



Guangdong Tongyi Heat Pump Science and Technology Corp.

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Model		V5	V7	V9	V12	V14	V16	V18	V20
ErP Level(35°C)	/	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++
ErP Level(55°C)	/	A++	A++	A++	A++	A++	A++	A++	A++
Technical Data									
A7W35									
Rated Capacity	k	5100	7100	9133	12500	14000	16000	18103	20000
Rated Input Power	W	1100	1580	2119	2842	3255	3850	4181	4880
Rated COP	/	4.6	4.5	4.31	4.41	4.3	4.15	4.33	4.1
Capacity Range	W	3000-9000	3000-9000	4000~12662	8000-17700	8000-17700	8000-17700	8650-23881	8650-23881
Input Power Range	W	600-2150	600-2150	900~3150	1748-4217	1748-4217	1748-4217	1800-5950	1800-5950
A7W45									
Rated Capacity	W	5400	7500	9711	13069	14500	16500	18445	20700
Rated Input Power	W	1400	2000	2848	3622	4140	4850	5067	5900
Rated COP	/	3.8	3.7	3.41	3.59	3.5	3.4	3.64	3.51
Capacity Range	W	3200-8500	3200-8500	4200-11200	9000-16500	9000-16500	9000-16500	8800-23000	8800-23000
Input Power Range	W	700-2500	700-2500	1150-3500	2378-5291	2378-5291	2378-5291	2250-6750	2250-6750
A7W55									
Rated Capacity	W	5800	8000	10349	13700	14000	14000	21092	21300
Rated Input Power	W	1850	2650	3544	4900	4950	4950	6571	6700
Rated COP	/	3.1	3	2.92	2.8	2.86	2.86	3.21	3.18
Capacity Range	W	3700-8800	3700-8800	4500-10800	8100-14300	8100-14300	8100-14300	9000-21300	9000-21300
Input Power Range	W	1120-2900	1120-2900	1400-3600	2811-4987	2811-4987	2811-4987	2650-6700	2650-6700
A2W35									
Rated Capacity	W	4900	6700	8695	12063	13300	15000	16419	18000
Rated Input Power	W	1150	1675	2253	2959	3385	3950	4125	4750
Rated COP	/	4.2	4	3.86	4.07	3.93	3.8	3.98	3.8
Capacity Range	W	2700-8800	2700-8800	3500-11000	7200-16800	7200-16800	7200-16800	7800-21500	7800-21500
Input Power Range	W	600-2500	600-2500	870-3140	1715-4420	1715-4420	1715-4420	1800-5800	1800-5800

A2W45									
Rated Capacity	W	5100	7000	9128	12249	13500	15300	16794	18500
Rated Input Power	W	1450	2050	2826	3723	4200	4900	5120	6050
Rated COP	/	3.5	3.4	3.23	3.29	3.2	3.1	3.28	3.1
Capacity Range	W	2900-9000	2900-9000	3600-10500	7350-17100	7350-17100	7350-17100	8000-21000	8000-21000
Input Power Range	W	780-2500	780-2800	1060-3500	2000-5700	2000-5700	2000-5700	2200-7000	2200-7000
A2W55									
Rated Capacity	W	5000	6900	9036	10887	10887	10887	19060	20500
Rated Input Power	W	1780	2650	3516	4140	4140	4140	6396	7500
Rated COP	/	2.8	2.6	2.57	2.63	2.63	2.63	2.98	2.73
Capacity Range	W	3300-8500	3300-8500	3800-9500	6500-10887	6500-10887	6500-10887	8200-20500	8200-20500
Input Power Range	W	1100-3250	1100-3250	1350-3600	2250-4140	2250-4140	2250-4140	2500-7500	2500-7500
A-7W35									
Rated Capacity	W	3800	5300	7133	9244	10500	12000	13700	15500
Rated Input Power	W	1100	1600	2188	1921	3350	4000	4300	5100
Rated COP	/	3.4	3.3	3.26	3.16	3.13	3	3.2	3
Capacity Range	W	2300-7500	2300-7500	3000-9500	5550-12950	5550-12950	5550-12950	5600-18000	5600-18000
Input Power Range	W	640-2400	640-2400	800-3200	1600-4290	1600-4290	1600-4290	1500-6000	1500-6000
A-7W45									
Rated Capacity	W	4000	5500	6739	9160	10800	12300	13600	15800
Rated Input Power	W	1480	2200	2653	3690	4500	5350	5300	6500
Rated COP	/	2.7	2.5	2.54	2.48	2.4	2.3	2.56	2.41
Capacity Range	W	2500-7700	2500-7700	3200-8000	5500-12800	5500-12800	5500-12800	5700-18000	5700-18000
Input Power Range	W	870-3350	870-3350	1100-3500	1950-5550	1950-5550	1950-5550	1900-7800	1900-7800
A-7W55									
Rated Capacity	W	4200	5700	6234	9977	9977	9977	15500	18000
Rated Input Power	W	1800	2600	3247	4395	4395	4395	6750	8700
Rated COP	/	2.32	2.2	1.92	2.27	2.27	2.27	2.3	2.06
Capacity Range	W	2600-7900	2600-7900	3500-7000	6000-10000	6000-10000	6000-10000	6500-18200	6500-18200
Input Power Range	W	1050-3950	1050-3950	1500-3900	2400-4400	2400-4400	2400-4400	2600-8700	2600-8700
A-15W35									
Rated Capacity	W	3200	4500	6003	7750	9300	10500	11756	13000
Rated Input Power	W	1140	1730	2240	2794	3450	4040	4040	4850
Rated COP	/	2.8	2.6	2.68	2.77	2.68	2.6	2.91	2.68
Capacity Range	W	2000-5850	2000-5850	2400-8000	4600-12800	4600-12800	4600-12800	5700-17000	5700-17000
Input Power Range	W	660-2400	660-2400	800-3200	1480-5200	1480-5200	1480-5200	1800-6300	1800-6300

