

## 4AC16LT

Form No. D4AC16LT-100 (06/2012)

### Features and Benefits

#### COMPRESSOR

- High-efficiency 2 stage Copeland UltraTech™ scroll compressor
- R410a refrigerant
- Grommet-mounted compressor for quiet operation
- Internally protected against high temperature motor overload conditions
- Heavy-duty compressor sound blanket for quiet operation

#### CABINET

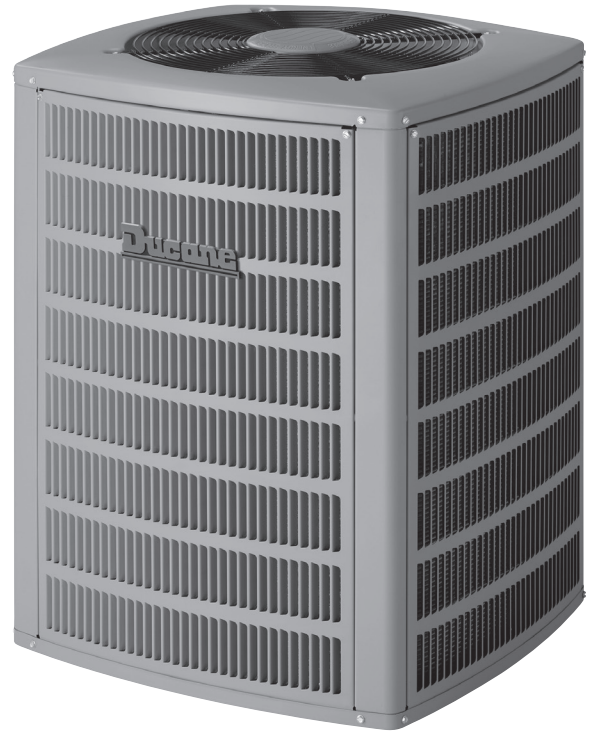
- Full metal louvered panels remove for easy coil cleaning and service
- Controls located in corner post for easy installation and service
- Rounded corners for safety and attractive, clean appearance
- Baked polyester paint finish over galvanized steel for maximum durability
- PVC-coated wire fan discharge grille
- External gauge ports for easy service

#### COILS

- Enhanced aluminum fins and copper tubing for higher efficiency and capacity
- Raised coil prevents debris from collecting in bottom of coil and causing loss of airflow

#### DESIGN

- Designed for ambients up to 125°F



#### COMPONENTS

- Service valves positioned for quick installation and easy service
- High and low pressure switches factory installed
- Comfort Alert 2™ diagnostics is factory installed
- Trade available components
- Factory installed crank case heater
- Charged for 15 ft. of line set

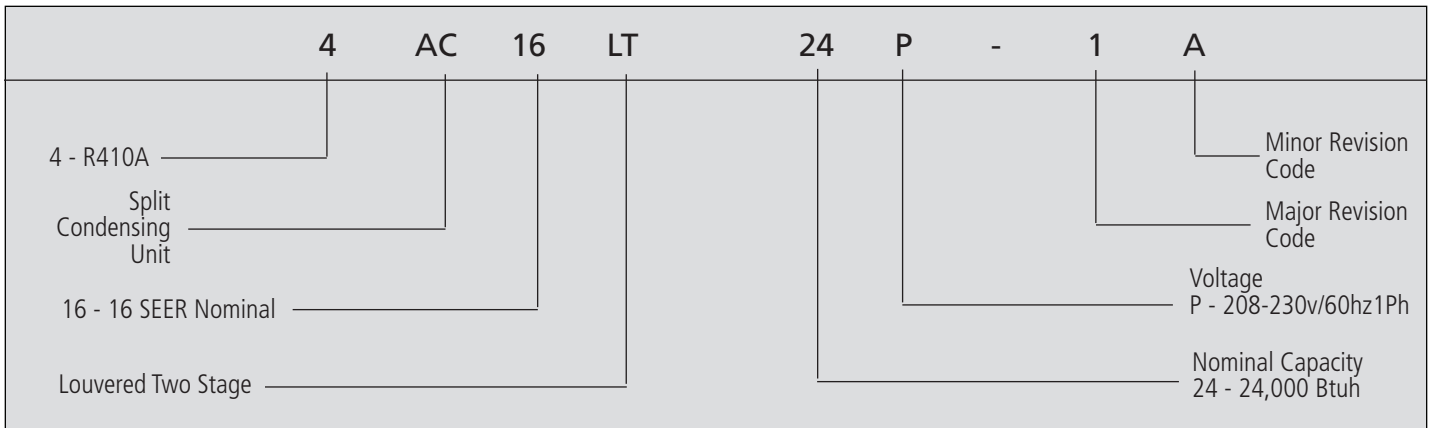
#### WARRANTY

- 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](http://www.alliedair.com) for terms, conditions and exclusions.

