



WONGSO AIR COOLED CONDENSING UNIT

Wongso Air Cooled Condensing Unit (WACU Series) is a open design condensing unit. WACU Series are designed for medium temperature, low temperature, and air blast freezer applications.

Standard product consists of compressor, condenser, fan, and complete accessories without control panel. The WACU units are available in semi hermetic, open drive, and two stage compressor configurations.

*Competent
solution for all
commercial
refrigeration.*

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Medium Temperature Performance Data

Performance data 50 Hz based on 20°C suction gas temperature with liquid subcooling.



Model	Compressor			Fan Condenser (A)	TE TA	Capacity R404a (kW)							
	Type	HP	Max. Operating Current (A)			0	-5	-10	-15	-20	-25	-30	
WACU-0005-M	2KES-05Y	0.5	4,9/2,8	0.3	27	Q	2.72	2.34	1.98	1.64	1.34	1.06	0.81
						P	0.99	0.92	0.85	0.78	0.71	0.64	0.57
					32	Q	2.48	2.13	1.79	1.48	1.2	0.94	0.71
						P	1.04	0.96	0.88	0.8	0.73	0.65	0.57
					43	Q	1.97	1.68	1.41	1.15	0.92	0.705	0.51
						P	1.15	1.05	0.95	0.86	0.76	0.66	0.56
WACU-0007-M	2JES-07Y	0.7	6,4/3,7	0.3	27	Q	3.32	2.89	2.48	2.09	1.73	1.4	1.1
						P	1.46	1.32	1.2	1.09	0.89	0.87	0.76
					32	Q	3.03	2.64	2.26	1.9	1.57	1.26	0.98
						P	1.52	1.38	1.25	1.12	1	0.88	0.76
					43	Q			1.79	1.49	1.22	0.96	0.725
						P			1.34	1.19	1.04	0.89	0.75
WACU-0020-M	2HES-2Y	2	7,8/4,5	0.3	27	Q	4.51	3.92	3.35	2.82	2.33	1.89	1.49
						P	1.81	1.65	1.51	1.37	1.23	1.09	0.96
					32	Q	4.14	3.58	3.06	2.57	2.12	1.71	1.34
						P	1.88	1.72	1.56	1.4	1.25	1.1	0.96
					43	Q		2.88	2.45	2.04	1.66	1.31	0.995
						P		1.84	1.65	1.47	1.29	1.11	0.94
WACU-0021-M	2GES-2Y	2	8,7/5,0	0.3	27	Q	4.9	4.28	3.69	3.13	2.62	2.14	1.71
						P	2.21	2.01	1.81	1.63	1.45	1.28	1.12
					32	Q	4.48	3.92	3.38	2.86	2.38	1.94	1.54
						P	2.32	2.1	1.88	1.68	1.49	1.31	1.14
					43	Q			2.7	2.28	1.89	1.52	1.19
						P			2.05	1.81	1.59	1.37	1.16
WACU-0030-M	2FES-3Y	3	10,7/6,1	0.58	27	Q	6.28	5.48	4.71	3.99	3.32	2.7	2.15
						P	2.66	2.41	2.18	1.96	1.75	1.56	1.36
					32	Q	5.73	5	4.3	3.64	3.02	2.45	1.93
						P	2.8	2.53	2.28	2.04	1.81	1.59	1.38
					43	Q		3.96	3.41	2.88	2.38	1.91	1.48