A-15W45									
Rated Capacity	W	3400	4700	6127	8065	9500	11000	11927	13400
Rated Input Power	W	1360	1960	2652	3410	4050	4780	4552	5350
Rated COP	/	2.5	2.4	2.31	2.37	2.33	2.3	2.62	2.51
Capacity Range	W	2100-6000	2100-6000	2700-7000	5000-12000	5000-12000	5000-12000	6000-17500	6000-17500
Input Power Range	W	780-2600	780-2600	960-3300	1750-5200	1750-5200	1750-5200	2000-7500	2000-7500
A-15W55									
Rated Capacity	W	3500	5000	6100	8140	8140	8140	14700	17500
Rated Input Power	W	1600	2380	2905	4175	4175	4175	5810	7500
Rated COP	/	2.2	2.1	2.1	1.95	1.95	1.95	2.53	2.33
Capacity Range	W	2300-6400	2300-6400	2600-6500	4900-8200	4900-8200	4900-8200	6200-17500	6200-17500
Input Power Range	W	950-3200	950-3200	1000-3000	2000-4200	2000-4200	2000-4200	2200-7500	2200-7500
A-20W35									
Rated Capacity	W	2720	3825	5103	6588	7905	8925	9993	11050
Rated Input Power	W	1140	1730	2240	2794	3450	4040	4040	4850
Rated COP	/	2.39	2.21	2.28	2.36	2.29	2.21	2.47	2.28
Capacity Range	W	1700-4973	1700-4973	2040-6800	3910-10880	3910-10880	3910-10880	5956-14450	5956-14450
Input Power Range	W	660-2400	660-2400	800-3200	1480-5200	1480-5200	1480-5200	1800-6300	1800-6300
A-20W45									
Rated Capacity	W	2924	4042	5269	6936	8170	9460	10257	11524
Rated Input Power	W	1360	1960	2652	3410	4050	4780	4552	5350
Rated COP	/	2.2	2.1	2	2	2	2	2.3	2.2
Capacity Range	W	1785-5160	1785-5160	2322-6020	4300-10320	4300-10320	4300-10320	5160-15050	5160-15050
Input Power Range	W	780-2600	780-2600	960-3300	1750-5200	1750-5200	1750-5200	2000-7500	2000-7500
A-20W55									
Rated Capacity	W	2993	4275	5216	6960	6960	6960	12569	14963
Rated Input Power	W	1600	2380	2905	4175	4175	4175	5810	7500
Rated COP	/	1.9	1.8	1.8	1.7	1.7	1.7	2.2	2
Capacity Range	W	1967-5470	1967-5470	2223-5558	4190-7011	4190-7011	4190-7011	5300-14963	5300-14963
Input Power Range	W	950-3200	950-3200	1000-3000	2000-4200	2000-4200	2000-4200	2200-7500	2200-7500
A35W7									
Rated Capacity	W	3500	5000	6390	9737	10500	12000	12371	14000
Rated Input Power	W	1350	2000	2651	3880	4340	5170	4870	6000
Rated EER	/	2.6	2.5	2.41	2.51	2.42	2.32	2.54	2.33
Capacity Range	W	2000-5000	2000-7000	3200-7738	5383-14311	5383-14311	5383-14311	5700-15574	5700-15574
Input Power Range	W	700-2150	700-3050	1050-3500	2029-6014	2029-6014	2029-6014	1800-7000	1800-7000

A35W18									
Rated Capacity	W	5000	7000	8941	13870	14900	14900	17023	19000
Rated Input Power	W	1500	2250	2884	4145	4750	4750	5370	6350
Rated EER	/	3.3	3.1	3.1	3.35	3.13	3.13	3.17	3
Capacity Range	W	2800-7000	2800-10000	4500-11000	8062-14953	8062-14953	8062-14953	8000-21000	8000-21000
Input Power Range	W	800-2000	800-3550	1200-4000	2154-4774	2154-4774	2154-4774	2100-7700	2100-7700
A20W15-55									
Rated Capacity		7000	8500	10238	15034	15034	15034	22787	25500
Rated Input Power		1500	1900	2359	3561	3561	3561	5019	6050
Rated COP		4.6	4.5	4.34	4.31	4.31	4.31	4.54	4.2
Capacity Range	W	2600-8000	2600-9000	4200-10134	9200-15034	9200-15034	9200-15034	9577-27638	9577-27638
Input Power Range	W	520-1850	520-2150	870-2380	1920-3561	1920-3561	1920-3561	1970-6750	1970-6750
A7W9-55									
Rated Capacity		5700	7000	8488	12538	12538	12538	19399	22000
Rated Input Power		1450	1890	2263	3362	3362	3362	4924	6100
Rated COP		3.9	3.7	3.75	3.73	3.73	3.73	3.94	3.61
Capacity Range	W	2200-6000	2200-8000	3500-8500	7500-12538	7500-12538	7500-12538	8500-25000	8500-25000
Input Power Range	W	500-1360	500-2300	860-2275	1830-3362	1830-3362	1830-3362	2000-7100	2000-7100