# 16 SEER Split System Air Conditioner

## Model Number Guide



## Physical and Electrical

Model	Voltage/Hz/Phase	Voltage Range	Min. Circuit Amp.	Max. Over current Device (amps)	Compressor		Fan Motor			Refrig. Charge (oz.)	Weight (lbs.)
					Rated Load (amps)	Locked Rotor (amps)	Rated Load (amps)	Rated HP	Nom. RPM		
4AC16LT24P-1	230/60/1	197 - 253	13.9	20	11.4	52.0	1.1	1/5	1075	117	200
4AC16LT36P-1	230/60/1	197 - 253	21.9	35	19.0	82.0	1.1	1/6	825	137	230
4AC16LT48P-1	230/60/1	197 - 253	28.1	45	24.0	96.0	1.1	1/6	825	180	262
4AC16LT60P-1	230/60/1	197 - 253	33.8	55	26.0	118.0	1.7	1/4	825	214	310

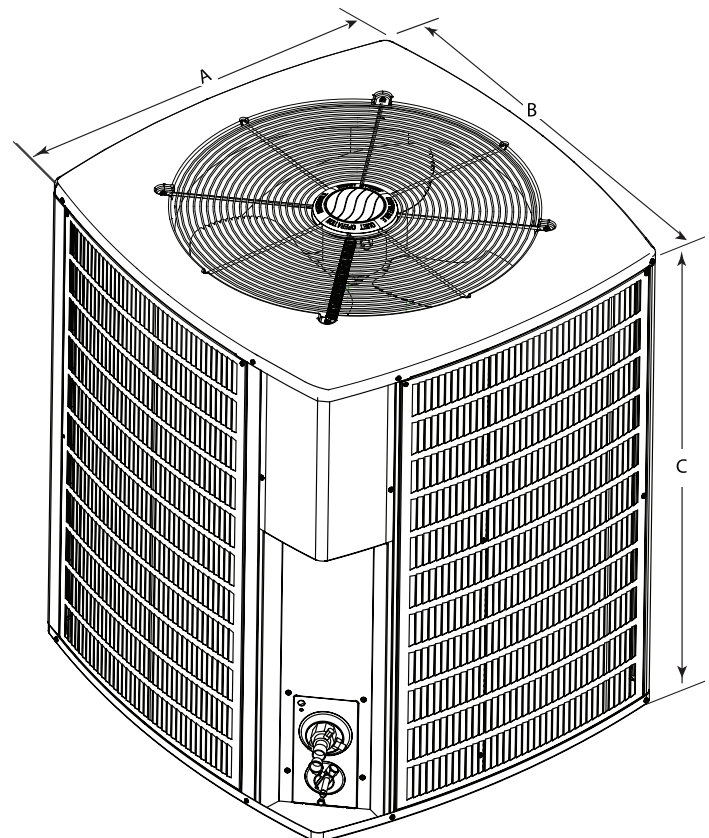
Note: For applications below 230V, use of a Hard Start Kit is recommended.

## Sound Ratings

Model No.	Sound Rating dBA
4AC16LT24P-1	74
4AC16LT36P-1	74
4AC16LT48P-1	76
4AC16LT60P-1	76

## Dimensions (in.)

Model No.	A	B	C
4AC16LT24P-1	26-3/4	24-3/4	29-3/4
4AC16LT36P-1	31-1/4	29-3/8	29-3/4
4AC16LT48P-1	31-1/4	29-3/8	37-3/4
4AC16LT160P-1	31-1/4	29-3/8	43-3/4



### Cooling Performance with Evaporator Coils

Outdoor Model	Indoor Model	SEER	EER	AHRI Rated Capacity <sup>1</sup> BTUH	Sensible Rated Capacity	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler <sup>3</sup>						Outdoor		Indoor		Suction	Liquid	Piston <sup>2</sup>	TXV
							Suction	Liquid	Suction	Liquid				
4AC16LT24P-1*	E(U,C,M,H)1P36A,B,C	14.00	11.50	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
4AC16LT36P-1*	E(U,C,M,H)1P36A,B,C	14.00	11.00	34,400	25,800	1200	3/4	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B,C	14.00	11.00	35,000	26,300	1200	3/4	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
4AC16LT48P-1*	E(U,C)1P62C	14.00	11.00	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C)1P62D	14.00	11.00	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	EH1P62C,D	14.00	11.00	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
4AC16LT60P-1*	E(U,C)1P62C	14.00	11.00	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02

\* All matches must be with variable speed air systems - The furnace must be able to provide first and second stage air flows, (or only run at high speed)

Note:

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

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

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

# 16 SEER Split System Air Conditioner

## Cooling Performance with Air Handlers and Furnaces 24

Outdoor Model	Indoor Model		SEER	EER	AHRI Rated Capacity <sup>1</sup> BTUH	Sensible Rated Capacity	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler <sup>3</sup>	Vairable Speed Furnace						Outdoor		Indoor		Suction	Liquid	Piston <sup>2</sup>	TXV
								Suction	Liquid	Suction	Liquid				
4AC16LT 24P-1	BCS2M24V00NA1P		15.5	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	BCS2M36V00NA1P		15.5	12.5	24,000	18,000	800	3/4	3/8	7/8	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	EFV08BC	15.5	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,M,H)1P29B	EFV08BC	15.5	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29A	80G1DF045AE12	15.0	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36A	80G1DF045AE12	15.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	80G1DF070BE12	14.5	11.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G1DF070BE12	14.5	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29A	80G1UH045AE12	15.5	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36A	80G1UH045AE12	15.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	80G1UH070BE12	15.0	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G1UH070BE12	14.5	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29A	80G2UH070AV12*	16.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36A	80G2UH070AV12*	15.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G2UH090BV16*	15.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,M,H)1P29B	80G2UH090BV16*	16.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	95G1DF045BE12	15.0	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G1DF045BE12	15.0	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	95G2DF045BV12	16.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2DF045BV12	15.5	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	95G1UH045BE12	15.0	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G1UH045BE12	15.0	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	95G1UH070BE12	14.5	11.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G1UH070BE12	14.5	12.0	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	95G2UH045BV12	16.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2UH045BV12	15.5	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P29B	95G2UH070BV12	16.0	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2UH070BV12	15.5	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01
E(U,C,M,H)1P36C	95G2UH090CV12	15.5	12.5	24,000	18,000	800	3/4	3/8	3/4	3/8	3/4	3/8	NA	A4TXV01	

**Note:**

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

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

<sup>3</sup> 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		SEER	EER	AHRI Rated Capacity <sup>1</sup> BTUH	Sensible Rated Capacity	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler <sup>3</sup>	Variable Speed Furnace						Outdoor		Indoor		Suction	Liquid	Piston <sup>2</sup>	TXV
								Suction	Liquid	Suction	Liquid				
4AC16LT36P-1	BCS2M36V00NA1P		16.0	12.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	EFV12BC	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	EFV12BC	16.0	11.5	35,000	26,200	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36A	80G1DF045AE12	15.5	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G1DF070BE12	16.0	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	80G1DF070BE12	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G1DF090BE16	15.5	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	80G1DF090BE16	15.5	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36A	80G1UH045AE12	16.0	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G1UH070BE12	15.5	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	80G1UH070BE12	15.5	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G1UH090BE16	15.5	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	80G1UH090BE16	15.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36A	80G2UH070AV12*	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	80G2UH090BV16*	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	80G2UH090BV16*	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43C	80G2UH110CV20*	16.0	12.0	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G1DF070BE16	16.0	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	95G1DF070BE16	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36C	95G1DF090CE16	15.5	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43C	95G1DF090CE16	15.5	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2DF045BV12	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	95G2DF045BV12	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2DF070BV16	15.0	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	95G2DF070BV16	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36C	95G2DF090CV20	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43C	95G2DF090CV20	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36C	95G2DF110CV20	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
E(U,C,M,H)1P43C	95G2DF110CV20	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01	

Note:

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

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

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

# 16 SEER Split System Air Conditioner

## Cooling Performance with Air Handlers and Furnaces 36, 48

Outdoor Model	Indoor Model		SEER	EER	AHRI Rated Capacity <sup>1</sup> BTUH	Sensible Rated Capacity	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler <sup>3</sup>	Vairable Speed Furnace						Outdoor		Indoor		Suction	Liquid	Piston <sup>2</sup>	TXV
								Suction	Liquid	Suction	Liquid				
4AC16LT36P-1	E(U,C,M,H)1P36B	95G1UH070BE12	16.0	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	95G1UH070BE12	16.0	11.0	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36C	95G1UH090CE16	15.5	12.0	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43C	95G1UH090CE16	15.5	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2UH045BV12	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	95G2UH045BV12	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36B	95G2UH070BV12	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43B	95G2UH070BV12	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36C	95G2UH090CV12	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43C	95G2UH090CV12	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P36C	95G2UH090CV20	15.5	11.5	34,400	25,800	1200	7/8	3/8	3/4	3/8	7/8	3/8	NA	A4TXV01
	E(U,C,M,H)1P43C	95G2UH090CV20	16.0	11.5	34,400	25,800	1200	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV01
4AC16LT48P-1	BCS2M48V00NA1P		15.5	12.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	EFV16CC	15.0	11.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C)1P62D	EFV20DC	14.5	11.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G1DF110CE20	15.0	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G1UH090CE20	15.0	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G1UH110CE20	15.0	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G2UH110CV20*	15.0	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C)1P62D	80G2UH135DV20*	15.0	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2DF090CV20	15.0	11.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2DF110CV20	15.0	11.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G1UH110CE20	14.5	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2UH090CV20	15.0	11.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2UH110CV20	15.0	11.0	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02
	E(U,C,H)1P62D	95G2UH135DV20	15.0	11.5	46,500	34,900	1600	7/8	3/8	7/8	3/8	7/8	3/8	NA	A4TXV02