						P		2.78	2.48	2.19	1.91	1.65	1.4
WACU-0031-M	2EES-3Y	3	13,4/7,5	1.1	27	Q	9.46	8.1	6.84	5.71	4.68	3.76	2.95
						P	2.79	2.58	2.37	2.15	1.94	1.73	1.52
					32	Q	8.71	7.46	6.3	5.24	4.29	3.44	2.68
						P	2.94	2.71	2.47	2.24	2	1.77	1.54
					43	Q	7.03	6.01	5.06	4.2	3.41	2.7	2.07
						P	3.19	2.92	2.64	2.36	2.09	1.82	1.55
WACU-0032-M	2DES-3Y	3	15,0/8,6	1.1	27	Q	10.82	9.32	7.93	6.65	5.49	4.44	3.51
						P	3.46	3.18	2.90	2.62	2.35	2.08	1.82
					32	Q	9.95	8.58	7.29	6.11	5.04	4.07	3.2
						P	3.63	3.32	3.02	2.72	2.43	2.14	1.86
					43	Q	8	6.9	5.86	4.89	4.01	3.21	2.49
						P	3.93	3.58	3.23	2.88	2.54	2.2	1.88
WACU-0040-M	2CES-4Y	4	17,4/10,0	1.1	27	Q	13.7	11.77	10	8.38	6.92	5.61	4.45
						P	4.15	3.83	3.51	3.19	2.88	2.57	2.27
					32	Q	12.64	10.87	9.23	7.73	6.38	5.16	4.08
						P	4.38	4.03	3.68	3.34	2.99	2.66	2.33
					43	Q	10.23	8.81	7.48	6.25	5.13	4.12	3.22
						P	4.81	4.4	3.99	3.58	3.18	2.78	2.40
WACU-0050-M	4FES-5Y	5	18,8/10,8	1.1	27	Q	14.68	12.58	10.64	8.88	7.3	5.9	4.68
						P	4.49	4.17	3.84	3.51	3.17	2.83	2.50
					32	Q	13.5	11.58	9.81	8.19	6.74	5.44	4.31
						P	4.72	4.38	4.02	3.66	3.30	2.94	2.58
					43	Q	10.85	9.34	7.93	6.64	5.46	4.4	3.48
						P	5.13	4.74	4.33	3.92	3.50	3.08	2.67
WACU-0060-M	4EES-6Y	6	23,7/13,6	1.4/0.94	27	Q	17.31	14.94	12.73	10.68	8.82	7.16	5.7
						P	5.96	5.47	4.97	4.49	4.01	3.54	3.08
					32	Q	15.9	13.74	11.7	9.82	8.11	6.57	5.22
						P	6.23	5.70	5.18	4.66	4.14	3.64	3.16
					43	Q	12.75	11.05	9.43	7.91	6.52	5.27	4.15
						P	6.70	6.11	5.52	4.93	4.35	3.78	3.23
WACU-0070-M	4DES-7Y	7	28,7/16,5	1.4/0.77	27	Q	21.2	18.27	15.54	13.04	10.78	8.77	7
						P	7.04	6.48	5.91	5.35	4.79	4.25	3.73
					32	Q	19.57	16.86	14.34	12.03	9.94	8.07	6.42
						P	7.39	6.78	6.17	5.57	4.97	4.39	3.83
					43	Q	15.89	13.72	11.68	9.79	8.07	6.52	5.15
						P	8.03	7.34	6.65	5.59	5.27	4.61	3.97
WACU-0090-M	4CES-9Y	9	35,1/20,2	1.4/0.77	27	Q	25.35	21.85	18.56	15.57	12.87	10.46	8.34
						P	8.80	8.02	7.26	6.51	5.79	5.09	4.42
					32	Q	23.45	20.2	17.14	14.35	11.84	9.6	7.62
						P	9.23	8.39	7.75	6.77	5.99	5.23	4.52
					43	Q	19.12	16.5	14.01	11.71	9.62	7.75	6.09
						P	10,10	9.09	8.15	7.22	6.33	5.47	4.66

