



## Wongso Air Blast Freezer Condensing Unit

Made with the best quality and high standard of quality control, WONGSO introduces a new product "WABF Series" Condensing Unit.

WONGSO "WABF Series" has been designed for air blast freezer. Start with capacity 5 HP to 30 HP using 2 Stage Semi Hermetic Compressor, believe that product will suit customer's requirement for industrial.

*Competent  
solution for all  
commercial  
refrigeration.*

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## AIR BLAST FREEZER 2 STAGE PERFORMANCE DATA



The capacity data 50 Hz based on 20 °C and the European standard 13215:suction gas temperature including system inherently liquid subcooling based on optional liquid subcooler.

Model	Compressor			TE	Capacity R404a (kW)								Fan Condensing Unit			Receiver Tank	Connection		Net Weight	Dimension Figure			
	Type	HP	Max. Operating Current (A)		TA	-30	-35	-40	-45	-50	-55	-60	-65	Current (A)	Power (kW)	Air Flow (cmh)	Ltr	Suction	Liquid	Kgs	Width	Height	Depth
WABF 05	S4T-5.2Y	5	14	27	Q	7.53	6.24	5.11	4.13	3.28	2.55	1.93	1.4	0.8	7600	F152H	7/8"	5/8"	268	1180	935	950	
					P	4.44	4.04	3.64	3.25	2.86	2.49	2.14											1.80
				32	Q	7.38	6.12	5.01	4.04	3.21	2.49	1.88											1.37
					P	4.71	4.28	3.85	3.43	3.01	2.60	2.22											1.85
				43	Q	7.08	5.87	4.80	3.86	3.05	2.36												
					P	5.31	4.81	4.32	3.84	3.35	2.88												
WABF 08	S4N-8.2Y	8	17	27	Q	10.56	8.78	7.21	5.83	4.63	3.61	2.74	1.4	0.72	7700	F152H	1 1/8"	5/8"	310	1180	935	950	
					P	6.58	5.95	5.34	4.74	4.15	3.60	3.07											2.58
				32	Q	10.35	8.61	7.07	5.72	4.54	3.53	2.67											1.65
					P	6.97	6.30	5.64	4.99	4.37	3.77	3.20											2.67
				43	Q	9.88	8.23	6.76	5.46	4.33	3.35												
					P	7.83	7.06	6.32	5.59	4.87	4.17												
WABF 12	S4G-12.2Y	12	24	27	Q	16.37	13.90	11.59	9.47	7.58	5.94	4.55	2.7	1.56	13350	F302H	1 3/8"	7/8"	395	1580	935	950	
					P	9.98	9.01	8.06	7.14	6.26	5.43	4.65											3.93
				32	Q	1.60	13.58	11.32	9.26	7.42	5.82	4.46											3.34
					P	10.58	9.54	8.51	7.53	6.58	5.68	4.84											40.07
				43	Q	15.15	12.88	10.77	8.85	7.12	5.58												
					P	11.88	10.74	9.58	8.44	7.34	6.29												
WABF 16	S6J-16.2Y	16	31	27	Q	23.05	19.65	16.46	13.53	10.90	8.59	6.62	2.8	1.44	15000	F302H	1 3/8"	7/8"	449	2000	1000	950	
					P	14.17	12.65	11.23	9.91	8.67	7.52	6.46											5.50
				32	Q	22.55	13.22	16.10	13.24	10.67	8.42	6.50											4.89
					P	15.02	13.40	11.90	10.49	9.19	7.98	6.85											5.81
				43	Q	21.55	18.32	15.36	12.66	10.24	8.08												
					P	16.81	15.03	13.35	11.78	10.31	8.93												
WABF 20	S6H-20.2Y	20	37	27	Q	26.45	2.25	18.93	15.57	12.55	9.91	7.65	2.8	1.44	16800	F302H	1 3/8"	7/8"	513	2100	1050	1050	
					P	16.74	14.91	13.21	11.63	10.16	8.80	7.56											6.42
				32	Q	25.80	2.21	18.50	15.23	12.23	9.72	7.51											5.65
					P	17.71	15.78	13.98	12.30	10.75	9.32	7.99											6.77
				43	Q		20.95	17.61	14.56	11.79	9.32												
					P		17.65	15.66	13.79	12.05	10.43												
WABF 25	S6G-25.2Y	25	45	27	Q	29.95	25.60	21.50	17.73	14.32	11.32	8.45	2.8	1.44	20800	F302H	1 3/8"	7/8"	544	2400	1050	1250	
					P	19.61	17.43	15.41	13.54	11.80	10.19	8.71											7.38
				32	Q	29.25	25.00	21.00	17.33	14.02	11.10	8.58											6.47
					P	20.70	18.42	16.28	14.31	12.49	10.80	9.24											7.81
				43	Q			20.00	16.56	13.44	10.63												
					P			18.22	16.00	13.95	12.05												
WABF 30	S6F-30.2Y	30	51	27	Q	36.00	30.80	25.80	21.30	17.16	13.56	10.48	6.4	3.8	29900	F402H	1 5/8"	7/8"	625	2400	1050	1250	
					P	24.50	22.10	19.84	17.71	15.70	13.84	12.13											10.58
				32	Q	35.10	30.00	25.20	20.80	16.79	13.29	10.29											7.76
					P	25.80	23.30	20.90	18.63	16.51	14.54	12.73											11.07
				43	Q	33.30	28.40	23.90	19.81	16.08	12.73												
					P	28.70	25.90	23.20	20.60	18.28	16.07												

TE : Evaporating Temperature ( °C )  
 TA : Ambient Temperature ( °C )  
 Q : Cooling Capacity ( kW )  
 P : Power Input ( kW )