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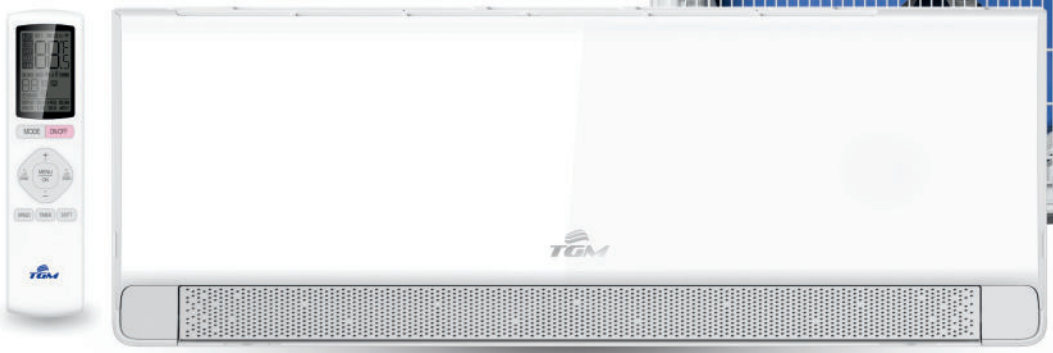

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DC INVERTER

ANTI-CORROSIVE GOLD FIN COATING

10 FT PIPE KIT AND COMMUNICATION CABLES INCLUDED

Features



Wide Operating Range

AC Freedom Android

AC Freedom IOS



Washable Air Filter



Cross Wind

System Model			AWHHBT12SA / ARHHBT12ASA	AWHHBT12S / ARHHBT12AS	AWHHBT18S / ARHHBT18AS	AWHHBT24S / ARHHBT24AS
Power supply source		V/Ph/Hz	115V~ / 1 Ph / 60Hz	208-230V~ / 1 Ph /60Hz	208-230V~ / 1 Ph /60Hz	208-230V~ / 1 Ph /60Hz
Rated Capacity	Cooling	Btu/h	12000	12000	18000	22500
	Heating	Btu/h	12300	12300	18200	24000
Rated Power Consumption	Cooling	W	960	900	1250	1600
	Heating	W	850	850	1300	1750
Rated Running Current	Cooling	A	8.5	4.4	5.5	7.2
	Heating	A	7.5	4.3	5.7	8
SEER2		-	24	24	25	25
EER2		-	12	12	14	14
Max. Input Power		W	1600	1600	2200	2900
Max. Input Current		A	12.5	10.5	12	16
HSPF2 Heating		-	10	10	10.5	10.5
MCA (Minimum Circuit Ampacity)		A	15	10	15	15
MOCP (Maximum Overcurrent Protection)		A	25	15	20	25
Max. Discharge Pressure		PSI	623	623	623	623
Max. Suction Pressure		PSI	362	362	362	362
Air Flow Volume		m3/h	700	690	1300	1500
Noise level		dB (A)	53	53	57	58
Energy Star Certified		-	**Yes**	**Yes**	**Yes**	**Yes**
Indoor Model			AWHHBT12SA	AWHHBT12S	AWHHBT18S	AWHHBT24S
Indoor Unit Weight (Net)		Lbs	18	18	29	35
Fan motor	Type	-	DC	DC	DC	DC
Dimension	Net Dimension (WxDxH)	in	32.5 × 12.0 × 8.0	32.5 × 12.0 × 8.0	45.0 × 13.1 × 9.0	49.0 × 14.1 × 10.1
	Packing Dimension (WxDxH)	in	35.1 × 14.6 × 11.1	35.1 × 14.6 × 11.1	48.0 × 16.0 × 13.0	53.0 x 17.5 × 14.0
Outdoor Model			ARHHBT12ASA	ARHHBT12AS	ARHHBT18AS	ARHHBT24AS
Outdoor Unit Weight (Net)		Lbs	56	53	93	97
Refrigerant		-	R32	R32	R32	R32
Refrigerant Charged		g/oz	500/17.6	600/21.2	1200/42.4	1350/47.6
Additional Refrigerant 25ft		oz/ft	0.172	0.172	0.258	0.258
Connection pipe	Liquid	in	1/4"	1/4"	1/4"	1/4"
	Gas	in	3/8"	3/8"	1/2"	5/8"
Min. Allowable Length		ft	9.8	9.8	9.8	9.8
Max. Allowable Length		ft	65.6	65.6	98.4	98.4
Max. Allowable Elevation		ft	49.2	49.2	65.6	65.6
Power Cable		AWG	14/3	14/3	14/3	14/3
Interconnecting Wire Size		AWG	18/4	18/4	18/4	18/4
Operating temperature range		Cooling	5~125.6℉(-15~52℃)	5~125.6℉(-15~52℃)	5~125.6℉(-15~52℃)	5~125.6℉(-15~52℃)
		Heating	-13~75.2℉(-25~24℃)	-13~75.2℉(-25~24℃)	-13~75.2℉(-25~24℃)	-13~75.2℉(-25~24℃)
Compressor	Brand	-	GMCC	GMCC	Sanyo	GMCC
Fan motor	Type	-	DC	DC	DC	DC
Dimension	Net Dimension (WxDxH)	in	28.0 × 11.0 × 21.2	28.0 × 11.0 × 21.2	35.0 × 14.0 × 27.5	35.0 × 14.0 × 27.5
	Packing Dimension (WxDxH)	in	32.5 × 13.5 × 23.4	32.5 × 13.5 × 23.4	40.0 × 17.1 × 30.0	40.0 × 17.1 × 30.0

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Quality, innovation, and comfort: Built to keep comfortable season after season.



UP TO 9 HSPF2

UP TO 20 SEER2

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Features



Wide Operating Range

AC Freedom Android

AC Freedom IOS



Motorized Airflow Swing



Washable Air Filter

System Model			ARHCPT09AS / AWHCPT09S	ARHCPT12ASA / AWHCPT12SA	ARHCPT12AS / AWHCPT12S	ARHCPT18AS / AWHCPT18S	ARHCPT24AS / AWHCPT24S	ARHCPT36AS / AWHCPT36S
AHRI Reference No.			218620799	218620800	218620801	218620802	218620803	218620804
Power supply source		V/Ph/Hz	208-230V~ / 1 Ph /60Hz	115V~ / 1 Ph / 60Hz	208-230V~ / 1 Ph /60Hz	208-230V~ / 1 Ph /60Hz	208-230V~ / 1 Ph /60Hz	208-230V~/60Hz
Rated Capacity	Cooling (95F)	Btu/h	9000	12000	12000	17000	22400	33600
	Heating (47F)	Btu/h	10100	12000	12000	17000	22400	34000
Rated Power Consumption	Cooling	W	940	1350	1200	1500	2500	3300
	Heating	W	830	1200	1050	1440	2000	3000
Rated Running Current	Cooling	A	4.3	10	5.5	7	11.5	15
	Heating	A	3.8	9	5	6.5	9	13
SEER2		-	20.2	19	20	19	19	20
EER2		-	10.3	9	9.5	11	9	10.1
Max. Input Power		W	1800	1400	1500	1900	2800	3700
Max. Input Current		A	9.5	12	7	9	14	18
MCA (Minimum Circuit Ampacity)		A	7.5	13	10	7.5	14	20
MOCP (Maximum Overcurrent Protection)		A	10	20	15	15	20	35
HSPF2		-	9	8.5	9	8.5	8.5	8.55
Max. Discharge Pressure		PSI	623	623	623	623	623	623
Max. Suction Pressure		PSI	362	362	362	362	362	362
Air Flow Volume		m3/h	600	550	550	900	1200	1500
Noise level		dB (A)	52	51	52	53	57	59
Indoor Model			**AWHCPT09S**	**AWHCPT12SA**	**AWHCPT12S**	**AWHCPT18S**	**AWHCPT24S**	**AWHCPT36S**
Indoor unit weight (Net)		lbs	16	17	16	24	28	35
Fan motor	Type	-	DC	DC	DC	DC	DC	DC
Dimension	Net Dimension (WxDxH)	in	30.0 × 11.6 × 7.9	30.0 × 11.6 × 8.3	30.0 × 11.6 × 8.3	37.8 × 12.2 × 8.7	42.6 × 13.0 × 9.2	49.2 × 14.1 × 10.0
	Packing Dimension (WxDxH)	in	32.5 × 14.5 × 11.0	33.0 × 14.4 × 11.3	33.0 × 14.4 × 11.3	40.2 × 14.8 × 12.0	45.5 × 15.6 × 12.3	52.8 × 17.5 × 14.0
Outdoor Model			**ARHCPT09AS**	**ARHCPT12ASA**	**ARHCPT12AS**	**ARHCPT18AS**	**ARHCPT24AS**	**ARHCPT36AS**
Outdoor unit weight (Net)		lbs	50	50	50	53	64	106
Refrigerant		-	R32	R32	R32	R32	R32	R32
Refrigerant Charged		g/oz	550/19.4	620/21.9	580/20.5	850/30.0	1130/39.9	2050/70
Connection pipe	Liquid	in	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	Gas	in	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"
Operating temperature range		Cooling	5~125.6℉ (-15~52℃)	5~125.6℉ (-15~52℃)	5~125.6℉ (-15~52℃)	5~125.6℉ (-15~52℃)	5~125.6℉ (-15~52℃)	5~125.6℉ (-15~52℃)
		Heating	5~75.2℉ (-15~24℃)	5~75.2℉ (-15~24℃)	5~75.2℉ (-15~24℃)	5~75.2℉ (-15~24℃)	5~75.2℉ (-15~24℃)	5~75.2℉ (-15~24℃)
Fan motor	Type	-	DC	DC	DC	DC	DC	DC
Min. Allowable Length		ft	9.8	9.8	9.8	9.8	9.8	9.8
Max. Allowable Length		ft	65.6	65.6	65.6	98.4	98.4	98.4
Max. Allowable Elevation		ft	49.2	49.2	49.2	65.6	65.6	65.6
Power Cable		AWG	14/3	14/3	14/3	14/3	14/3	14/3
Interconnecting Wire Size		AWG	18/4	18/4	18/4	18/4	18/4	18/4
Compressor	Brand	-	GMCC-KSN98D27UER31	HIGHLY-GSX098CKNA6JG8	GMCC-KSN98D13UER32	GMCC-KSN98D27UER31	GMCC-KTN150D43UFZC31	GMCC-KTM240D43UKUA2
Dimension	Net Dimension (WxDxH)	in	29.7 × 11.0 × 21.0	28.0 × 11.0 × 21.0	28.0 × 11.0 × 21.0	30.0 × 11.0 × 21.1	31.0 × 12.0 × 22.0	35.4 × 14.0 × 27.5
	Packing Dimension (WxDxH)	in	32.5 × 13.6 × 23.4	32.5 × 13.6 × 23.4	32.5 × 13.6 × 23.4	32.5 × 13.6 × 23.4	35.5 × 15.0 × 24.2	40.0 × 17.0 × 30.0

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