

CONCORD[®]
Quality heating and cooling products

Split System Air Conditioner

14
SEER

4AC14L-3

Form No. R4AC14L-3-100 (11/2012)

Features and Benefits

- R410A Refrigerant
- Durable compressors with internal pressure relief valves and inherent thermal protection
- High-quality condenser coil with copper tubing and enhanced louvered fin for maximum heat transfer capacity
- Top discharge directs hot air and sound away from living area and shrubbery
- All units are factory run tested
- Available with louvered panel coil protection
- Easy access to electrical panels, pre-wired for easy hook-up to internal components
- 45-degree service valves for easy hook-up and service
- Liquid line filter drier shipped loose
- All units ETL and ETL approved and AHRI certified
- Charged for 15 feet of interconnecting tubing



WARRANTY

- 10 year limited warranty on compressor, 10 year limited warranty on all parts, extended warranty available*

*Warranty provides for a total of 10 years of limited warranty coverage (Standard 5-year limited parts warranty plus an additional 5-year limited extended parts warranty). Warranty must be registered online within 60 days of installation to qualify for 10-year coverage. Unregistered equipment defaults to 5-year coverage. Lifetime limited heat exchanger warranty applies to registered equipment only (Standard 20 years with no online registration). See full warranty at www.alliedair.com for terms, conditions and exclusions.

14 SEER Split System Air Conditioner

Model Number Guide

4	AC	14	L	36	P	-	3	A	
Refrigerant – 4 = R410A									Minor Revision Code
AC = Split Condensing Unit									Major Revision Code
14 - 14 SEER Nominal									Voltage P - 208-230v/60hz
L = Louvered									Nominal Capacity 36 - 36,000 Btuh

Electrical and Physical Data

Model	Voltage/ Hz/ Phase	Voltage Range	Min. Circuit Amp.	Maximum Over Current Device (amps)	Compressor		Fan Motor			Refrig. Charge (oz.) *	Weight (lbs.)
					Rated Load (Amps)	Locked Rotor (Amps)	Full Load Amps	Rated HP	Nom. RPM		Louvered
4AC14L18P-3	208-230/60/1	197-253	12.0	20	9.0	48	0.7	1/10	1075	91	138
4AC14L24P-4, 5	208-230/60/1	197-253	18.7	30	13.4	58	1.1	1/6	825	92	146
4AC14L30P-3	208-230/60/1	197-253	17.2	30	12.9	64	1.1	1/6	825	107	172
4AC14L36P-3	208-230/60/1	197-253	18.7	30	14.1	77	1.1	1/6	825	107	177
4AC14L41P-3	208-230/60/1	197-253	22.8	35	16.7	79	1.7	1/4	825	161	210
4AC14L42P-4	208-230/60/1	197-253	24.1	40	17.9	112	1.7	1/4	825	138	208
4AC14L47P-3	208-230/60/1	197-253	26.7	45	19.9	109	1.8	1/3	825	179	251
4AC14L48P-4, 5	208-230/60/1	197-253	27.9	45	19.8	109	1.7	1/4	825	174	220
4AC14L60P-3	208-230/60/1	197-253	34.8	60	26.4	134	1.8	1/3	825	192	253

Note:

Weights listed are unit weights with packaging

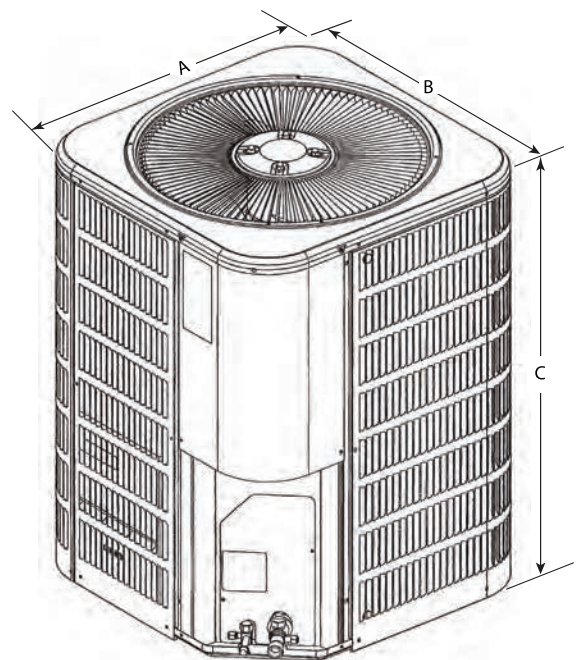
* Factory charged for 15 feet of line set. Adjust per Installation Instructions