Medium Temperature Performance Data



Performance data 50 Hz based on 20°C suction gas temperature with liquid subcooling.

Model	Compressor			Fan Condenser (A)	TE TA	Capacity R404a (kW)							
	Type	HP	Max. Operating Current (A)			0	-5	-10	-15	-20	-25	-30	
WACU-0120-M	4TES-12Y	12	25.1	2.7/1.88	27	Q	29.75	25.8	22.1	18.6	15.41	12.52	9.96
						P	11.2	10.1	8.98	7.94	6.96	6.03	5.16
					32	Q	27.3	23.7	20.3	17.05	14.09	11.42	9.04
						P	11.7	10.5	9.31	8.2	7.15	6.16	5.24
						Q			16.32	13.7	11.27	9.05	7.08
						P			9.94	8.7	7.52	6.42	5.39
WACU-0150-M	4PES-15Y	15	28.7	2.7/1.9	27	Q	39.45	33.55	28.15	23.3	18.93	15.09	11.75
						P	11.7	10.7	9.62	8.59	7.58	6.6	5.65
					32	Q	36.35	30.85	25.8	21.3	17.25	13.68	10.57
						P	12.3	11.1	10	8.88	7.78	6.72	5.7
						Q	29.5	25	20.8	17.05	13.67	10.69	8.11
						P	13.4	12	10.7	9.38	8.1	6.88	5.72
WACU-0200-M	4NES-20Y	20	33.2	2.8/1.5	27	Q	44.85	38.45	32.5	27.15	22.3	17.97	14.19
						P	14.3	13	11.7	10.4	9.23	8.07	6.96
					32	Q	41.35	35.4	29.9	24.9	20.4	16.41	12.89
						P	15	13.6	12.2	10.8	9.52	8.27	7.09
						Q	33.65	28.8	24.3	20.15	16.42	13.08	10.15
						P	16.4	14.8	13.1	11.6	10.1	8.66	7.33
WACU-0220-M	4JE-22Y	22	37.2	2.8/1.5	27	Q	48.45	41.85	35.65	29.9	24.75	20.05	15.88
						P	16.2	14.7	13.3	11.9	10.5	9.24	8.02
					32	Q	44.65	38.55	32.8	27.5	22.65	18.28	14.39
						P	16.9	15.3	13.7	12.2	10.8	9.43	8.12
						Q	36.2	31.3	26.6	22.2	18.13	14.45	11.16
						P	18.2	16.4	14.6	12.9	11.2	9.65	8.15
WACU-0250-M	4HE-25Y	25	44.0	2.8/1.5	27	Q	53.9	46.95	40.35	34.2	28.5	23.3	18.66
						P	19.8	17.9	16.1	14.4	12.7	11.2	9.71
					32	Q	49.55	43.2	37.15	31.45	26.15	21.35	17.02
						P	20.5	18.5	16.6	14.8	13.1	11.4	9.86
						Q		34.95	30.05	25.4	21.1	17.08	13.46
						P		19.7	17.6	15.6	13.6	11.7	10
WACU-0300-M	4GE-30Y	30	51.2	2.8/1.5	27	Q	70.59	60.71	50.83	42.84	35.06	28.28	22.41
						P	20.55	16.86	17.37	15.66	14.12	12.56	11.01
