



Heat Pump Unit

Up to 14 SEER

8.2 HSPF

Reliable & Affordable Comfort

PRODUCT HIGHLIGHTS

- Capacity: 24k, 30k, 36k, 42k, 48k & 60k BTU's
- Up to 14 SEER
- 8.2 HSPF
- AHRI & ETL Certified
- R-410A environmentally friendly refrigerant
- Painted galvanized steel cabinet
- 24V low voltage control
- Condenser coils constructed with copper tubing and enhanced aluminum fins
- Golden fin, anticorrosion protection



24K, 30K, 36K, 42K, 48K & 60K BTU

Model		ACTH2414NG1-D	ACTH3014NG1-D	ACTH3614NG1-D	ACTH4214NG1-D	ACTH4814NG1-D	ACTH6014NG1-D	
Outdoor Power Supply		V/Ph/Hz	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	230V/1N/60HZ	
Cooling	Capacity	Btu/h	23600	28600	34000	40500	46000	
	Input	W	2020	2450	2910	3480	3950	
	EER	Btu/h.W	12.2	11.7	11.7	11.7	11.2	
	SEER (AHRI Certified)	Btu/h.W	14	14	14	14	14	
Heating	Capacity	Btu/h	22200	28600	33500	40000	46000	
	HSPF (AHRI Certified)	Btu/h.W	8.2	8.2	8.2	8.2	8.2	
Max. Input Consumption		W	2450	3075	3573.5	4350	4937.5	
Max. Current		A	11.58	14.02	16.65	19.91	22.6	
Compressor	Type		Rotary	Rotary	Rotary	Scroll	Scroll	
	Capacity	Amp	25.97	30.67	35.91	45.87	53.52	
	Input	Amp	8.48	9.96	11.74	14.91	17.23	
	Rated Current (RLA)	A	8.7	10.2	11.9	15.2	17.3	
	Locked Rotor Amp (LRA)	A	44	56	60	112	108	
	Thermal Protector	uf	40	55	70	45	70	
	Refrigerant Oil	ml	570	570	570	1280	1280	
Outdoor Fan Motor	Input	Amp	0.94	1.31	1.81	0.9	2.22	
	Output	Amp	0.37	0.37	0.48	0.48	1	
	Capacitor	µF	6	6	6	6	12	
	Speed	rpm	970	970	850	850	1095	
Outdoor Coil	Number of Row		2	2	2	2	2.7	
	Fin Spacing	in	0.055	0.055	0.055	0.055	0.055	
	Fin Material		non-Hydrophilic Aluminium Fin					
	Tube Outside Diameter	in	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276	Φ 0.276	
	Tube Material		Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved	
	Coil Height x Width x Length	in	23.15×1.05×56.22		23.15×1.05×84.65		31.48×84.65×1.05	
Number of Circuit		6	6	6	10	10	8	
Outdoor Noise Level		dB(A)	60	61	61	63	63	
Outdoor Dimension	Unit (HxWxD)	in	25×21-5/6×21-5/6		25×29-1/8×29-1/8		32-5/6×29-1/8×29-1/8	
	Packing (HxWxD)	in	23×23×26	23×23×26	30×30×26	30×30×34	30×30×34	30×30×34
	Net/Gross Weight	lbs	121/126	137/146	156/163	207/216	207/216	214/223
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	
	Charge	ozs	93.47	95.23	123.46	141.09	148.15	190.48
Refrigerant Pipe	Liquid Side	in	3/8	3/8	3/8	3/8	3/8	
	Gas Side	in	3/4	3/4	3/4	3/4	7/8	
	Max. Refrigerant Pipe Length	ft	65 39/64	65 39/64	65 42/40 39/64	65 39/64	65 39/64	65 39/64
	Max. Difference in Level	ft	32 13/16	32 13/16	32 13/16	32 13/16	32 13/16	32 13/16
Design Pressure		PSI	580/174	580/174	580/174	580/174	580/174	
Max. Pressure		PSI	609	609	609	609	609	

Dimensions			
Unit Model	Height (in)	Width (in)	Depth (in)
24k	25	21 5/6	21 5/6
30k	25	21 5/6	21 5/6
36k	25	29 1/8	29 1/8
42k	32 5/6	29 1/8	29 1/8
48k	32 5/6	29 1/8	29 1/8
60k	32 5/6	29 1/8	29 1/8

Note: All dimensions are subject to change without notice.

Quality & Value made simple!



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