Dimensions (in.) and Sound Ratings

Model	Dimensions			Sound Rating (dBA)
	A - width (in.)	B - depth (in.)	C - height (in.)	
4AC14L18P-3	24.25	24.25	28.50	76
4AC14L24P-4, 5	28.25	28.25	28.50	76
4AC14L30P-3	28.25	28.25	36.50	76
4AC14L36P-3	28.25	28.25	36.50	76
4AC14L41P-3	28.25	28.25	36.50	76
4AC14L42P-4	28.25	28.25	28.50	80
4AC14L47P-3	32.25	32.25	32.50	80
4AC14L48P-4, 5	28.25	28.25	32.50	80
4AC14L60P-3	32.25	32.25	32.50	80

Note:

Dimensions listed are unit sizes without packaging



Cooling Performance with Evaporator Coils

Outdoor Model	Indoor Model	SEER	EER	AHRI Rated Capacity¹ BTUH	Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil³						Outdoor		Indoor		Suction	Liquid	Piston²	TXV
							Suction	Liquid	Suction	Liquid				
4AC14L18P-3	E*1P23+TDR	14.00	12.00	18000	12600	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E*1P29+TDR	14.00	12.00	18000	12600	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
4AC14L24P-4, 5	E*1P23A,B+TDR	14.00	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24A+TDR	14.00	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29A,B+TDR	14.00	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30A,B,C+TDR	14.00	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36A,B,C+TDR	14.00	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
4AC14L30P-3	E*1P29+TDR	14.00	12.00	28000	21560	1000	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E*1P36+TDR	14.00	12.00	28000	21560	1000	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E*1P43+TDR	13.50	11.50	28000	21560	1000	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
4AC14L36P-3	E*1P36B,C+TDR	14.00	12.00	34000	24820	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E*1P43B,C+TDR	14.00	12.00	34000	24820	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E*1P48B,C+TDR	14.00	11.50	34000	24820	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E*1P49C+TDR	14.00	12.00	34000	24820	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
4AC14L41P-3	E*1P49C+TDR	14.00	12.00	38000	30020	1400	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E*1P62C+TDR	14.00	12.00	38000	30020	1400	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
4AC14L42P-4	E*1P49C+TDR	14.00	12.00	40000	30340	1400	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E*1P62C+TDR	14.00	11.50	41000	30340	1400	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
4AC14L47P-3	E*1P49C+TDR	14.00	12.00	47000	34780	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E*1P62C+TDR	14.00	13.00	47000	34780	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E*1P62D+TDR	14.00	12.00	47000	34780	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
4AC14L48P-4, 5	E*1P62C+TDR	14.00	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02
	E*1P62D+TDR	14.00	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02
	E*1P60D+TDR	14.00	12.00	45500	34500	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02
	E*1P49C+TDR	14.00	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02
4AC14L60P-3	E*1P62C+TDR	14.00	12.00	58000	41760	1800	1-1/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E*1P62D+TDR	13.50	11.50	57000	41040	1800	1-1/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02

14 SEER Split System Air Conditioner

Cooling Performance with Air Handlers and Furnaces 18

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device							
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV						
								Suction	Liquid	Suction	Liquid										
4AC14* 18P-3	BCS3M18C****P BCE3M18C****P		14.00	12.00	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	BCS2M18C****P		14.00	12.00	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	BCS2M24V****P		15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23A	80G1DF045AE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23A	80G2UH070AV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23A	80G1UH045AE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G1UH045BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G1UH070BE12	15.00	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G2DF045BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	80G1DF070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G2UH070BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G2UH045BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	80G1UH070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G2DF070BV16	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P23B	95G1DF045BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29A	80G1DF045AE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29A	80G2UH070AV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29A	80G1UH045AE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G2UH070BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G1DF045BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	80G1DF070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G2DF045BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G2UH045BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G1UH070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	80G1UH070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G1UH045BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P29B	95G2DF070BV16	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30A	80G1UH045AE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30A	80G1DF045AE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	95G2DF070BV16	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.

