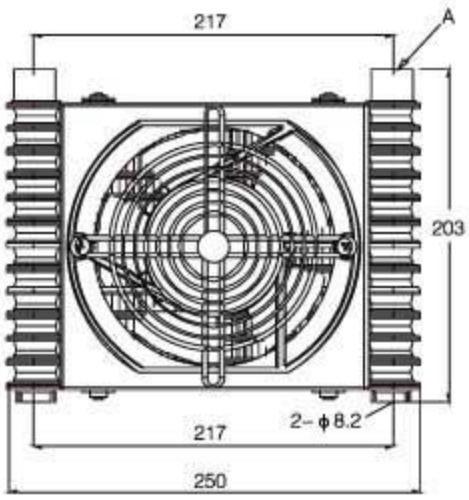


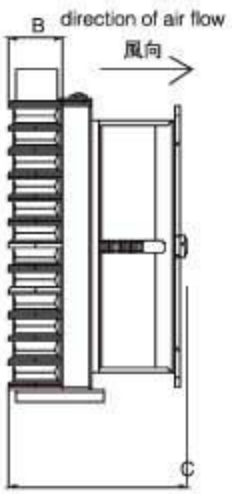


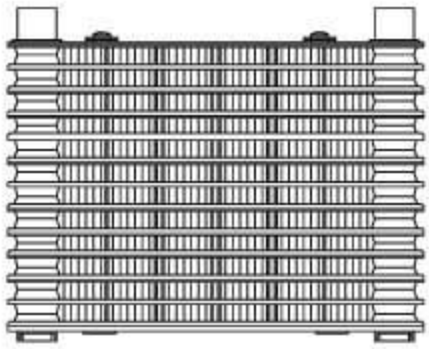
	A	B	C	D	E	F	WEIGHT Kg
AL608	3/8"	32	56	217	203	250	0. 75
AL404	1/2"	42	66	217	203	250	1
AL609	1/2"	32	56	217	203	250	0. 75

AL***-A

Only suitable for the Drain port in variable vane pump which working pressure is under 70 Bar (Drain Only)

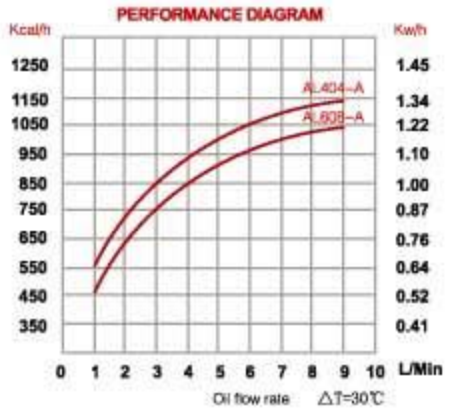


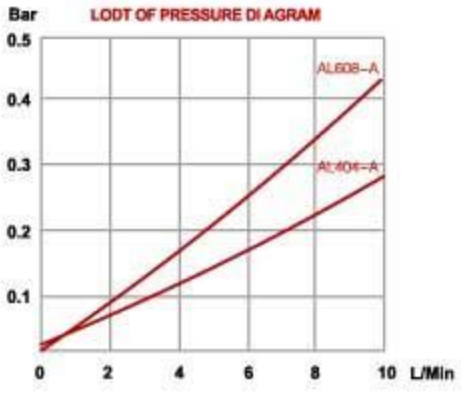




	A 管牙 PT/RC	B	C	重量 WEIGHT Kg
AL608-A	3/8"	32	110	2
AL404-A	1/2"	42	120	2.25
AL609-A	1/2"	32	110	2

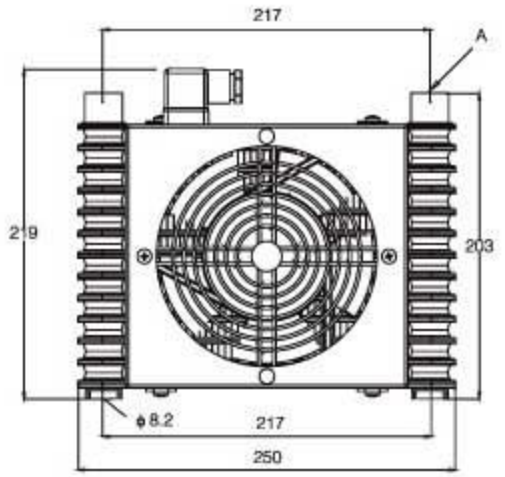
Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification	Note
	L/min	V	Hz	W	A	R.P.M	m³/h	IP	dB(A)		
AL***-A3	1-10	1P 380	50/60	30/25	0.16/0.14	2580/3450	457/553	54	42/48	CE	With Thermal Protection Switch
AL***-A2		1P 230	50/60	45/37	0.27/0.23	2580/3450	457/553	54	42/48	CE	
AL***-A1		1P 115	50/60	45/37	0.6/0.5	2580/3450	457/553	54	42/48	CE	
AL***-D1		DC 12		19.2	1.6	3350	500		51	CE	
AL***-D2		DC 24		19.2	0.8	3350	420		51	CE	

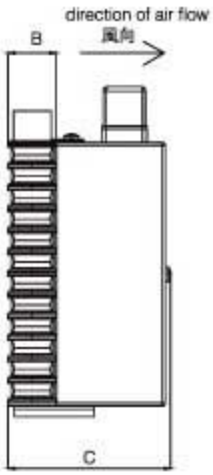


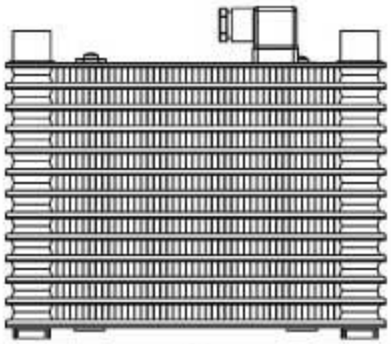


AL***-CA

Only suitable for the Drain port in variable vane pump which working pressure is under 70 Bar (Drain Only)







	A 管牙 PT/RC	B	C	重量 WEIGHT Kg
AL608-CA	3/8"	32	110	2.25
AL404-CA	1/2"	42	120	2.6
AL609-CA	1/2"	32	110	2.25

Part No.	Flow Rate	Standard Voltage	Frequency	Power	Current	Rotation Speed	Air Flow	IP Level	Noise	Certification	Note
	L/min	V	Hz	W	A	R.P.M	m³/h	IP	dB(A)		
AL***-CA3	1-10	1P 380	50/60	30/25	0.16/0.14	2580/3450	457/553	54	42/48	CE	With Thermal Protection Switch
AL***-CA2		1P 230	50/60	45/37	0.27/0.23	2580/3450	457/553	54	42/48	CE	
AL***-CA1		1P 115	50/60	45/37	0.6/0.5	2580/3450	457/553	54	42/48	CE	
AL***-CD1		DC 12		19.2	1.6	3350	500		51	CE	
AL***-CD2		DC 24		19.2	0.8	3350	420		51	CE