

AT Active Series Unit Coolers



4.5
Fin Spacing
TR =
+3 °C

6
Fin Spacing
TR =
-10 °C

7
Fin Spacing
TR =
-18 °C

R-404A

220V/1Ph/50Hz

380V/3Ph/50Hz



Product Specifications

Fin Spacing 4.5 mm.

Model	Air Quantity (m³/h)	Power Supply	Fan Motor		Heater		Connection Size (Inch)	
			Blade x Qty (mm.)	FLA x Qty (A.)	Defrost (W)	Drain (W)	In	Out
AT3014E	1,423	230V/1Ph/50Hz	300 x 1	0.42 x 1	3 x 520	-	1/2	3/4
AT3024E	2,417		300 x 2	0.42 x 2	3 x 800	-	1/2	3/4
AT3034E	4,782		300 x 3	0.42 x 3	3 x 1400	-	3/4	1-1/8
AT3514E	2,042		350 x 1	0.65 x 1	3 x 600	-	5/8	1-5/8
AT3524E	4,084		350 x 2	0.65 x 2	3 x 1200	-	5/8	1-5/8
AT3534E	6,126		350 x 3	0.65 x 3	3 x 1800	-	5/8	1-5/8
AT4514E	3,789	380V/3Ph/50Hz	450 x 1	0.55 x 1	3 x 850	-	5/8	1-5/8
AT4524E	7,410		450 x 2	0.55 x 2	3 x 1630	-	5/8	1-5/8
AT4534E	11,081		450 x 3	0.55 x 3	3 x 2430	-	5/8	1-5/8
AT5014E	6,322		500 x 1	0.85 x 1	3 x 900	-	5/8	1-5/8
AT5024E	12,644		500 x 2	0.85 x 2	3 x 1800	-	5/8	1-5/8
AT5034E	18,966		500 x 3	0.85 x 3	3 x 2700	-	5/8	1-5/8

Fin Spacing 6 mm.

Model	Air Quantity (m³/h)	Power Supply	Fan Motor		Heater		Connection Size (Inch)	
			Blade x Qty (mm.)	FLA x Qty (A.)	Defrost (W)	Drain (W)	In	Out
AT3016E	1,487	230V/1Ph/50Hz	300 x 1	0.42 x 1	3 x 520	1 x 520	1/2	3/4
AT3026E	2,570		300 x 2	0.42 x 2	3 x 800	1 x 800	1/2	3/4
AT3036E	4,874		300 x 3	0.42 x 3	3 x 1400	1 x 1400	3/4	1-1/8
AT3516E	2,100		350 x 1	0.65 x 1	3 x 600	1 x 600	5/8	1-5/8
AT3526E	4,200		350 x 2	0.65 x 2	3 x 1200	1 x 1200	5/8	1-5/8
AT3536E	6,305		350 x 3	0.65 x 3	3 x 1800	1 x 1800	5/8	1-5/8
AT4516E	3,987	380V/3Ph/50Hz	450 x 1	0.55 x 1	3 x 850	1 x 850	5/8	1-5/8
AT4526E	7,814		450 x 2	0.55 x 2	3 x 1630	1 x 1630	5/8	1-5/8
AT4536E	11,675		450 x 3	0.55 x 3	3 x 2430	1 x 2430	5/8	1-5/8
AT5016E	6,466		500 x 1	0.85 x 1	3 x 900	1 x 900	5/8	1-5/8
AT5026E	12,931		500 x 2	0.85 x 2	3 x 1800	1 x 1800	5/8	1-5/8
AT5036E	19,397		500 x 3	0.85 x 3	3 x 2700	1 x 2700	5/8	1-5/8

Fin Spacing 7 mm.

Model	Air Quantity (m³/h)	Power Supply	Fan Motor		Heater		Connection Size (Inch)	
			Blade x Qty (mm.)	FLA x Qty (A.)	Defrost (W)	Drain (W)	In	Out
AT3017E	1,516	230V/1Ph/50Hz	300 x 1	0.42 x 1	3 x 520	1 x 520	1/2	3/4
AT3027E	2,652		300 x 2	0.42 x 2	3 x 800	1 x 800	1/2	3/4
AT3037E	4,918		300 x 3	0.42 x 3	3 x 1400	1 x 1400	3/4	1-1/8
AT3517E	2,127		350 x 1	0.65 x 1	3 x 600	1 x 600	5/8	1-5/8
AT3527E	4,255		350 x 2	0.65 x 2	3 x 1200	1 x 1200	5/8	1-5/8
AT3537E	6,393		350 x 3	0.65 x 3	3 x 1800	1 x 1800	5/8	1-5/8
AT4517E	4,082	380V/3Ph/50Hz	450 x 1	0.55 x 1	3 x 850	1 x 850	5/8	1-5/8
AT4527E	8,012		450 x 2	0.55 x 2	3 x 1630	1 x 1630	5/8	1-5/8
AT4537E	11,973		450 x 3	0.55 x 3	3 x 2430	1 x 2430	5/8	1-5/8
AT5017E	6,527		500 x 1	0.85 x 1	3 x 900	1 x 900	5/8	1-5/8
AT5027E	13,065		500 x 2	0.85 x 2	3 x 1800	1 x 1800	5/8	1-5/8
AT5037E	19,597		500 x 3	0.85 x 3	3 x 2700	1 x 2700	5/8	1-5/8

Remark: FLA : Full Load Amp.

