

**High
Efficiency**

10+



10+ SEER - AIR CONDITIONER



Representative photo only, some models may vary in appearance.

1 1/2 THRU 5 TONS SPLIT SYSTEM FEATURES

- High efficiency scroll compressors on all models
- Copper tube / aluminum fin coil
- Prepainted condenser fins
- Top air discharge for quieter operation
- G-90 Galvanized steel cabinet with integral base rails
- Triple step paint process
- Coated inlet and discharge grilles ruggedly built for enhanced coil protection
- Numerous service friendly features
- Service valves on all models with 3-1/2" stubs
- External refrigerant connections
- Easy side access sloped control panel
- Fan motor in-line disconnect plug
- Factory charged with R-22, condenser plus 25 Ft. lines
- 5 Year parts, 10 year compressor limited warranties
- 11+ SEER with Expansion Valve coils & Variable Speed Blowers or Furnaces



Rated in accordance with ARI Standard 210. Certification applies only when used with proper components as listed with ARI.



International Comfort Products Corporation (USA)
651 Heil-Quaker Ave.
Lewisburg, Tennessee 37091

RESIDENTIAL AND COMMERCIAL SYSTEMS • SPLIT SYSTEMS • PACKAGED AIR CONDITIONERS •
COMBINATION GAS / ELECTRIC UNITS • HEAT PUMPS • AIR HANDLERS • MANUFACTURED HOME AIR
CONDITIONERS • GAS, OIL AND ELECTRIC FURNACES

Base Specifications

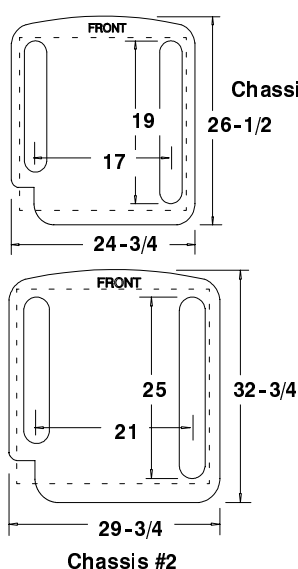
Model Number	HAC018AKA	HAC024AKA	HAC030AKA	HAC036AKA	HAC042AKA	HAC048AKA	HAC060AKA
Max. Cooling Capacity (Btuh)	18500	24600	30000	36600	42500	47500	60000
SEER Label	10	10	10	10	10	10	10
Sound Rating Decibels	71	72	75	75	75	77	77
Fan HP / Type / Speeds	1/8-PSC-1	1/8-PSC-1	1/5-PSC-1	1/5-PSC-1	1/5-PSC-1	1/3-PSC-1	1/3-PSC-1
Fan RPM / Max. CFM	1075 / 1400	1075 / 1400	1075 / 2000	1075 / 2000	1075 / 2000	1075 / 3000	1075 / 3000
Coil Face Area (Sq Ft)	10.73	10.73	10.73	11.63	15.20	17.76	18.94
Coil Rows / Fins Per Inch	1 / 20	1 / 20	1 / 20	1 / 20	1 / 20	1 / 20	1 / 20
Line Connection Suction I.D. Size (In.)	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Line Connection Liquid I.D. Size (In.)	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Supplied Optional Evaporator Orifice Size	.051	.057	.065	.073	.078	.079	.090
Factory Charge - R22 (Oz)	60	69	74	80	98	123	131
Weight Lbs. (Ship)	130	132	134	139	170	197	207

Electrical Specifications - 208 - 230 / 1 / 60, Voltage Range 197V - 253V

Minimum Circuit Ampacity	11.9	13.5	18.9	21.3	24.5	29.1	35.7
Wire Size/Max. Length (AWG Cu) Ft.	14 / 50	14 / 40	14 / 30	12 / 35	12 / 25	10 / 40	8 / 50
Time Delay Fuse (Amps)	15	20	25	30	30	35	45
Max. Fuse or HACR Breaker Size (Amps)	20	20	30	35	40	50	60
Compressor Full Run / Lock Rotor Amps	9.0 / 42	10.3 / 54	14.1 / 73	16.0 / 100	18.6 / 127	21.8 / 131	27.1 / 175
Fan Full Load / Lock Rotor Amps.	.66 / 1.55	.66 / 1.55	1.3 / 2.33	1.3 / 2.33	1.3 / 2.33	1.9 / 3.7	1.9 / 3.7