³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

Cooling Performance with Air Handlers and Furnaces 18, 24

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device							
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV						
								Suction	Liquid	Suction	Liquid										
4AC14* 18P-3	E*1P30B	95G2DF045BV12	16.00	13.00	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	80G1DF070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	80G1UH070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	95G2UH045BV12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	95G1UH070BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	95G2UH070BV12	16.00	13.00	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	95G1UH045BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
	E*1P30B	95G1DF045BE12	15.10	12.50	18000	14500	650	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01						
4AC14* 24P-4, 5	BCS3M24C****P BCE3M24C****P		14.0	12.0	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	BCS2M24C****P		14.0	12.0	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	BCS2M24V****P		16.0	13.0	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	EFV08BC	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23A	80G1UH045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23A	80G1DF045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	80G1UH070BE12	14.50	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23A	80G1DF070BE12	14.50	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23A	80G2UH070AV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	80G2UH090BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G1UH045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G1DF045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G2UH045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G2DF045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G2UH070BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P23B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P24B	EFV08BC	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P24A	80G1UH045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P24A	80G1DF045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						
	E*1P24B	80G1UH070BE12	14.50	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01						

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

14 SEER Split System Air Conditioner

Cooling Performance with Air Handlers and Furnaces 24

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 24P-4, 5	E*1P24B	80G1DF070BE12	14.50	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24A	80G2UH070AV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	80G2UH090BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G1UH045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G1DF045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G2UH045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G2DF045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G2UH070BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P24B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	EFV08BC	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29A	80G1UH045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29A	80G1DF045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	80G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	80G1DF070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29A	80G2UH070AV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	80G2UH090BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G1UH045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G1DF045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G2UH045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G2DF045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G2UH070BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P29B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	EFV08BC	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30A	80G1UH045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30A	80G1DF045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	80G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.

³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

Cooling Performance with Air Handlers and Furnaces 24, 30

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 24P-4, 5	E*1P30B	80G1DF070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30A	80G2UH070AV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	80G2UH090BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G1UH045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G1DF045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G2UH045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G2DF045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G2UH070BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P30B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	EFV08BC	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36A	80G1UH045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36A	80G1DF045AE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	80G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	80G1DF070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36A	80G2UH070AV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	80G2UH090BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G1UH045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G1DF045BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G1UH070BE12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G2UH045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G2DF045BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G2UH070BV12	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
	E*1P36B	95G2DF070BV16	15.10	12.00	23000	17000	850	3/4	3/8	3/4	3/8	3/4	3/8	0.057	A4TXV01
4AC14* 30P-3	BCS3M30C****P BCE3M30C****P		14.00	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	BCS2M30C****P		14.00	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	BCS2M36V****P		15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P29A	80G1UH045AE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

14 SEER Split System Air Conditioner

Cooling Performance with Air Handlers and Furnaces 30

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device				
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV			
								Suction	Liquid	Suction	Liquid							
4AC14* 30P-3	E*1P29A	80G2UH070AV12	14.50	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	80G1DF045AE12	15.00	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G2UH070BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G1DF045BE12	15.00	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G2UH045BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G1UH045BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G2DF045BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G1UH070BE12	15.00	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G1DF070BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	80G1DF070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	80G1UH090BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	80G1DF090BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	95G2DF070BV16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P29B	80G1UH070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36A	80G1UH045AE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36A	80G1DF045AE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36A	80G2UH070AV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	80G1DF090BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G1DF070BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G2DF070BV16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G1UH045BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G2DF045BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	80G1DF070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G2UH070BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G1UH070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G2UH045BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	80G1UH090BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	80G1UH070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	95G1DF045BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36B	80G2UH090BV16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			
	E*1P36C	95G2DF110CV20	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01			

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.