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Performance Table R-404A

Model	Cooling Capacity 7TD (kW)							Cooling Capacity 8TD (kW)						
	Tr 12°C	Tr 5°C	Tr 0°C	Tr -5°C	Tr -18°C	Tr -20°C	Tr -25°C	Tr 12°C	Tr 5°C	Tr 0°C	Te -5°C	Te -18°C	Te -20°C	Te -25°C
AT3014E	2.88	2.84	2.78	2.68	2.51	2.48	2.39	3.45	3.30	3.27	3.12	2.87	2.83	2.71
AT3024E	4.69	4.60	4.54	4.39	4.10	4.06	3.91	5.63	5.37	5.32	5.12	4.66	4.60	4.42
AT3034E	7.37	7.10	7.02	6.83	6.24	6.15	5.93	8.92	8.47	8.35	7.95	7.13	6.99	6.61
AT3514E	4.07	3.95	3.89	3.83	3.59	3.55	3.44	4.93	4.69	4.65	4.46	4.13	4.07	3.92
AT3524E	8.17	7.94	7.84	7.70	7.26	7.19	7.03	9.89	9.42	9.36	8.99	8.37	8.28	8.02
AT3534E	12.98	12.24	12.08	11.46	10.08	9.86	9.61	15.47	14.41	14.01	13.19	11.35	11.04	10.24
AT4514E	12.93	8.48	8.32	7.84	6.72	6.53	6.30	10.65	9.92	9.56	8.95	7.50	7.26	6.44
AT4524E	17.57	16.62	16.40	15.55	13.60	13.27	13.04	20.79	19.49	18.95	17.83	15.24	14.81	13.64
AT4534E	26.00	24.89	24.81	23.76	21.56	21.20	20.35	31.00	29.40	28.89	27.49	24.44	23.95	22.56
AT5014E	12.93	12.45	12.39	11.89	11.00	10.85	10.43	15.61	14.73	14.55	13.85	12.49	12.28	11.80
AT5024E	26.84	25.29	24.90	23.57	20.61	20.14	18.80	32.07	29.77	28.91	27.14	23.20	22.56	20.85
AT5034E	40.55	37.86	37.02	34.79	29.68	28.85	26.58	48.09	44.34	42.70	39.79	33.15	32.09	29.26
AT3016E	2.57	2.51	2.49	2.43	2.28	2.26	2.18	3.11	2.96	2.95	2.83	2.62	2.59	2.49
AT3026E	4.18	4.09	4.04	3.97	3.76	3.76	3.61	5.06	4.84	4.82	4.64	4.29	4.27	4.10
AT3036E	6.33	6.12	6.03	5.90	5.51	5.45	5.26	7.67	7.33	7.23	6.91	6.28	6.19	5.97
AT3516E	3.55	3.48	3.43	3.36	3.17	3.15	3.09	4.35	4.15	4.14	3.97	3.71	3.67	3.56
AT3526E	7.12	7.02	6.91	6.75	6.41	6.39	6.29	8.71	8.34	8.32	8.00	7.51	7.45	7.26
AT3536E	11.56	10.99	10.86	10.35	9.24	9.06	8.66	13.85	12.96	12.66	11.97	10.47	10.23	9.57
AT4516E	8.35	7.89	7.74	7.35	6.39	6.23	5.85	9.91	9.24	8.95	8.42	7.16	6.95	6.85
AT4526E	16.25	15.41	15.24	14.51	12.86	12.57	11.92	19.35	18.13	17.68	16.70	14.48	14.11	13.09
AT4536E	23.89	22.96	22.86	21.99	20.17	20.04	19.18	28.68	27.15	26.76	25.53	22.95	22.57	21.42
AT5016E	11.32	10.92	10.87	10.52	9.83	9.74	9.43	13.73	12.99	12.88	12.31	11.32	11.17	10.74
AT5026E	23.76	22.51	22.23	21.13	18.81	18.44	17.57	28.49	26.57	25.94	24.45	21.29	20.79	19.42
AT5036E	36.05	33.92	33.26	31.42	27.31	26.64	24.83	42.98	39.79	38.57	36.11	30.70	29.83	27.49
AT3017E	2.53	2.51	2.45	2.35	2.20	2.18	2.11	3.06	2.90	2.88	2.76	2.55	2.52	2.43
AT3027E	4.13	4.03	3.99	3.89	3.67	3.64	3.53	4.99	4.76	4.73	4.55	4.24	4.18	4.03
AT3037E	6.16	5.95	5.85	5.69	5.29	5.24	5.07	7.49	7.12	7.00	6.67	6.06	5.97	5.76
AT3517E	3.44	3.40	3.36	3.23	3.05	3.04	2.97	4.27	4.06	4.03	3.87	3.60	3.56	3.47
AT3527E	6.91	6.81	6.71	6.51	6.17	6.14	6.07	8.56	8.14	8.10	7.80	7.28	7.23	7.05
AT3537E	11.39	10.76	10.62	10.09	9.01	8.84	8.46	13.65	12.72	12.40	11.68	10.22	10.00	9.38
AT4517E	8.29	7.80	7.67	7.25	6.30	6.15	5.79	9.86	9.16	8.87	8.32	7.07	6.88	6.73
AT4527E	16.15	15.27	15.06	14.31	12.67	12.41	11.78	19.26	18.00	17.49	16.50	14.29	13.94	12.96
AT4537E	23.69	22.66	22.57	21.65	20.01	19.71	18.90	28.48	26.90	26.43	25.17	22.64	22.24	21.05
AT5017E	11.07	10.73	10.63	10.24	9.53	9.43	9.16	13.46	12.69	12.55	11.96	10.98	10.84	10.44
AT5027E	23.35	22.01	21.71	20.59	18.32	17.97	17.16	28.04	26.05	25.36	23.84	20.77	20.30	19.00
AT5037E	35.48	33.23	32.53	30.67	26.66	26.05	24.72	42.35	39.06	37.74	35.28	30.02	29.21	26.98

Remark: Te : Evaporator Temperature.

Dimension