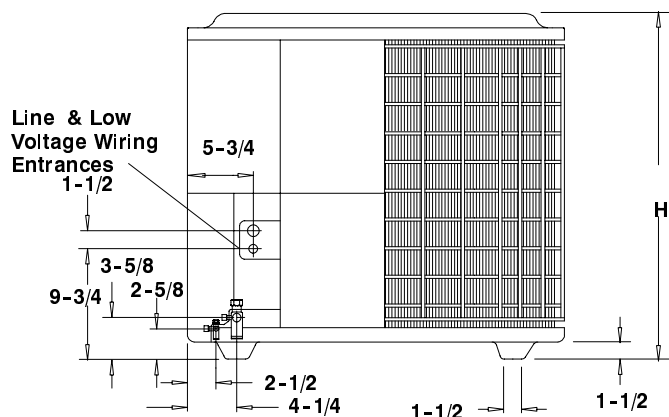
Dimensions		
Model	Chassis	Height (H)
018	1	26-5/8
024	1	26-5/8
030	1	26-5/8
036	1	28-5/8
042	1	36-5/8
048	2	32-5/8
060	2	34-5/8

ALL DIMENSIONS IN INCHES



Minimum Mounting Pad Sizes with pad starting at 9" from structure for minimum clearance of 6".

Chassis #1 20" W X 20" D
Chassis #2 24" W X 26" D



Accessory	Description	Used On
AMF153TKB	Expansion Valve Kit	1 1/2 - 3 Ton
AMF355TKB	Expansion Valve Kit	3 1/2 - 5 Ton
AMA001TDA	Indoor Blower Time Delay	All Models
24370800 *	Compressor Anti-short cycle 24 Volt 3 Min. Time Delay	All Models
1070822*	Compressor Anti-short cycle 24 Volt 5 Min. Time Delay	All Models
1148671 *	Low Ambient Kit (Fan Cycling Switch)	All Models
1053477 *	Compressor Crankcase Heater Solid State "Stick On" Type	All Models
1148113 *	Compressor Crankcase Heater "Wrap-around" Type	All Models
1060833*	Compressor Sound Jacket (Small Scroll)	1 1/2 - 3 Ton
1060834 *	Compressor Sound Jacket (Large Scroll)	3 1/2 - 5 Ton