**Note:**

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

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

<sup>3</sup> 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 60

Outdoor Model	Indoor Model		SEER	EER	AHRI Rated Capacity <sup>1</sup> BTUH	Sensible Rated Capacity	CFM	Refrigerant Connection				Refrigerant Line Size		Indoor Expansion Device	
	Evaporator Coil or Air Handler <sup>3</sup>	Variable Speed Furnace						Outdoor		Indoor		Suction	Liquid	Piston <sup>2</sup>	TXV
								Suction	Liquid	Suction	Liquid				
4AC16LT60P-1	BCS2M60V00NA1P		14.5	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C)1P60D	EFV20DC	14.6	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C)1P62D	EFV20DC	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G1DF110CE20	15.0	11.5	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G1UH090CE20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G1UH110CE20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	80G2UH110CV20*	14.5	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C)1P62D	80G2UH135DV20*	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G1DF110CE20	14.5	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2DF090CV20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2DF110CV20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G1UH110CE20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2UH090CV20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
	E(U,C,H)1P62C	95G2UH110CV20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02
E(U,C,H)1P62D	95G2UH135DV20	15.0	11.0	57,000	42,800	1800	7/8	3/8	7/8	3/8	1 1/8	3/8	NA	A4TXV02	

Note:

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

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

<sup>3</sup> 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 Extended Ratings

Outdoor Model	Indoor Model	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
4AC16LT24P-1	E(U,C,M,H)1P36B/EFV08B	85/72	27,000	.67	1.43	26,500	.68	1.70	25,000	.72	1.93	23,600	.73	2.38	22,200	.76	2.59
		80/67	26,000	.70	1.40	25,500	.71	1.67	24,000	.75	1.90	22,600	.76	2.35	21,200	.79	2.56
		75/63	25,000	.73	1.37	24,500	.74	1.64	23,000	.78	1.87	21,600	.79	2.32	20,200	.82	2.53
4AC16LT36P-1	E(U,C,M,H)1P43B/EFV12B	85/72	40,200	.66	1.76	38,200	.68	2.31	36,400	.69	2.98	35,000	.71	3.28	33,000	.74	3.69
		80/67	39,200	.69	1.73	37,200	.71	2.28	35,400	.72	2.95	34,000	.74	3.25	32,000	.77	3.66
		75/63	38,200	.72	1.70	36,200	.74	2.25	34,400	.75	2.92	33,000	.77	3.22	31,000	.80	3.63
4AC16LT48P-1	E(U,C,M,H)1P62C/EFV16C	85/72	55,400	.68	2.93	52,000	.71	3.43	49,500	.72	3.89	48,000	.73	4.23	45,800	.75	5.53
		80/67	53,400	.71	2.90	50,000	.74	3.40	47,500	.75	3.86	46,000	.76	4.20	43,800	.78	5.50
		75/63	51,400	.74	2.87	48,000	.77	3.37	45,500	.78	3.83	44,000	.79	4.17	41,800	.81	5.47
4AC16LT60P-1	E(U,C,M,H)1P62D/EFV20D	85/72	61,000	.64	3.82	60,000	.65	4.49	59,000	.68	5.11	55,000	.69	5.66	52,000	.72	6.30
		80/67	59,000	.67	3.79	58,000	.68	4.46	57,000	.71	5.08	53,000	.72	5.63	50,000	.75	6.27
		75/63	57,000	.70	3.76	56,000	.71	4.43	55,000	.74	5.05	51,000	.75	5.60	48,000	.78	6.24

\* All ratings are with required indoor variable speed matches.

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



## Accessories

Kit Number	Description	Used with
45F08	Compressor Low Ambient Cut-off	All 4AC16LT's
93G35	Freezestats (3/8")	All 4AC16LT's
39H29	Freezestats (1/2")	All 4AC16LT's
50A93	Freezestats (5/8")	All 4AC16LT's
47J27	Time Off Control	All 4AC16LT's
93M06	Crank Case Heater	All 4AC16LT's
63W22	Hard Start Kit 2 - 3 ton	4AC16LT24
63W23		4AC16LT36
10J42	Hard Start Kit 4 - 5 ton	4AC16LT48
63W24		4AC16LT60
34M72	Low Ambient	All 4AC16LT's
85W66	Relay Kit - Constant Torque	All Constant Torque Furnaces

All specifications and illustrations subject to change without notice and without incurring obligations.

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Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov