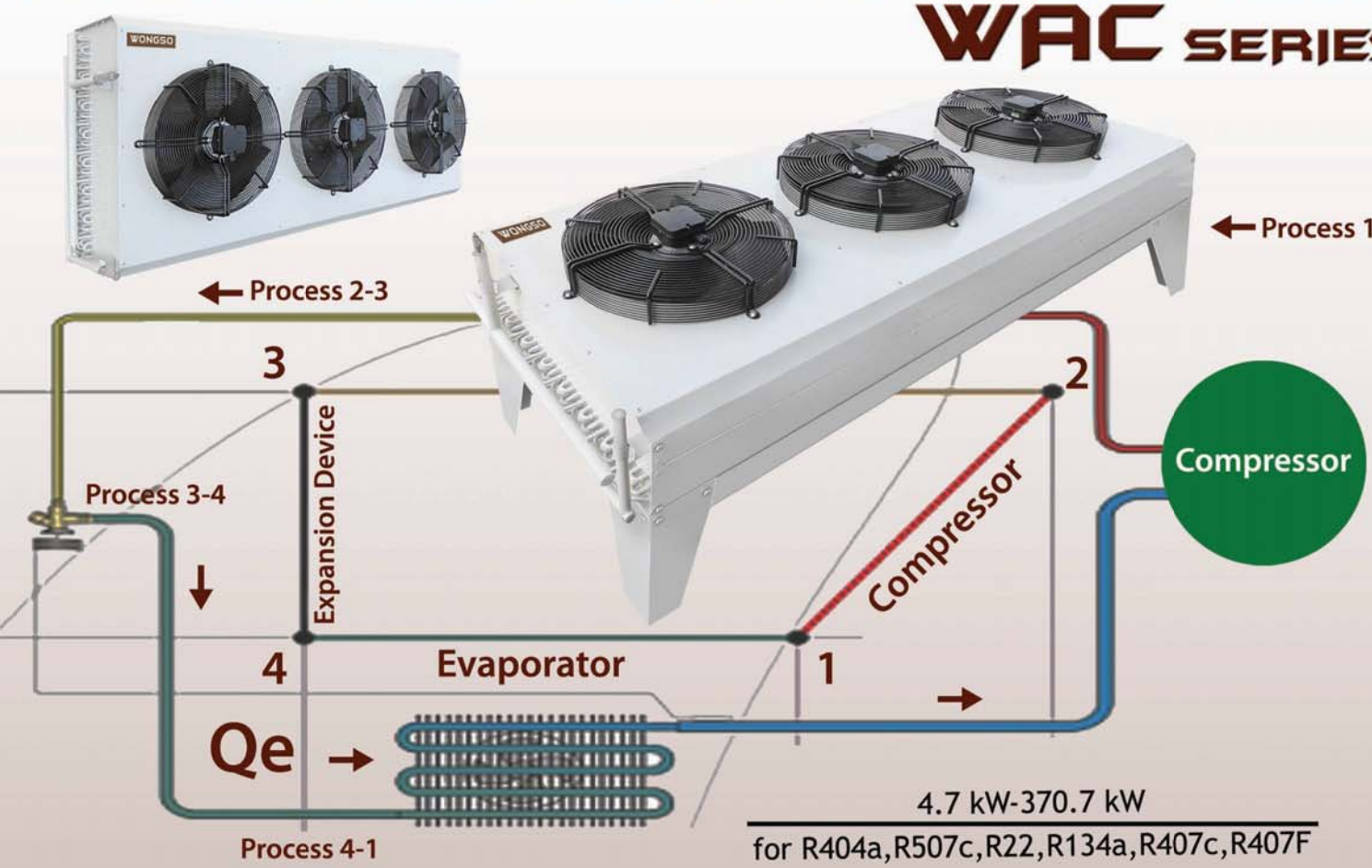
WONGSO

AIR COOLED CONDENSER

WAC SERIES



4.7 kW-370.7 kW

for R404a,R507c,R22,R134a,R407c,R407F

High Efficiency Best Heat Rejection

Made with the best quality and high standard of quality control, WONGSO introduces a new product "WAC SERIES" air cooled condenser.

WONGSO "WAC SERIES" *has been designed with a wide range of model. Start with capacity from 4.7 kW to 370.7 kW @15 KTD, believe that our products will suit customer's requirement.*

STANDARD PRODUCT

- 12 fins/inch
- 2 to 6 rows deep
- 9.52 mm inner grooved copper tube
- Heavy gauge aluminium fin
- Galvanized steel casing
- Powder coated casing
- Vertical or Horizontal air discharge
- Motor protection IP 54
- Individual fan compartments
- Axial fan made in Germany

OPTIONAL

- Other fins/inch
- Multiple circuits
- Subcooling circuits
- Explosion proof motor
- Single phase fan
- Extension legs
- Aluminium or stainless steel casing
- Coated aluminium or copper fin
- Axial fan made in China

MADE IN INDONESIA

www.wongsocool.com & www.wongsoref.com

WAC SERIES

Capacities and Specifications

Condensers Performance Data

The WAC SERIES range condenser have been designed for the following operating conditions:

- Using refrigerant R404a
- Refrigerant inlet temperature 69°C
- DB air inlet temperature 35°C
- Saturated condensing temperature 45°C
- Liquid subcooling 1°C
- Atmosphere pressure 1 bar (at sea level)
- Refrigerant mass flow based on compressor data performance

Model	Qc (kW) 15 KTD		Fan Size	Air Flow CMH		Noise Level (dBA)		Motor						Inlet	Outlet	Dimension (mm)					Weight (kg)		
								Phase		kW		AMP				L	W	H	X	Z	Coil	Fan	Unit
	Δ	Y		Δ	Y	Δ	Y	Δ	Y	Δ	Y	Δ	Y										
WAC-0010	4.7	4.7	1x300	1520	1520	59	59	1	1	0.068	0.068	0.3	0.3	1/2	3/8	560	155	550	120	30	18.82	1.9	20.72
WAC-0012	6.3	6.3	1x350	2470	2570	59	59	1	1	0.068	0.068	0.3	0.3	1/2	3/8	560	190	550	150	30	19.14	3.6	22.74
WAC-0015	7.4	7.4	1x350	2200	2200	64	64	1	1	0.13	0.13	0.58	0.58	1/2	3/8	560	190	550	150	30	22.8	3.6	26.4
WAC-0020	8.9	8.9	1x350	2450	2450	64	64	1	1	0.13	0.13	0.58	0.58	5/8	1/2	710	190	550	150	30	26.46	3.6	30.06
WAC-0030	13	13	1x450	4200	4200	73	73	1	1	0.25	0.25	1.1	1.1	3/4	1/2	760	240	600	160	35	30.59	5	35.59
WAC-0040	17.7	17.7	1x450	4350	4350	73	73	1	1	0.25	0.25	1.1	1.1	3/4	1/2	910	240	600	160	35	40.21	5	45.21
WAC-0050	21.6	18.7	1x500	7600	5600	72	61	3	3	0.8	0.55	1.4	0.94	7/8	5/8	760	255	850	180	50	41.84	13.5	55.34
WAC-0060	26.7	20	1x630	8600	5450	77	65	3	3	0.72	0.47	1.4	0.77	7/8	5/8	960	295	850	220	50	53.37	13.2	66.57
WAC-0075	31.5	22.7	1x630	7700	4900	77	65	3	3	0.72	0.47	1.4	0.77	1 1/8	7/8	960	295	850	220	55	61.68	13.2	74.88
WAC-0100	41.1	36.1	2x500	14200	11200	72	61	3	3	1.56	1.1	2.7	1.88	1 3/8	7/8	1360	255	850	180	55	67.42	27	94.42
WAC-0120	49.7	42.3	2x500	13550	10200	72	61	3	3	1.56	1.1	2.7	1.9	1 3/8	1 1/8	1360	255	850	180	60	78.09	27	105.09
WAC-0150	59.1	45.1	2x630	15000	9800	77	64	3	3	1.44	0.9	2.8	1.5	1 3/8	1 1/8	1780	295	850	220	60	103.73	26.4	130.13
WAC-0200	69.4	50.4	2x630	16800	10700	77	64	3	3	1.4	0.9	2.8	1.5	1 3/8	1 1/8	1880	295	950	220	60	118.22	26.4	144.62
WAC-0250	89.6	62.7	2x630	20800	13000	77	64	3	3	1.4	0.9	2.8	1.5	1 3/8	1 1/8	2180	295	1150	220	60	156.52	26.4	182.92
WAC-0300	110.9	95.6	2x630	29900	24000	84	79	3	3	3.8	2.7	6.4	4.4	1 5/8	1 3/8	2180	295	1150	220	70	156.52	44	200.52
WAC-0350	134.4	116.6	2x630	33600	27000	84	79	3	3	3.8	2.7	6.4	4.4	1 5/8	1 3/8	3000	295	1150	220	70	213.19	44	257.19
WAC-0400	155.3	138.6	3x630	44700	35000	85	80	3	3	5.7	4.1	9.6	6.6	1 5/8	1 3/8	3000	295	1150	220	70	220.69	66	286.69
WAC-0500	184.9	160.7	3x630	47500	37500	85	80	3	3	5.7	4.1	9.6	6.6	2 1/8	1 5/8	3700	295	1150	220	85	258.4	66	324.4
WAC-0600	227.9	199.5	4x630	59000	47000	85	80	3	3	7.6	5.4	12.8	8.8	2 5/8	2 1/8	2200	295	2300	220	90	306.55	88	394.55
WAC-0700	265.7	233.1	4x630	66000	53000	85	80	3	3	7.6	5.4	12.8	8.8	2 5/8	2 1/8	3000	295	2300	220	90	415.13	88	503.13
WAC-0800	309.8	277.2	6x630	89400	70000	85	80	3	3	11.4	8.1	19.2	13.2	1 5/8	1 3/8	3000	295	2300	220	85	415.13	132	547.13
WAC-1000	370.7	321.3	6x630	95000	75000	85	80	3	3	11.4	8.1	19.2	13.2	2 1/8	1 5/8	3700	295	2300	220	90	463.43	132	595.43

Refrigeration Correction Factor				
R404a	R507c	R22	R134a	R407c
1	1	0.95	0.91	0.86