* Order from Service Parts

PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	Cooling 95 F					CFM	Pin/TXV
		Btuh	SEER	S/T	EER	WATTS		
018AKA*	EX*24F*+VNK/N TVM050	18500	12.2	0.74	11.1	1667	600	TXV
	EX*24F****+VNK/N TVM075	18500	12.1	0.74	11	1682	600	TXV
	EAH5536**+TXV2+TD1	18500	11.5	0.74	10.4	1779	600	TXV
	EAH5536**+TXV2	18500	11.2	0.74	10.4	1779	600	TXV
	EAH5536**+TD1	18500	10.9	0.74	10.4	1779	600	0.051
	EAH5536**	18500	10.7	0.74	10.4	1779	600	0.051
	EX*24B****+TD1	18300	10.9	0.73	10.3	1777	600	TXV
	EX*24F****+TD1	18300	10.9	0.73	10.3	1777	600	TXV
	EX*24B****	18300	10.8	0.73	10.3	1777	600	TXV
	EX*24F****	18300	10.8	0.73	10.3	1777	600	TXV
	EP*30B****+TXV2+VNK/N TVM050	18200	12.1	0.76	10.9	1670	600	TXV
	EP*30B****+TXV2+VNK/N TVM075	18200	12	0.76	10.8	1685	600	TXV
	FCX24****	18200	10.7	0.73	10.2	1784	600	TXV
	EP*30B****+TXV2+TD1	18000	11.1	0.75	10.1	1782	600	TXV
	EP*30F****+TXV2+TD1	18000	11.1	0.75	10.1	1782	600	TXV
	EAH5524**+TXV2+TD1	18000	11	0.74	10.2	1765	600	TXV
	EP*24B****+TXV2+TD1	18000	11	0.75	10.1	1782	600	TXV
	EP*30B****+TXV2	18000	11	0.75	10.1	1782	600	TXV
	EP*30F****+TXV2	18000	11	0.75	10.1	1782	600	TXV
	EAH5524**+TXV2	18000	10.9	0.74	10.2	1765	600	TXV
	EP*24B****+TXV2	18000	10.9	0.75	10.1	1782	600	TXV
	EP*30B****+TD1	18000	10.8	0.75	10.1	1782	600	0.051
	EP*30F****+TD1	18000	10.8	0.75	10.1	1782	600	0.051
	EAH5524**+TD1	18000	10.7	0.74	10.2	1765	600	0.051
	EP*24B****+TD1	18000	10.7	0.75	10.1	1782	600	0.051
	EE*36B****	18000	10.6	0.75	10.1	1782	600	0.051
	EE*36F****	18000	10.6	0.75	10.1	1782	600	0.051
	EMH30F****	18000	10.6	0.74	10.1	1782	600	0.051
	EP*30B****	18000	10.6	0.75	10.1	1782	600	0.051
	EP*30F****	18000	10.6	0.75	10.1	1782	600	0.051
	EAH5524**	18000	10.5	0.74	10.2	1765	600	0.051
	EMH24F****	18000	10.5	0.74	10.1	1782	600	0.051
	EP*24B****	18000	10.5	0.75	10.1	1782	600	0.051
	EP*18B****+TXV2+TD1	17500	10.9	0.74	9.9	1768	600	TXV
	EP*18B****+TXV2	17500	10.8	0.74	9.9	1768	600	TXV
	FCP24****+HTXV3	17500	10.8	0.74	9.9	1768	600	TXV
	EP*18B****+TD1	17500	10.6	0.74	9.9	1768	600	0.051
	EE*24B****	17500	10.4	0.74	9.9	1768	600	0.051
	EP*18B****	17500	10.4	0.74	9.9	1768	600	0.051
	FCP24****	17500	10.4	0.74	9.7	1804	600	0.051
024AKA*	EX*36F*+VNK/N TVM100	24600	12	0.76	10.7	2299	800	TXV
	EX*36F****+VNK/N TVM125	24600	12	0.76	10.7	2299	800	TXV
	EP*36J****+HTXV+VNK/N TVM100	24200	11.8	0.76	10.5	2305	800	TXV
	EP*36J****+TXV3+VNK/N TVM125	24200	11.8	0.76	10.5	2305	800	TXV
	EX*24F****+VNK/N TVM100	24200	11.8	0.76	10.5	2305	800	TXV
	EX*24F****+VNK/N TVM050	24200	11.7	0.76	10.4	2327	800	TXV
	EX*24F****+VNK/N TVM075	24200	11.6	0.76	10.3	2350	800	TXV
	EX*24B****+TD1	24000	10.8	0.75	9.8	2449	800	TXV
	EX*24F****+TD1	24000	10.8	0.75	9.8	2449	800	TXV
	EAH5536**+TXV2+TD1	24000	10.7	0.75	10.2	2353	800	TXV
	EX*24B****	24000	10.7	0.75	9.8	2449	800	TXV
	EX*24F****	24000	10.7	0.75	9.8	2449	800	TXV
	EAH5536**+TXV2	24000	10.6	0.7	10.2	2353	800	TXV
	FCX24****	24000	10.6	0.75	9.8	2449	800	TXV
	EAH5524**+TXV2+TD1	24000	10.5	0.72	9.7	2474	800	TXV
	EAH5536**+TD1	24000	10.5	0.75	10.2	2353	800	0.057
	EAH5524**+TXV2	24000	10.4	0.72	9.7	2474	800	TXV
	EAH5524**+TD1	24000	10.2	0.72	9.7	2474	800	0.057
	EAH5536**	24000	10.2	0.75	10.2	2353	800	0.057
	EAH5524**	24000	10	0.72	9.7	2474	800	0.057
	EP*30F****+TXV2+VNK/N TVM100	23600	11.4	0.76	10.4	2269	800	TXV
	EP*30F****+TXV2+VNK/N TVM050	23600	11.25	0.76	10.3	2291	800	TXV
	EP*30F****+TXV2+VNK/N TVM075	23600	11.2	0.76	10.2	2314	800	TXV
	EP*30B****+TXV2+TD1	23400	10.6	0.75	9.7	2412	800	TXV
	EP*30F****+TXV2+TD1	23400	10.6	0.75	9.7	2412	800	TXV
	EP*24B****+TXV2+TD1	23400	10.5	0.74	9.7	2412	800	TXV
	EP*30B****+TXV2	23400	10.5	0.76	9.7	2412	800	TXV

Many matches require a pin change. Always check pin size to insure maximum performance. PIN=Refrigerant orifice PIN size. TD1=AMA001TDA Indoor Blower Time Delay Kit, required to make SEER indicated. All products using an electronic fan control satisfy TD1 requirements. TXV=Thermostatic Expansion Valve, TXV153 (AMF153) replaces HTXV1, 2 or 3 where listed in ratings, TXV335 (AMF335) Replaces HTXV4 or 5 where listed in ratings. EP* = EPA, EPD, EPM series of coils. EX* = EXA, EXD, EXM series of coils. EE* = EEA OR EED series of coils.

PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	Cooling 95 F					CFM	Pin/TXV
		Btuh	SEER	S/T	EER	WATTS		
024AKA*	EP*30F*+TXV2	23400	10.5	0.76	9.7	2412	800	TXV
	FCP24****+HTXV3	23400	10.5	0.74	9.7	2412	800	TXV
	EP*24B****+TXV2	23400	10.4	0.74	9.7	2412	800	TXV
	EP*30B****+TD1	23400	10.3	0.76	9.7	2412	800	0.057
	EP*30F****+TD1	23400	10.3	0.76	9.7	2412	800	0.057
	EP*24B****+TD1	23400	10.2	0.74	9.7	2412	800	0.057
	EE*36B****	23400	10.1	0.76	9.7	2412	800	0.057
	EE*36F****	23400	10.1	0.76	9.7	2412	800	0.057
	EMH30F****	23400	10.1	0.74	9.7	2412	800	0.057
	EP*30B****	23400	10.1	0.76	9.7	2412	800	0.057
	EP*30F****	23400	10.1	0.76	9.7	2412	800	0.057
	EE*30B****	23400	10	0.74	9.7	2412	800	0.057
	EMH24F****	23400	10	0.74	9.7	2412	800	0.057
	EP*24B****	23400	10	0.74	9.7	2412	800	0.057
	FCP24****	23400	10	0.74	9.5	2463	800	0.057
	EE*24B****+TD1	22600	10	0.73	9	2511	700	0.057
	EPP024****+TD1	22600	10	0.76	8.9	2539	800	0.057
030AKA*	EX*36F*+TD1	30000	11	0.74	9.7	3093	1000	TXV
	EX*36J****+TD1	30000	11	0.74	9.7	3093	1000	TXV
	EX*36F****	30000	10.9	0.74	9.7	3093	1000	TXV
	EX*36J****	30000	10.9	0.74	9.7	3093	1000	TXV
	FCX36****	30000	10.8	0.74	9.7	3093	1000	TXV
	EX*36J****+VNK/NTVM125	29400	11.7	0.75	10.2	2882	1000	TXV
	EX*36J****+VNK/NTVM100	29400	11.6	0.75	10.1	2911	1000	TXV
	EX*36F****+VNK/NTVM050	29400	11.5	0.75	10	2940	1000	TXV
	EX*36F****+VNK/NTVM075	29400	11.35	0.75	9.9	2970	1000	TXV
	EP*36J****+TXV3+VNK/NTVM125	29000	11.5	0.75	10	2900	1000	TXV
	EP*36J****+TXV3+VNK/NTVM100	29000	11.7	0.75	9.9	2929	1000	TXV
	EP*36J****+TXV3+VNK/NTVM050	29000	11.3	0.75	9.8	2959	1000	TXV
	EP*36J****+TXV3+VNK/NTVM075	29000	11.15	0.75	9.7	2990	1000	TXV
	EP*30F****+TXV3+VNK/NTVM050	28800	11.25	0.76	9.85	2924	1000	TXV
	EP*30F****+TXV3+VNK/NTVM075	28800	11.05	0.76	9.65	2984	1000	TXV
	EP*36B****+TXV3+TD1	28800	10.8	0.75	9.4	3064	1000	TXV
	EP*36F****+TXV3+TD1	28800	10.8	0.75	9.4	3064	1000	TXV
	EP*36J****+TXV3+TD1	28800	10.8	0.75	9.4	3064	1000	TXV
	EP*36B****+TXV3	28800	10.7	0.75	9.4	3064	1000	TXV
	EP*36F****+TXV3	28800	10.7	0.75	9.4	3064	1000	TXV
	EP*36J****+TXV3	28800	10.7	0.75	9.4	3064	1000	TXV
	EP*36B****+TD1	28800	10.5	0.75	9.4	3064	1000	0.065
	EP*36F****+TD1	28800	10.5	0.75	9.4	3064	1000	0.065
	EP*36J****+TD1	28800	10.5	0.75	9.4	3064	1000	0.065
	EMH36F****	28800	10.3	0.76	9.4	3064	1000	0.066
	EP*36B****	28800	10.3	0.75	9.4	3064	1000	0.065
	EP*36F****	28800	10.3	0.75	9.4	3064	1000	0.065
	EP*36J****	28800	10.3	0.75	9.4	3064	1000	0.065
	EP*30B****+TXV3+TD1	28600	10.7	0.76	9.4	3043	1000	TXV
	EP*30F****+TXV3+TD1	28600	10.7	0.76	9.4	3043	1000	TXV
	EP*30B****+TXV3	28600	10.6	0.76	9.4	3043	1000	TXV
	EP*30F****+TXV3	28600	10.6	0.76	9.4	3043	1000	TXV
	FCP30****+HTXV3	28600	10.6	0.76	9.4	3043	1000	TXV
	EP*30B****+TD1	28600	10.4	0.76	9.4	3043	1000	0.065
	EP*30F****+TD1	28600	10.4	0.76	9.4	3043	1000	0.065
	EE*36B****	28600	10.2	0.76	9.4	3043	1000	0.065
	EE*36F****	28600	10.2	0.76	9.4	3043	1000	0.065
	EMH30F****	28600	10.2	0.76	9.4	3043	1000	0.065
	EP*30B****	28600	10.2	0.76	9.4	3043	1000	0.065
	EP*30F****	28600	10.2	0.76	9.4	3043	1000	0.065
	FCP30****	28600	10.2	0.76	9.2	3109	1000	0.065
	EAH5536**+TXV3+TD1	28200	10.7	0.73	9.2	3065	1000	TXV
	EAH5536**+TXV3	28200	10.5	0.73	9.2	3065	1000	TXV
	EAH5536**+TD1	28200	10.3	0.73	9.2	3065	1000	0.065
	EAH5536**	28200	10.1	0.73	9.2	3065	1000	0.065
	EPP030****	28000	10	0.75	8.9	3146	1000	0.065
	EE*30B****	28000	10	0.72	9.2	3043	1000	0.065