³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

Cooling Performance with Air Handlers and Furnaces 30, 36

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 30P-3	E*1P36C	95G1UH090CE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P36C	95G1DF090CE16	15.00	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P36C	95G2DF090CV20	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P36C	95G2UH090CV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G1UH045BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G2DF045BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	80G1DF070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G2UH070BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G1DF045BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G1UH070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G2DF070BV16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	80G1DF090BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G1DF070BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	80G2UH090BV16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	80G1UH070BE12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	80G1UH090BE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43B	95G2UH045BV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43C	95G2UH090CV12	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43C	95G1UH090CE16	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43C	95G2DF090CV20	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43C	95G1DF090CE16	14.50	12.00	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
	E*1P43C	95G2DF110CV20	15.10	12.50	28000	21500	1000	3/4	3/8	3/4	3/8	3/4	3/8	0.065	A4TXV01
4AC14* 36P-3	BCS3M36C****P BCE3M36C****P		14.00	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	BCS2M36C****P		14.00	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	BCS2M36V****P		15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36A	80G1DF045AE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36A	80G1UH045AE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	80G2UH090BV16	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	80G1DF070BE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	95G2UH045BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	80G1UH090BE16	15.00	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

14 SEER Split System Air Conditioner

Cooling Performance with Air Handlers and Furnaces 36

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 36P-3	E*1P36B	95G2UH070BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	80G1DF090BE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	95G1DF070BE16	15.00	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	80G1UH070BE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36B	95G2DF045BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	80G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	80G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	80G1UH090CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G2UH090CV12	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G2UH090CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G2DF090CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G2DF110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G2UH110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G1DF090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P36C	95G1UH090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	80G2UH090BV16	14.00	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	95G2UH045BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	95G1DF070BE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	95G2DF045BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	95G2UH070BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	80G1UH090BE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	80G1DF070BE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	80G1UH070BE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43B	80G1DF090BE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G2UH090CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G2DF090CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G2UH110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	80G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.

³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

Cooling Performance with Air Handlers and Furnaces 36

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 36P-3	E*1P43C	95G2UH090CV12	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G2DF110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G1UH090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	95G1DF090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	80G1UH090CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P43C	80G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G2DF110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	80G2UH110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G2DF090CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G2UH110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	80G1UH090CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	80G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	80G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G1DF090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G2UH090CV12	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G2UH090CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P49C	95G1UH090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	95G1DF070BE16	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	95G2DF045BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	95G2UH045BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	80G1DF090BE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	95G2UH070BV12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	80G1DF070BE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	80G1UH090BE16	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48B	80G1UH070BE12	14.50	12.00	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	80G1UH090CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	80G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G2UH090CV20	15.00	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

14 SEER Split System Air Conditioner

Cooling Performance with Air Handlers and Furnaces 36, 41

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 36P-3	E*1P48C	95G1DF110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G1UH090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G2UH090CV12	15.00	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G2UH110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G2DF090CV20	15.00	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	80G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G2DF110CV20	15.00	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G1DF090CE16	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	95G1UH110CE20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
	E*1P48C	80G2UH110CV20	15.10	12.50	34000	24800	1200	7/8	3/8	7/8	3/8	7/8	3/8	0.071	A4TXV01
4AC14* 41P-3	BCS3M42C****P BCE3M42C****P		14.00	12.00	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	BCS2M42C****P		15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	BCS2M42V****P		16.00	13.00	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G2UH090CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G1DF110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G2UH110CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	80G1UH090CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G1UH090CE16	16.00	13.00	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	80G1DF110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	80G1UH110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G1DF090CE16	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	80G2UH110CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G2DF110CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G2DF090CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	95G1UH110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P49C	EFV16CC	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G1UH090CE16	16.00	13.00	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G2DF090CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	80G1DF110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	80G2UH110CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G2DF110CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.

³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

Cooling Performance with Air Handlers and Furnaces 41, 42

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV
								Suction	Liquid	Suction	Liquid				
4AC14* 41P-3	E*1P62C	95G2UH090CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G2UH110CV20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	80G1UH110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	80G1UH090CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G1UH110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G1DF090CE16	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	95G1DF110CE20	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
	E*1P62C	EFV16CC	15.10	12.50	38000	30000	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.074	A4TXV02
4AC14* 42P-4	BCS3M42C****P BCE3M42****P		14.00	11.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	BCS2M42C****P		14.00	11.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	BCS2M42V****P		14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	80G1UH110CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	80G1DF110CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G1UH110CE20	15.00	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G2UH090CV20	14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G2DF110CV20	14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G1DF090CE16	15.00	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G1UH090CE16	15.10	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G2DF090CV20	14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	80G2UH110CV20	14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	80G1UH090CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G1DF110CE20	15.00	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P49C	95G2UH110CV20	15.00	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	80G1UH090CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	95G1DF110CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	95G2DF090CV20	14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	80G1UH110CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	95G1UH090CE16	15.10	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	80G2UH110CV20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	95G2UH090CV20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02
	E*1P62C	95G1DF090CE16	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

14 SEER Split System Air Conditioner

Cooling Performance with Air Handlers and Furnaces 42, 47

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device							
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV						
								Suction	Liquid	Suction	Liquid										
4AC14* 42P-4	E*1P62C	95G2DF110CV20	14.50	12.00	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02						
	E*1P62C	95G2UH110CV20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02						
	E*1P62C	80G1DF110CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02						
	E*1P62C	95G1UH110CE20	15.10	12.50	40000	30300	1400	7/8	3/8	7/8	3/8	7/8	3/8	0.076	A4TXV02						
4AC14* 47P-3	BCS3M48C****P BCE3M48C****P		14.00	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	BCS2M48C****P		14.00	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	BCS2M48V****P		16.00	13.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	95G2UH090CV20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	80G1DF110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	95G2DF110CV20	14.50	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	95G2DF090CV20	14.50	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	95G2UH110CV20	15.00	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	80G1UH090CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	80G2UH110CV20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	95G1DF110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	95G1UH110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P49C	80G1UH110CE20	15.00	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	80G1UH110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	80G1DF110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	95G2UH110CV20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	95G2UH090CV20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	80G1UH090CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	95G2DF110CV20	14.50	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	95G1DF110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	95G1UH110CE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	95G2DF090CV20	14.50	12.00	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	80G2UH110CV20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62C	EFV16CC	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62D	80G1UH135DE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62D	95G1UH135DE20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						
	E*1P62D	95G2UH135DV20	15.10	12.50	47000	34800	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.080	A4TXV02						

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240

² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.

³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

Cooling Performance with Air Handlers and Furnaces 48, 60

Outdoor Model	Indoor Model	Variable Speed Furnace	SEER	EER	Rated ARI Capacity ¹ BTUH	Rated Sensible Capacity BTUH	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device							
	Evaporator Coil or Air Handler ³							Outdoor		Indoor		Suction	Liquid	Piston ²	TXV						
								Suction	Liquid	Suction	Liquid										
4AC14* 48P-4, 5	BCS3M48C****P BCE3M48C****P		14.00	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	BCS2M48C****P		14.00	12.00	46000	35000	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	BCS2M48V****P		15.00	12.50	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	E*1P62C	80G2UH110CV20	14.50	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	E*1P49C	80G2UH110CV20	14.50	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	E*1P60D	80G1UH135DE20	14.50	12.00	46000	35000	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	E*1P60D	95G2UH135DV20	14.50	12.00	46000	35000	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	E*1P62D	80G1UH135DE20	14.50	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
	E*1P62D	95G2UH135DV20	14.50	12.00	46500	35300	1600	7/8	3/8	7/8	3/8	7/8	3/8	0.083	A4TXV02						
4AC14* 60P-3	BCS3M60C****P BCE3M60C****P		14.00	12.00	58000	41000	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	0.093	A4TXV02						
	BCS2M60C****P		14.00	12.00	58000	41800	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	0.093	A4TXV02						
	BCS2M60V****P		14.50	12.50	58000	41800	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	0.093	A4TXV02						
	E*1P49C	80G2UH110CV20	14.00	12.00	58000	41800	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	0.093	A4TXV02						
	E*1P62D	95G2UH135DV20	14.00	12.00	57000	41000	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	0.093	A4TXV02						
	E*1P62D	80G1UH135DE20	14.00	12.00	57000	41000	1800	1 1/8	3/8	7/8	3/8	1 1/8	3/8	0.093	A4TXV02						

Note:

¹ Certified in accordance with Unitary Air Conditioner Certification Program, which is based on AHRI Standard 210/240² Required to achieve AHRI rating. If NA (Not Applicable) is in the piston column, then TXV is required.³ A blower time delay relay is required to achieve AHRI rating. This feature is standard on all Allied Air Enterprises furnace and AH products.

14 SEER Split System Air Conditioner

Cooling Performance with Extended Ratings

Outdoor Model	Indoor Model Piston or Field Installed TXV	Indoor Temp DB/WB °F	Outdoor Temp - DB°F														
			65			82			95			105			115		
			Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW	Btuh	S/T	kW
4AC14L18P-3	E*1P23	85/72	20,500	0.65	1.44	19,700	0.69	1.59	19,100	0.72	1.71	17,900	0.74	1.13	16,700	0.75	1.42
		80/67	19,300	0.67	1.39	18,600	0.71	1.74	18,000	0.74	1.65	16,400	0.85	1.39	14,800	0.95	1.30
		75/63	17,900	0.72	1.35	17,200	0.76	1.49	16,700	0.79	1.59	15,600	0.81	1.05	14,600	0.83	1.28
		75/57	17,300	0.81	1.32	16,700	0.85	1.46	16,200	0.88	1.56	15,200	0.91	1.03	14,300	0.93	1.26
4AC14L24P-4, 5	E*1P29	85/72	29,300	0.61	1.59	28,620	0.63	1.88	28,100	0.64	2.10	26,450	0.67	2.32	24,800	0.70	2.53
		80/67	27,600	0.68	1.58	26,127	0.71	1.87	25,000	0.74	2.10	23,400	0.77	2.31	21,800	0.80	2.52
		75/63	26,200	0.72	1.58	24,557	0.75	1.87	23,300	0.77	2.10	21,550	0.80	2.30	19,800	0.82	2.50
		75/57	23,800	1.00	1.54	22,383	1.00	1.80	21,300	1.00	2.00	19,550	1.00	2.23	17,800	1.00	2.46
4AC14L30P-3	E*1P29	85/72	32,000	0.68	2.05	30,800	0.72	2.27	29,800	0.75	2.43	28,100	0.77	2.51	26,200	0.78	2.51
		80/67	30,200	0.70	1.98	29,000	0.74	2.03	28,000	0.77	2.34	26,400	0.79	2.42	24,700	0.81	2.42
		75/63	27,900	0.75	1.91	26,900	0.79	2.10	26,000	0.82	2.25	24,500	0.84	2.33	22,900	0.86	2.32
		75/57	27,200	0.84	1.88	26,200	0.89	2.07	25,300	0.92	2.21	23,800	0.94	2.29	22,200	0.96	2.29
4AC14L36P-3	E*1P36B	85/72	38,900	0.65	2.54	37,300	0.68	2.81	36,100	0.71	3.02	33,900	0.73	3.13	31,800	0.74	3.14
		80/67	36,500	0.67	2.45	35,100	0.70	2.71	34,000	0.73	2.91	31,900	0.75	3.01	29,900	0.76	3.01
		75/63	33,800	0.71	2.36	32,500	0.75	2.61	31,500	0.78	2.80	29,600	0.80	2.90	27,700	0.82	2.90
		75/57	32,900	0.79	2.32	31,600	0.84	2.56	30,600	0.87	2.75	28,700	0.89	2.84	26,900	0.91	2.84
4AC14L41P-3	E*1P49C	85/72	46,000	0.75	1.71	43,733	0.77	2.02	42,000	0.79	2.26	39,700	0.82	2.59	37,400	0.84	2.91