					32	Q	65.55	55.4	47.29	39.2	32.1	25.89	20.49
						P	21.56	19.93	18.08	16.38	14.67	12.96	11.29
						Q	52.62	44.48	38.22	31.72	26.01	21	16.59
						P	23.75	21.72	19.55	17.52	15.51	13.53	11.61
WACU-0330-M	6JE-33Y	33	53.2	2.8/1.5	27	Q	76.45	65.42	54.48	45.68	37.14	30.28	23.78
						P	22.1	20.38	18.82	16.99	15.28	13.46	11.74
					32	Q	71	59.61	50.56	41.58	34.42	27.49	21.49
						P	23.2	21.52	19.55	17.71	15.71	13.82	11.94
						Q	57.16	49	40.61	33.26	27.56	21.86	16.89
						P	25.54	23.23	21.04	18.79	16.46	14.22	12.03
WACU-0350-M	4FE-35Y	35	62.1	6.4/4.4	27	Q	80.94	69.99	58.91	49.92	41.09	33.89	27.05
						P	26.11	23.96	22.03	19.83	17.81	15.67	13.69
					32	Q	74.95	63.73	54.77	45.69	38.36	31.16	24.85
						P	27.39	25.32	22.93	20.74	18.38	16.19	14.04
						Q	59.61	52.15	44.11	36.95	31.29	25.46	20.25
						P	30.2	27.42	24.81	22.18	19.46	16.91	14.42
WACU-0351-M	6HE-35Y	35	64.4	6.4/4.4	27	Q	85.57	73.58	62.67	52.8	43.17	34.78	28.01
						P	27.19	25.01	22.79	20.58	18.54	16.48	14.34
					32	Q	79.19	68.18	57.02	48.13	39.33	32.28	25.48
						P	28.5	26.13	23.96	21.53	19.27	16.91	14.7
						Q	62.95	54.45	46.67	38.6	31.52	25.95	20.36
						P	31.37	28.53	25.71	23.04	20.37	17.67	15.11
WACU-0400-M	6GE-40Y	40	73.9	6.4/4.4	27	Q	93.24	80.52	68.86	58.24	48.62	39.29	31.74
						P	32.29	29.65	27.01	24.37	21.78	19.39	16.93
					32	Q	85.8	74.27	63.67	53.98	44.3	36.5	28.94
						P	33.71	30.87	28.02	25.21	22.6	19.88	17.35
						Q	68.75	59.93	50.41	43.09	35.42	29.37	23.21
						P	36.54	33.24	30.16	26.91	23.84	20.75	17.83
WACU-0500-M	6FE-50Y	50	96.2	6.4/4.4	27	Q	106.62	94.38	80.98	68.69	57.5	47.37	37.63
						P	41.36	37.52	34.08	30.66	27.29	24.02	20.97
					32	Q	97.42	84.76	74.63	63.5	52.23	43.14	34.9
						P	42.91	39.17	35.17	31.53	28.1	24.59	21.24
						Q	78.67	69.03	58.32	50.13	42.46	34.38	27.84
						P	45.57	41.33	37.31	33.13	29.07	25.18	21.42