Many matches require a pin change. Always check pin size to insure maximum performance. PIN=Refrigerant orifice PIN size. TD1=AMA001TDA Indoor Blower Time Delay Kit, required to make SEER indicated. All products using an electronic fan control satisfy TD1 requirements. TXV=Thermostatic Expansion Valve, TXV153 (AMF153) replaces HTXV1, 2 or 3 where listed in ratings. TXV335 (AMF335) Replaces HTXV4 or 5 where listed in ratings. EP* = EPA, EPD, EPM series of coils. EX* = EXA, EXD, EXM series of coils. EE* = EEA OR EED series of coils.

PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	Cooling 95 F					CFM	Pin/TXV
		Btuh	SEER	S/T	EER	WATTS		
036AKA*	EX*48N*+VNK/NTVM125	36600	12.1	0.74	10.5	3486	1200	TXV
	EP*48N****+TXV3+VNK/NTVM125	36400	12	0.74	10.4	3500	1200	TXV
	EX*36F****+VNK/NTVM125	36400	12	0.74	10.4	3500	1200	TXV
	EP*42J****+TXV3+VNK/NTVM125	36000	11.9	0.74	10.7	3364	1200	TXV
	EX*36F****+VNK/NTVM100	36000	11.7	0.75	10.2	3529	1200	TXV
	EP*42J****+TXV3+VNK/NTVM100	36000	11.6	0.74	10.5	3429	1200	TXV
	EX*36F****+VNK/NTVM050	36000	11.4	0.75	9.9	3636	1200	TXV
	EP*42J****+TXV3+VNK/NTVM050	36000	11.3	0.74	10.2	3529	1200	TXV
	EP*42F****+TXV3+TD1	36000	11	0.73	10.1	3564	1200	TXV
	EP*42J****+TXV3+TD1	36000	11	0.73	10.1	3564	1200	TXV
	EP*42F****+TXV3	36000	10.9	0.73	10.1	3564	1200	TXV
	EP*42J****+TXV3	36000	10.9	0.73	10.1	3564	1200	TXV
	EP*42F****+TD1	36000	10.7	0.73	10.1	3564	1200	0.073
	EP*42J****+TD1	36000	10.7	0.73	10.1	3564	1200	0.073
	EMH42F****	36000	10.5	0.72	10.1	3564	1200	0.073
	EP*42F****	36000	10.5	0.73	10.1	3564	1200	0.073
	EP*42J****	36000	10.5	0.73	10.1	3564	1200	0.073
	EP*36J****+TXV3+VNK/NTVM100	35200	11.1	0.76	9.5	3705	1200	TXV
	EP*36J****+TXV3+VNK/NTVM125	35200	11.1	0.76	9.5	3705	1200	TXV
	EP*36J****+TXV3+VNK/NTVM050	34800	11.1	0.76	9.1	3824	1200	TXV
	EP*36B****+TXV3+TD1	35200	10.5	0.75	9	3911	1200	TXV
	EP*36F****+TXV3+TD1	35200	10.5	0.75	9	3911	1200	TXV
	EP*36J****+TXV3+TD1	35200	10.5	0.75	9	3911	1200	TXV
	EP*36B****+TXV3	35200	10.4	0.75	9	3911	1200	TXV
	EP*36F****+TXV3	35200	10.4	0.75	9	3911	1200	TXV
	EP*36J****+TXV3	35200	10.4	0.75	9	3911	1200	TXV
	EP*36B****+TD1	35200	10.2	0.75	9	3911	1200	0.073
	EP*36F****+TD1	35200	10.2	0.75	9	3911	1200	0.073
	EP*36J****+TD1	35200	10.2	0.75	9	3911	1200	0.073
	EMH36F****	35200	10	0.79	9	3911	1200	0.073
	EP*36B****	35200	10	0.75	9	3911	1200	0.073
	EP*36F****	35200	10	0.75	9	3911	1200	0.073
	EP*36J****	35200	10	0.75	9	3911	1200	0.073
	EE*36B****+TD1	33600	10	0.75	8.9	3775	1200	0.073
	EE*36F****+TD1	33600	10	0.75	8.9	3775	1200	0.073
	EPP036****	33600	10	0.75	8.9	3775	1200	0.073
	EX*36F****+TD1	36000	11.1	0.74	9.8	3673	1200	TXV
	EX*36J****+TD1	36000	11.1	0.74	9.8	3673	1200	TXV
	EX*36F****	36000	11	0.74	9.8	3673	1200	TXV
	EX*36J****	36000	11	0.74	9.8	3673	1200	TXV
	FCX36****	36000	10.8	0.74	9.8	3673	1200	TXV
	FCP36****+HTXV3	35200	10.4	0.74	9	3911	1200	TXV
	FCP36****	35200	10	0.73	9	3911	1200	0.073
	EAH5536**+TXV3+TD1	34000	10.5	0.74	8.9	3820	1200	TXV
	EAH5536**+TXV	34000	10.3	0.74	8.9	3820	1200	TXV
	EAH5536**+TD1	34000	10.1	0.74	8.9	3820	1200	0.073
	EAH5536**	34000	10	0.74	8.9	3820	1200	0.073
042AKA*	EX*48N*+VNK/NTVM125	42500	11.6	0.72	10	4250	1400	TXV
	EP*48N****+TXV4+VNK/NTVM100	42500	11.5	0.74	9.9	4293	1400	TXV
	EP*48N****+TXV4+VNK/NTVM125	42500	11.5	0.74	9.9	4293	1400	TXV
	EAH5548**+TXV4+TD1	42500	11	0.74	9.5	4474	1400	TXV
	EP*48J****+TXV4+TD1	42500	11	0.73	9.5	4474	1400	TXV
	EP*48N****+TXV4+TD1	42500	11	0.73	9.5	4474	1400	TXV
	EAH5548**+TXV4	42500	10.9	0.74	9.5	4474	1400	TXV
	EP*48F****+TXV4+TD1	42500	10.9	0.73	9.4	4521	1400	TXV
	EP*48J****+TXV4	42500	10.9	0.73	9.5	4474	1400	TXV
	EP*48N****+TXV4	42500	10.9	0.73	9.5	4474	1400	TXV
	EP*48F****+TXV4	42500	10.8	0.73	9.4	4521	1400	TXV
	EAH5548**+TD1	42500	10.7	0.74	9.5	4474	1400	0.079
	EP*48J****+TD1	42500	10.7	0.73	9.5	4474	1400	0.079
	EP*48N****+TD1	42500	10.7	0.73	9.5	4474	1400	0.079
	EP*48F****+TD1	42500	10.6	0.73	9.4	4521	1400	0.079
	EAH5548**	42500	10.5	0.74	9.5	4474	1400	0.079
	EP*48J****	42500	10.5	0.73	9.5	4474	1400	0.079
	EP*48N****	42500	10.5	0.73	9.5	4474	1400	0.079
	EMH48F****	42500	10.4	0.76	9.4	4521	1400	0.079
	EP*48F****	42500	10.4	0.73	9.4	4521	1400	0.079

Many matches require a pin change. Always check pin size to insure maximum performance. PIN=Refrigerant orifice PIN size. TD1=AMA001TDA Indoor Blower Time Delay Kit, required to make SEER indicated. All products using an electronic fan control satisfy TD1 requirements. TXV=Thermostatic Expansion Valve, TXV153 (AMF153) replaces HTXV1, 2 or 3 where listed in ratings, TXV335 (AMF335) Replaces HTXV4 or 5 where listed in ratings. EP* = EPA, EPD, EPM series of coils. EX* = EXA, EXD, EXM series of coils. EE* = EEA OR EED series of coils.

PERFORMANCE DATA COOLING

Outdoor Model	Indoor Model	Cooling 95 F						
		Btu/h	SEER	S/T	EER	WATTS	CFM	Pin/TXV
042AKA*	EX*42J*+VNK/NTVM 125	42000	11.3	0.72	9.8	4286	1400	TXV
	EP*42J****+TXV4+VNK/NTVM 125	42000	11.2	0.72	9.8	4286	1225	TXV
	EX*42J****+VNK/NTVM 100	42000	10.9	0.72	9.5	4421	1400	TXV
	EP*42J****+TXV4+VNK/NTVM 100	42000	10.75	0.72	9.5	4421	1225	TXV
	EX*42J****+TD1	42000	10.6	0.71	9.4	4468	1400	TXV
	EP*42F****+TXV4+TD1	42000	10.5	0.71	9.4	4468	1225	TXV
	EP*42J****+TXV4+TD1	42000	10.5	0.71	9.4	4468	1225	TXV
	EX*42J****	42000	10.5	0.71	9.4	4468	1400	TXV
	FCX48****	42000	10.5	0.71	9.4	4468	1400	TXV
	EP*42F****+TXV4	42000	10.4	0.71	9.4	4468	1225	TXV
	EP*42J****+TXV4	42000	10.4	0.71	9.4	4468	1225	TXV
	FCP42****+HTXV4	42000	10.4	0.71	9.2	4565	1400	TXV
	EP*42F****+TD1	42000	10.2	0.71	9.4	4468	1225	0.078
	EP*42J****+TD1	42000	10.2	0.71	9.4	4468	1225	0.078
	EMH42F****	42000	10	0.74	9.4	4468	1225	0.078
	EP*42F****	42000	10	0.71	9.4	4468	1225	0.078
	EP*42J****	42000	10	0.71	9.4	4468	1225	0.078
	FCP42****	42000	10	0.71	9	4667	1400	0.078
	EE*42F****+TD1	39500	10	0.71	9	4389	1225	0.078
048AKA*	EP*60J*+TXV4+VNK/NTVM 125	47500	11.2	0.77	9.3	5108	1500	TXV
	EP*60J****+TXV4+VNK/NTVM 100	47500	11	0.77	9.85	4822	1500	TXV
	EP*60J****+TXV4	47500	10.9	0.76	9.3	5108	1500	TXV
	EP*60N****+TXV4	47500	10.9	0.76	9.3	5108	1500	TXV
	EP*60J****+TD1	47500	10.7	0.76	9.3	5108	1500	0.079
	EP*60N****+TD1	47500	10.7	0.76	9.3	5108	1500	0.079
	EP*60J****	47500	10.5	0.76	9.3	5108	1500	0.079
	EP*60N****	47500	10.5	0.76	9.3	5108	1500	0.079
	EX*48N****+VNK/NTVM 125	47000	11.4	0.73	9.8	4796	1600	TXV
	EP*48J****+TXV4+VNK/NTVM 125	47000	10.8	0.76	10.3	4563	1500	TXV
	EP*48J****+TXV4+VNK/NTVM 100	47000	10.7	0.76	9.3	5054	1500	TXV
	EP*48F****+TXV4+TD1	46000	10.5	0.75	9.3	4946	1200	TXV
	EP*48J****+TXV4+TD1	47000	10.5	0.75	9.3	5054	1500	TXV
	EP*48N****+TXV4+TD1	47000	10.5	0.75	9.3	5054	1500	TXV
	EP*48F****+TXV4	46000	10.4	0.75	9.3	4946	1200	TXV
	EP*48J****+TXV4	47000	10.4	0.75	9.3	5054	1500	TXV
	EP*48N****+TXV4	47000	10.4	0.75	9.3	5054	1500	TXV
	FCP48****+HTXV4	47000	10.4	0.75	9.3	5054	1600	TXV
	EP*48F****+TD1	46000	10.2	0.75	9.3	4946	1200	0.079
	EP*48J****+TD1	47000	10.2	0.75	9.3	5054	1500	0.079
	EP*48N****+TD1	47000	10.2	0.75	9.3	5054	1500	0.079
	EMH48F****	46000	10	0.73	9.3	4946	1200	0.079
	EP*48F****	46000	10	0.75	9.3	4946	1200	0.079
	EP*48J****	47000	10	0.75	9.3	5054	1500	0.079
	EP*48N****	47000	10	0.75	9.3	5054	1500	0.079
	EE*48F****+TD1	43000	10	0.74	8.9	4831	1225	0.079
	EAH5560**+TXV4+TD1	46500	11	0.74	9.4	4947	1600	TXV
	EAH5560**+TXV4	46500	10.9	0.74	9.4	4947	1600	TXV
	EAH5560**+TD1	46500	10.7	0.74	9.4	4947	1600	0.079
	EAH5560**	46500	10.5	0.74	9.4	4947	1600	0.079
	EX*48N****+TD1	47000	11.1	0.73	9.6	4896	1600	TXV
	EX*48N****	47000	11	0.73	9.6	4896	1600	TXV
	FCP48****	47000	10	0.76	9.1	5165	1600	0.079
	FCX48****	45500	11.8	0.73	9.3	4892	1600	TXV
	EAH5548**+TXV4+TD1	44500	11	0.74	9.2	4837	1600	0.079
	EAH5548**+TXV4	44500	10.8	0.74	9.2	4837	1600	0.079
	EAH5548**+TD1	44500	10.6	0.74	9.2	4837	1600	0.079
	EAH5548**	44500	10.4	0.74	9.2	4837	1600	0.079
060AKA*	EX*60N*+TD1	60000	10.6	0.69	9.4	6383	1800	TXV
	EX*60N****+TD1	60000	10.5	0.69	9.4	6383	1800	TXV
	EP*60J****+TXV5+TD1	58500	10.5	0.69	9.1	6429	1700	TXV
	EP*60N****+TXV5+TD1	58500	10.5	0.69	9.1	6429	1700	TXV
	EP*60J****+TXV5+TD1	58500	10.4	0.69	9.3	6290	1700	TXV
	EP*60N****+TXV5+TD1	58500	10.4	0.69	9.3	6290	1700	TXV
	FCP60****+HTXV5	58500	10.4	0.69	9.1	6429	1800	TXV
	EP*60J****+TD1	58500	10.2	0.69	9.3	6290	1700	0.092
	EP*60N****+TD1	58500	10.2	0.69	9.3	6290	1700	0.092
	EP*60J****	58500	10	0.69	9.3	6290	1700	0.092
	EP*60N****	58500	10	0.69	9.3	6290	1700	0.092
	EE*60J****+TD1	54500	10	0.7	9	6056	1600	0.092
	EAH5560**+TXV5+TD1	60000	11	0.7	9.1	6593	1800	TXV
	EAH5560**+TXV5	60000	10.6	0.7	9.1	6593	1800	TXV
	EAH5560**+TD1	60000	10.4	0.7	9.1	6593	1800	0.092
	EAH5560**	60000	10.2	0.7	9.1	6593	1800	0.092
	FCX60****	59000	10.1	0.69	9.2	6413	1800	TXV
	FCP60****	58000	10	0.69	9.1	6374	1800	0.092

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MODEL NUMBER IDENTIFICATION GUIDE

MODEL NUMBER PRODUCT FAMILY * = Brand	AC	0	24	A	K	A	SALES CODE
							ELECTRICAL
							K = 208/230-1-60
							H = 208/230-3-60
PRODUCT TYPE AC = Air Conditioning CA = Condenser A/C HP = Heat Pump CH = Condenser H/P							CONNECTIONS
							A = Sweat / Valve G = Sweat / Valve & Coil Guard
NOMINAL SEER RATING 0 = 10 2 = 12 4 = 14							NOMINAL CAPACITY MBTUH
							18 = 18,000 24 = 24,000 30 = 30,000 36 = 36,000
							42 = 42,000 48 = 48,000 60 = 60,000

EXTENDED REFRIGERANT LINE CORRECTION FACTORS

Varying Line Length in Feet (m) vs. Total Capacity Multiplier

25 (8)	50 (15)	75 (23)	100 (30)	125 (38)	150 (46)
1.00	.99	.98	.96	.94	.92

REFRIGERANT CHARGE DATA

All models are factory charged with R-22 for outdoor unit, 25' (8m) of refrigerant line and matching indoor section.
 Refrigerant charge correction per foot (305mm) of line:
 1/4" O.D. = .25 oz.; 5/16" O.D. = .45 oz.; 3/8" O.D. = .60 oz.;
 1/2" O.D. = 1.2 oz.

VOLTAGE CORRECTION FACTORS

Volts	Capacity	Watts
208	.98	.99

INDOOR AIRFLOW CORRECTION TABLE

% Rated Air	90	95	100	105	110
Total Cap. Mult.	.98	.99	1.00	1.01	1.03
Sens Cap. Mult.	.95	.98	1.00	1.03	1.05

INDOOR TEMPERATURE CORRECTION TABLE

(Based on 95°F Ambient)

Indoor D.B. °F (°C).	Correction Factor	Entering Indoor Wet Bulb °F (°C).							
		59 (15)	61 (16)	63 (17)	65 (18)	67 (19)	69 (20)	71 (21)	
70 (21)	Total Cap. Mult.	.90	.93	.96	.99	1.02	-	-	
	Sens Cap. Mult.	.86	.85	.82	.77	.70	-	-	
75 (24)	Total Cap. Mult.	.89	.92	.95	.98	1.01	1.04	-	
	Sens Cap. Mult.	1.04	1.03	1.00	.95	.88	.78	-	
80 (26)	Total Cap. Mult.	.88	.91	.94	.97	1.00	1.03	1.06	
	Sens Cap. Mult.	1.18	1.17	1.14	1.08	1.00	.89	.73	
85 (29)	Total Cap. Mult.	-	.90	.93	.96	.99	1.02	1.05	
	Sens Cap. Mult.	-	1.29	1.26	1.20	1.11	.98	.81	

Bold Type = approximately 50% Relative Humidity