		80/67	45,000	0.76	1.70	42,167	0.79	2.01	40,000	0.81	2.25	37,800	0.84	2.58	35,600	0.87	2.90
		75/63	42,500	0.77	1.69	40,233	0.80	2.00	38,500	0.83	2.24	36,650	0.86	2.57	34,800	0.89	2.89
		75/57	40,000	0.79	1.68	38,017	0.82	1.99	36,500	0.84	2.23	35,000	0.88	2.50	33,500	0.91	2.77
4AC14L42P-4	E*1P49C	85/72	46,900	0.65	3.13	45,000	0.69	3.12	43,600	0.72	3.10	40,900	0.74	3.54	38,400	0.75	3.81
		80/67	44,100	0.67	3.02	42,400	0.71	3.29	41,000	0.74	3.49	38,500	0.76	3.66	36,100	0.77	3.66
		75/63	40,900	0.72	2.92	39,300	0.76	3.22	38,100	0.79	3.45	35,700	0.81	3.57	33,400	0.83	3.52
		75/57	39,700	0.81	2.87	38,200	0.85	3.16	37,000	0.88	3.39	34,700	0.91	3.50	32,500	0.93	3.45
4AC14L47P-3	E*1P62C	85/72	54,000	0.81	2.10	52,583	0.79	2.56	51,500	0.77	2.91	48,750	0.72	3.33	46,000	0.66	3.75
		80/67	53,000	0.82	2.00	50,733	0.80	2.51	49,000	0.79	2.90	46,500	0.81	3.33	44,000	0.83	3.75
		75/63	50,500	0.83	1.99	48,233	0.82	2.50	46,500	0.81	2.89	44,250	0.87	3.30	42,000	0.92	3.71
		75/57	47,000	0.85	1.98	44,733	0.84	2.49	43,000	0.83	2.88	41,500	0.90	3.29	40,000	0.97	3.70
4AC14L48P-4, 5	E*1P62C	85/72	56,600	0.63	2.99	54,107	0.66	3.49	52,200	0.68	3.88	49,050	0.70	4.29	45,900	0.72	4.70
		80/67	53,100	0.70	2.97	50,607	0.73	3.47	48,700	0.75	3.85	44,500	0.79	4.26	40,300	0.83	4.66
		75/63	50,600	0.72	2.94	46,633	0.76	3.44	43,600	0.79	3.82	39,500	0.84	4.24	35,400	0.88	4.66
		75/57	46,000	1.00	2.92	42,373	1.00	3.43	39,600	1.00	3.82	35,950	1.00	4.24	32,300	1.00	4.65
4AC14L60P-3	E*1P62C	85/72	66,300	0.64	4.41	63,600	0.67	4.89	61,600	0.70	5.27	57,900	0.72	5.46	54,200	0.73	5.42
		80/67	62,400	0.66	4.25	59,900	0.71	4.69	58,000	0.74	5.03	54,600	0.75	5.24	51,100	0.75	5.23
		75/63	57,800	0.70	4.03	55,500	0.74	4.50	53,700	0.77	4.87	50,600	0.79	5.06	47,300	0.81	5.04
		75/57	56,200	0.78	4.02	53,900	0.83	4.45	52,200	0.86	4.78	49,100	0.88	4.96	46,000	0.90	4.94

Note: Extended data shown is actual for models listed and typical for all AHRI matches.

Accessories

Description	Where Used	Catalog #
Crankcase Heater	18, 24, 30, 36	93M04
	41, 42, 47, 48, 60	93M05
Hard Start Kit	18	10J42
	24, 30, 36, 41, 42, 47, 48, 60	88M91
Compressor Low Ambient Kit	All Models	45F08
Sound Blanket	All Models	69J03
Short Cycle Protector	All Models	47J27
Freezestat	3/8 tubing	93G35
	5/8 tubing	50A93
Time Delay Relay	All Models	58M81
Loss of Charge Kit	All Models	84M23

14 SEER Split System Air Conditioner

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