TE : Evaporating Temperature (°C)

TA : Ambient Temperature (°C)

Q : Cooling Capacity (kW)

P : Power Input (kW)

WACU - Wongso Aircooled Condensing Unit

Low Temperature Performance Data



Performance data 50 Hz based on 20°C suction gas temperature with liquid subcooling.

Model	Compressor			Fan Condenser (A)	TE	TA	Capacity R404a (kW)						
	Type	HP	Max. Operating Current (A)				-5	-10	-15	-20	-25	-30	
WACU-0010-L	2HES-1Y	1	6.7/3.8	0.3	27	Q	3.83	3.28	2.76	2.29	1.85	1.46	
						P	1.68	1.51	1.35	1.21	1.07	0.94	
						32	Q	3.5	2.99	2.52	2.07	1.67	1.31
							P	1.75	1.56	1.39	1.23	1.08	0.94
						43	Q	2.79	2.45	1.98	1.62	1.28	0.975
							P	1.89	1.65	1.46	1.27	1.09	0.91
WACU-0020-L	2FES-2Y	2	9.2/5.3	0.3	27	Q	5.49	4.72	4	3.33	2.71	2.15	
						P	2.43	2.21	1.99	1.75	1.57	1.37	
					32	Q	5.01	4.3	3.64	3.02	2.45	1.93	
						P	2.55	2.31	2.07	1.81	1.61	1.39	
					43	Q	3.97	3.42	2.89	2.38	1.91	1.49	
						P	2.82	2.52	2.24	1.96	1.7	1.44	
WACU-0021-L	2EES-2Y	2	10.4/6.0	0.3	27	Q	6.57	5.71	4.88	3.36	3.36	2.68	
						P	2.9	2.59	2.3	1.76	1.76	1.52	
					32	Q	5.98	5.2	4.45	3.05	3.05	2.42	
						P	2.98	2.66	2.35	1.79	1.79	1.53	
					43	Q		4.09	3.49	2.36	2.36	1.85	
						P		2.75	2.42	1.79	1.79	1.5	
WACU-0022-L	2DES-2Y	2	13.4/7.5	0.58	27	Q	7.9	6.87	5.88	4.94	4.06	3.26	
						P	3.55	3.17	2.82	2.48	2.16	1.86	
					32	Q	7.21	6.27	5.37	4.5	3.7	2.96	
						P	3.66	3.27	2.89	2.54	2.2	1.88	
					43	Q		4.94	4.22	3.53	2.88	2.27	
						P		3.41	3.00	2.6	2.23	1.88	
WACU-0030-L	2CES-3Y	3	15.8/9.1	1.1	27	Q	10.9	9.35	7.92	6.59	5.39	4.3	
						P	4.12	3.72	3.34	2.98	2.63	2.29	
					32	Q	10.01	8.6	7.28	6.05	4.94	3.94	
						P	4.31	3.88	3.47	3.08	2.71	2.35	
					43	Q	8.02	6.89	5.83	4.83	3.92	3.09	
						P	4.65	4.16	3.69	3.24	2.81	2.41	
WACU-0031-L	4FES-3Y	3	16.5/9.5	1.1	27	Q	11.55	9.9	8.35	6.93	5.65	4.52	
						P	4.50	4.09	3.68	3.29	2.91	2.54	
					32	Q	10.59	9.09	7.68	6.38	5.2	4.16	
						P	4.68	4.25	3.83	3.41	3.00	2.61	
					43	Q	8.44	7.27	6.16	5.13	4.18	3.34	
						P	5.00	4.53	4.05	3.58	3.12	2.68	
WACU-0040-L	4EES-4Y	4	21.2/12.2	1.1	27	Q	13.54	11.73	10	8.38	6.89	5.55	
						P	6.03	5.41	4.82	4.25	3.71	3.20	
					32	Q	12.4	10.75	9.17	7.69	6.32	5.09	
						P	6.25	5.61	4.98	4.38	3.81	3.27	
					43	Q		8.58	7.34	6.16	5.06	4.06	
						P		5.94	5.25	4.59	3.96	3.36	
WACU-0050-L	4DES-5Y	5	25.2/14.5	1.1	27	Q	17.09	14.67	12.41	10.33	8.46	6.79	
						P	6.92	6.24	5.58	4.95	4.34	3.77	
					32	Q	15.72	13.5	11.42	9.51	7.77	6.23	
						P	7.22	6.49	5.79	5.12	4.48	3.86	
					43	Q	12.67	10.91	9.23	7.68	6.26	3.99	
						P	7.76	6.95	6.17	5.41	4.68	3.99	
WACU-0060-L	4CES-6Y	6	30.8/17.7	1.4/0.94	27	Q	19.47	16.79	14.27	11.93	9.8	7.89	
						P	8.54	7.64	6.78	5.97	5.20	4.48	
					32	Q	17.91	15.45	13.12	10.96	8.98	7.2	
						P	8.84	7.90	7.00	6.14	5.33	4.56	
					43	Q			10.61	8.84	7.21	5.74	
						P			7.38	6.42	5.52	4.68	
WACU-0080-L	4TES-9Y	8	19.9	1.4/0.77	27	Q	24.5	21.15	17.93	14.94	12.21	9.75	
						P	10.7	9.43	8.25	7.17	6.16	5.24	
					32	Q	22.45	19.36	16.42	13.66	11.13	8.85	
						P	11.1	9.75	8.51	7.36	6.3	5.32	
					43	Q		15.49	13.12	10.87	8.79	6.91	
						P		10.4	9.01	7.73	6.54	5.45	

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

WACU - Wongso Aircooled Condensing Unit

Low Temperature Performance Data



Performance data 50 Hz based on 20°C suction gas temperature with liquid subcooling.

Model	Compressor			Fan Condenser (A)	TE	TA	Capacity R404a (kW)						
	Type	HP	Max. Operating Current (A)				-5	-10	-15	-20	-25	-30	
WACU-0100-L	4PES-12Y	10	22.7	1.4/0.77	27	Q	28.1	24.1	20.35	16.89	13.72	10.87	
						P	11.7	10.4	9.1	7.9	6.78	5.74	
						32	Q	25.65	22.05	18.59	15.37	12.42	9.78
							P	12.1	10.6	9.3	8.04	6.86	5.76
						43	Q		17.48	14.7	12.07	9.65	7.47
							P		11.1	9.57	8.18	6.87	5.66
WACU-0120-L	4NES-14Y	12	26.6	2.7/1.88	27	Q	34.15	29.35	24.8	20.65	16.82	13.41	
						P	14.1	12.6	11.1	9.7	8.39	7.17	
					32	Q	31.3	26.9	22.7	18.85	15.32	12.17	
						P	14.5	12.9	11.4	9.91	8.53	7.23	
					43	Q		21.45	18.08	14.95	12.05	9.45	
						P		13.5	11.8	10.1	8.6	7.16	
WACU-0130-L	4JE-15Y	13	30.8	2.7/1.9	27	Q	42.5	36.35	30.65	25.45	20.75	16.54	
						P	15.3	13.8	12.3	10.9	9.64	8.4	
					32	Q	39.25	33.55	28.2	23.4	19	15.09	
						P	15.9	14.3	12.8	11.3	9.87	8.54	
					43	Q	32	27.35	22.95	18.91	15.23	11.93	
						P	17.1	15.3	13.5	11.8	10.2	8.67	
WACU-0150-L	4HE-18Y	15	36.7	2.8/1.5	27	Q	47.35	40.85	34.7	29	23.85	19.18	
						P	18.8	16.8	15	13.2	11.6	10	
					32	Q	43.65	37.65	31.95	26.7	21.9	17.56	
						P	19.5	17.4	15.5	13.6	11.9	10.2	
					43	Q		30.55	25.95	21.65	17.65	14.05	
						P		18.6	16.4	14.3	12.3	10.4	
WACU-0200-L	4GE-23Y	20	43.9	2.8/1.5	27	Q	51.9	45.2	38.8	32.7	27.1	22	
						P	23.1	20.5	18.1	15.9	13.8	11.9	
					32	Q	47.7	41.6	35.7	30.1	24.95	20.25	
						P	23.9	21.2	18.7	16.4	14.2	12.2	
					43	Q			28.9	24.4	20.2	16.34	
						P			19.8	17.2	14.8	12.6	
WACU-0220-L	6JE-25Y	22	46.4	2.8/1.5	27	Q	55.8	48.4	41.35	34.7	28.65	23.1	
						P	24	21.4	19	16.7	14.5	12.5	
					32	Q	51.4	44.55	38	31.9	26.2	21.1	
						P	24.7	22.1	19.5	17.1	14.8	12.6	
					43	Q			30.7	25.7	20.95	16.66	
						P			20.4	17.7	15.2	12.7	
WACU-0250-L	6HE-28Y	25	53.2	2.8/1.5	27	Q	60.2	52.9	45.7	38.8	32.3	26.35	
						P	29.4	26.1	23.1	20.2	17.5	14.9	
					32	Q	55.1	48.5	41.9	35.6	29.6	24.05	
						P	30.3	26.9	23.7	20.6	17.8	15.2	
					43	Q				28.55	23.7	19.1	
						P				21.3	18.2	15.3	
WACU-0280-L	4FE-28Y	28	52.8	2.8/1.5	27	Q	70.48	59.36	50.34	41.5	34.3		
						P	24.49	22.52	20.28	18.23	16.04		
					32	Q	64.35	55.27	46.13	38.75	31.52		
						P	25.9	23.46	21.23	18.82	16.6		
					43	Q	51.79	44.79	37.45	30.95	25.78		
						P	28.32	25.45	22.76	20.09	17.4		
WACU-0300-L	6GE-34Y	30	65.5	2.8/1.5	27	Q	83.42	71.57	60.8	50.21	41.63		
						P	31.88	28.84	25.86	23.2	20.4		
					32	Q	75.84	65.24	55.58	46.81	38.2		
						P	33.8	30.44	27.18	24.04	21.21		
					43	Q	61.87	53.57	44.86	38.07	31.14		
						P	36.94	33.03	29.47	25.84	22.51		
WACU-0400-L	6FE-44Y	40	83.2	6.4/4.4	27	Q	94.66	81.36	70.46	59.16	48.13		
						P	39.25	35.67	31.86	28.43	25.25		
					32	Q	87.18	75.12	64.05	53.93	44.75		
						P	40.71	36.88	33.1	29.39	28.82		
					43	Q	69.98	60.75	52.18	43.14	36.01		
						P	43.51	39.14	34.86	30.81	26.77		

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

WACU - Wongso Aircooled Condensing Unit

Medium Temperature Dimensions & Cross References



Model	Connection		Net Weight Kgs	Dimension (mm)			Product Cross Reference						Wongso Aircooled Evaporator	
	Suction	Liquid		W	D	H	Bitzer	Bock	Copland Discuss	Copeland Fusion/Stream	Frascold	Dorin		
WACU-0005-M	1/2	3/8	77	700	740	605	2KES-05Y						H80CC	WMT 005
WACU-0007-M	1/2	3/8	77	700	740	605	2JES-07Y	HGX12P/60-4S	DKJ-15X			A07-5Y	H101CC	WMT 007
WACU-0020-M	5/8	3/8	80	700	740	605	2HES-2Y	HGX12P/75-4S	DKSJ-15X			A1.5-7Y	H151CC	WMT 020
WACU-0021-M	5/8	3/8	80	700	740	605	2GES-2Y	HGX12P/90-4	DKL-15X			A1.5-8Y	H181CC	WMT 021
WACU-0030-M	5/8	3/8	89	700	740	605	2FES-3Y	HGX12P/110-4S	DKSL-20X			B2-10.1Y	H201CC	WMT 030
WACU-0031-M	7/8	1/2	143	910	850	655	2EES-3Y	HGX22P/125-4S	DLE-20X			D2-11.1Y	H281CC	WMT 031
WACU-0032-M	7/8	1/2	143	910	850	655	2DES-3Y	HGX22P/160-4S	DLF-30X			D3-13.1Y	H300CC	WMT 032
WACU-0040-M	7/8	1/2	147	1060	950	655	2CES-4Y	HGX22P/190-4S	DLJ-30X			D4-16.1Y	H380CC	WMT 040
WACU-0050-M	7/8	1/2	166	1060	950	655	4FES-5Y	HGX34P/215-4S	DLL-40X			Q5-19.1Y	H403CC	WMT 050
WACU-0060-M	1 1/8	1/2	166	1060	950	905	4EES-6Y	HGX34P/225-4S	D2SA-55X			Q5-24.1Y	H503CC	WMT 060
WACU-0070-M	1 1/8	5/8	221	1140	1030	905	4DES-7Y	HGX34P/315-4S	D2DB-75X	QF115AE		Q7-28.1Y	H701CC	WMT 070
WACU-0090-M	1 1/8	5/8	240	1140	1030	950	4CES-9Y	HGX34P/380-4S	D3DA-75X	QF125AE		Q7-33.1Y	H1002CC	WMT 090
WACU-0120-M	1 3/8	5/8	297	1550	1030	950	4TES-12Y	HGX4/465-4S	D3SC-100X	QF185AE		S12-42Y	H1201CC	WMT 120
WACU-0150-M	1 5/8	7/8	364	1550	1030	950	4PES-15Y	HGX4/555-4S	D3SS-150X			S15-51Y	H1501CC	WMT 150
WACU-0200-M	1 5/8	7/8	367	2070	1180	950	4NES-20Y	HGX4/650-4S	D4SA-200X			S20-56Y	H2001CC	WHD 210
WACU-0220-M	1 5/8	7/8	408	2070	1180	950	4JE-22Y	HGX5/725-4S			4MA-22X		H2201CC	WHD 255
WACU-0250-M	2 1/8	7/8	422	2070	1180	1050	4HE-25Y	HGX5/830-4S	D4SH-250X	4MH-25X			H2500CC	WHD 290
WACU-0300-M	2 1/8	7/8	507	2370	1230	1250	4GE-30Y	HGX5/945-4S	D6SA-300X	4MI-30X	V30-84Y		H3000CC	WHD 340
WACU-0330-M	2 1/8	7/8	535	2370	1230	1250	6JE-33Y	HGX6/1080-4S		4MJ-33X			H3400CC	
WACU-0350-M	2 1/8	7/8	496	2370	1230	1250	4FE-35Y						H3400CC	WHD 470
WACU-0351-M	2 1/8	7/8	539	2370	1230	1250	6HE-35Y	HGX6/1240-4S	D6SH-350X				H3500CC	
WACU-0400-M	2 1/8	7/8	542	2370	1230	1250	6GE-40Y	HGX6/1410-4S	D6SJ-400X	6MI-40X			H4500CC	
WACU-0500-M	2 1/8	1 1/8	546	2370	1230	1250	6FE-50Y	HGX7/1620-4S	D8DH-500X	6MK-50X	Z50-154Y		H5000CC	WHD 500

Low Temperature Dimensions & Cross References

Recommended by Wongso

Model	Connection		Net Weight Kgs	Dimension (mm)			Product Cross Reference						Wongso Aircooled Evaporator	
	Suction	Liquid		W	D	H	Bitzer	Bock	Copland Discuss	Copeland Fusion/Stream	Frascold	Dorin		
WACU-0010-L	5/8	3/8	78	700	740	605	2HES-1Y	HGX12P/75-4	DKXJ-10X			A1-7Y	H101CS	WLT 010
WACU-0020-L	5/8	3/8	88	700	740	605	2FES-2Y	HGX12P/110-4	DKSL-15X			B1.5-10Y	H181CS	WLT 020
WACU-0021-L	7/8	3/8	109	700	740	605	2EES-2Y	HGX22P/125-4	DLE-20X			D2-11.1Y	H251CS	WLT 021
WACU-0022-L	7/8	3/8	127	700	740	605	2DES-2Y	HGX22P/160-4	DLF-20X			D2-13.1Y	H290CS	WLT 022
WACU-0030-L	7/8	1/2	141	910	850	655	2CES-3Y	HGX22P/190-4	DLJ-20X			D3-16.1Y	H300CS	WLT 030
WACU-0031-L	7/8	1/2	154	910	850	655	4FES-3Y	HGX34P/215-4	DLL-30X			Q4-20.1Y	H390CS	WLT 031
WACU-0040-L	1 1/8	1/2	156	910	850	655	4EES-4Y	HGX34P/225-4	D2SA-45X			Q4-24.1Y	H403CS	WLT 040
WACU-0050-L	1 1/8	1/2	169	1060	950	655	4DES-5Y	HGX34P/315-4	D2SC-55X	QF115AE		Q5-28.1Y	H701CS	WLT 050
WACU-0060-L	1 1/8	1/2	174	1060	950	905	4CES-6Y	HGX34P/380-4	D2SK-65X	QF125AE		Q5-33.1Y	H751CS	WLT 060
WACU-0080-L	1 3/8	5/8	273	1140	1030	905	4TES-9Y	HGX4/465-4	D3SC-75X	QF145AE			H801CS	WLT 080
WACU-0100-L	1 3/8	5/8	295	1140	1030	950	4PES-12Y			QF175AE			H1001CS	WLT 100
WACU-0120-L	1 3/8	7/8	338	1550	1030	950	4NES-14Y			QF205AE			H1501CS	WLT 130
WACU-0130-L	1 5/8	7/8	408	1550	1030	950	4JE-15Y			4MF-13X			H1601CS	WHD 130
WACU-0150-L	1 5/8	7/8	418	2070	1180	950	4HE-18Y			4ML-15X	V15-71Y		H2000CS	
WACU-0200-L	2 1/8	7/8	410	2070	1180	950	4GE-23Y			4MM-20X	V20-84Y		H2500CS	WHD 180
WACU-0220-L	2 1/8	7/8	450	2070	1180	1050	6JE-25Y			4MT-22X			H3000CS	WHD 220
WACU-0250-L	2 1/8	7/8	450	2070	1180	1050	6HE-28Y			4MU-25X	Z25-106Y		H3000CS	
WACU-0280-L	2 1/8	7/8	496	2070	1180	1050	4FE-28Y			4MU-25X			H3500CS	
WACU-0300-L	2 1/8	7/8	531	2370	1180	1250	6GE-34Y			6MM-30X	Z30-126Y		H4000CS	WHD 280
WACU-0400-L	2 1/8	1 1/8	543	2370	1180	1250	6FE-44Y			6MU-40X	Z40-154Y		H5000CS	WHD 340

