

CONCORD®

Quality heating and cooling products

Split System Heat Pump

13 SEER

4HP13-7

Form No. R4HP13-7-100 (11/2012)

Features and Benefits

- R410A Refrigerant
- 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 run tested
- Available with louvered panel or wire guard coil protection option
- Easy access to electrical panels, pre-wired for easy hook-up
- Bi-directional liquid line filter drier factory installed
- Discharge muffler for quiet operation
- Reliable, solid state time/temperature defrost control, with field selectable 30/60/90 minute intervals
- Defrost control is Quiet Shift™ capable
- Low pressure switch factory installed for loss of charge protection
- Integrated control with LED diagnostics
- Short cycle protection factory installed
- Charged for 15 feet of interconnecting tubing



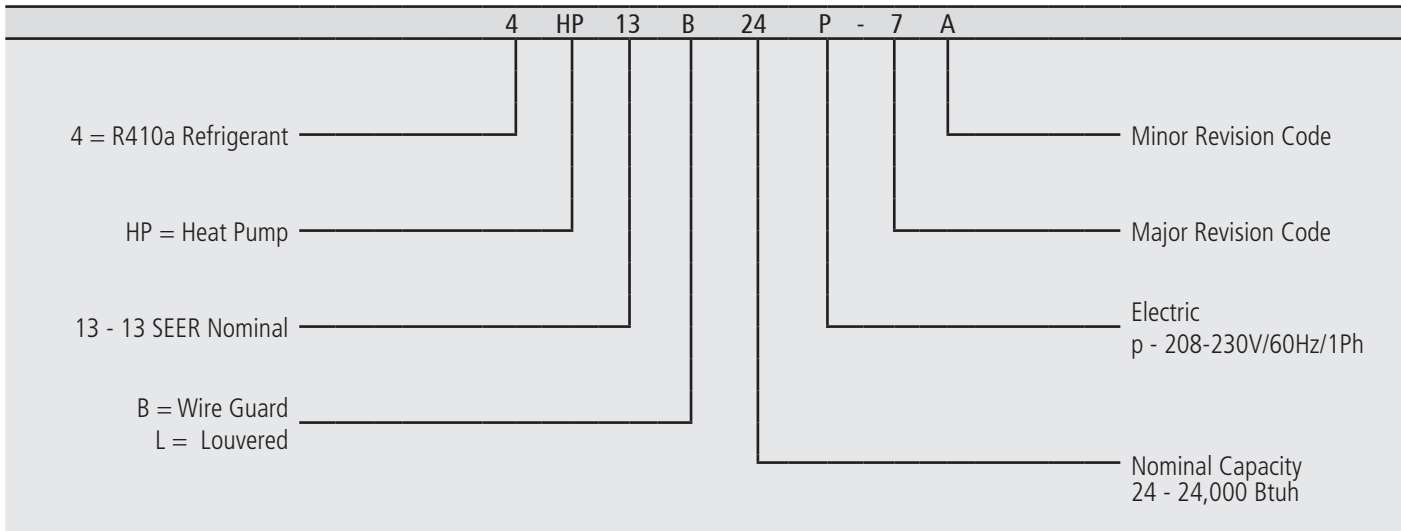
WARRANTY

- 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.

13 SEER Split System Heat Pump

Model Number Guide



Physical and Electrical Data

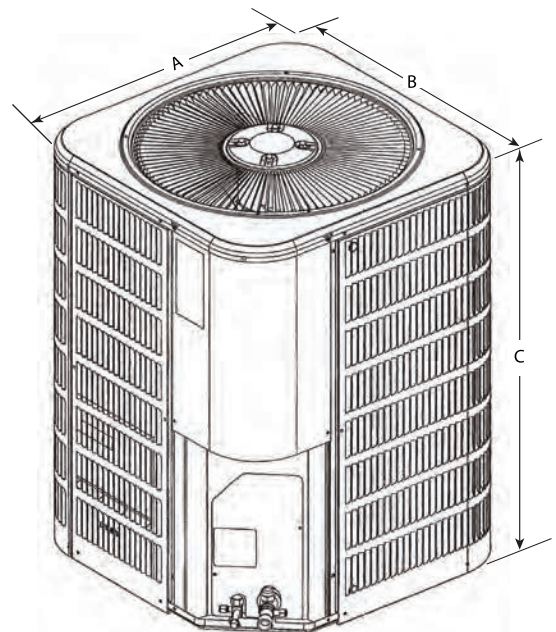
| Model | Volts/Hz/Phase | Voltage Range | Min. Circuit Amp. | Max. Over-current Device (amps) | Compressor | | Fan Motor | | | Refrig. Charge (oz.) | Weight (lbs.) | |
|-------------|----------------|---------------|-------------------|---------------------------------|-------------------|---------------------|-------------------|----------|----------|----------------------|---------------|----------|
| | | | | | Rated Load (amps) | Locked Rotor (amps) | Rated Load (amps) | Rated HP | Nom. RPM | | Wire Guard | Louvered |
| 4HP13*18P-7 | 208-230/60/1 | 197-253 | 11.9 | 20 | 9.0 | 48 | 0.7 | 1/10 | 1075 | 106 | 142 | 153 |
| 4HP13*24P-7 | 208-230/60/1 | 197-253 | 14.2 | 20 | 10.7 | 53 | 0.8 | 1/10 | 1075 | 101 | 147 | 158 |
| 4HP13*30P-7 | 208-230/60/1 | 197-253 | 16.3 | 25 | 12.4 | 59 | 0.7 | 1/6 | 825 | 108 | 156 | 168 |
| 4HP13*36P-7 | 208-230/60/1 | 197-253 | 19.9 | 35 | 15.2 | 70 | 0.9 | 1/6 | 825 | 114 | 172 | 187 |
| 4HP13*42P-7 | 208-230/60/1 | 197-253 | 27.8 | 45 | 21.1 | 90 | 1.4 | 1/4 | 825 | 134 | 207 | 224 |
| 4HP13*48P-7 | 208-230/60/1 | 197-253 | 31.7 | 50 | 24.1 | 100 | 1.5 | 1/4 | 825 | 198 | 223 | 236 |
| 4HP13*60P-7 | 208-230/60/1 | 197-253 | 36.3 | 60 | 27.6 | 120 | 1.7 | 1/3 | 825 | 210 | 227 | 252 |

* = B or L B = Wire Guard L = Louvered Note: Weights listed are unit weights with packaging
 + Factory charged for 15 feet of line set. Adjust per installation instructions.

Unit Dimensions & Sound Ratings

| Model | Dimensions | | | Sound Ratings (dBa) |
|-------------|---------------|---------------|----------------|---------------------|
| | A-Width (in.) | B-Depth (in.) | C-Height (in.) | |
| 4HP13*18P-7 | 24.25 | 24.25 | 33.00 | 76 |
| 4HP13*24P-7 | 24.25 | 24.25 | 33.00 | 76 |
| 4HP13*30P-7 | 28.25 | 28.25 | 29.00 | 76 |
| 4HP13*36P-7 | 28.25 | 28.25 | 37.00 | 76 |
| 4HP13*42P-7 | 28.25 | 28.25 | 43.00 | 80 |
| 4HP13*48P-7 | 28.25 | 28.25 | 33.00 | 80 |
| 4HP13*60P-7 | 28.25 | 28.25 | 37.00 | 80 |

* = B or L B = Wire Guard L = Louvered Note:
 Dimensions listed are unit sizes without packaging.



Cooling Performance with Evaporator Coils

| Outdoor Model | Indoor Model | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | |
|-----------------|---------------------|---------|-------|--------------------------------------|------------------------|---------|-------|------|-------|------|------------------------|---------|--------|---------|-------------------|--------|-------------------------|-----|---------|
| | | SEER | EER | ARI Rated Capacity ¹ BTUH | Sensible Capacity BTUH | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | |
| | | | | | | | Btuh | COP | Btuh | | COP | Suction | Liquid | Suction | | | | | Liquid |
| | | | | | | | | | | | | | | | | | | | |
| 4HP13* 18P-7 | E(C,H,M,U)1P18(A,B) | 13.00 | 11.00 | 18,000 | 12780 | 7.70 | 17000 | 3.20 | 10000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 |
| | E(C,H,M,U)1P24(A,B) | 13.00 | 11.00 | 18,000 | 12780 | 7.70 | 17000 | 3.20 | 10000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 |
| 4HP13* 24P-7 | E(C,H,M,U)1P23(A,B) | 13.00 | 11.00 | 23,000 | 16790 | 7.70 | 21600 | 3.30 | 13000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 57 | H4TXV01 |
| | E(C,H,M,U)1P24(A,B) | 13.00 | 11.00 | 23,000 | 16790 | 7.70 | 21600 | 3.30 | 13000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 57 | H4TXV01 |
| 4HP13* 30P-7 | E(C,H,M,U)1P29(A,B) | 13.00 | 11.00 | 29,000 | 21460 | 7.70 | 27000 | 3.40 | 17000 | 2.20 | 1000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 62 | H4TXV01 |
| | E(C,H,M,U)1P30(B,C) | 13.00 | 11.00 | 29,000 | 21460 | 7.70 | 27000 | 3.40 | 17000 | 2.20 | 1000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 62 | H4TXV01 |
| 4HP13* 36P-7 | E(C,H,M,U)1P30(B,C) | 13.00 | 11.00 | 35,000 | 25200 | 7.70 | 33800 | 3.40 | 18000 | 2.20 | 1275 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 71 | H4TXV01 |
| | E(C,H,M,U)1P36(B,C) | 13.00 | 11.00 | 35,000 | 25200 | 7.70 | 33800 | 3.40 | 18000 | 2.20 | 1275 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | 71 | H4TXV01 |
| 4HP13* 42P-7 | E(C,H,M,U)1P36(B,C) | 13.00 | 11.00 | 41,000 | 29520 | 7.70 | 40000 | 3.50 | 25000 | 2.20 | 1400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | 76 | H4TXV02 |
| | E(C,H,M,U)1P43(B,C) | 13.00 | 11.00 | 41,000 | 29520 | 7.70 | 40000 | 3.50 | 25000 | 2.20 | 1400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | 76 | H4TXV02 |
| 4HP13* 48P-7 | E(C,H,M,U)1P50(B,C) | 13.00 | 11.00 | 48,000 | 34560 | 7.70 | 45000 | 3.20 | 28000 | 2.40 | 1600 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | 80 | H4TXV02 |
| 4HP13* 60P-7 | E(C,H,M,U)1P49(B,C) | 13.00 | 11.00 | 58,000 | 41180 | 7.70 | 55000 | 3.30 | 34000 | 2.30 | 1850 | 7/8 | 3/8 | 7/8 | 3/8 | 1-1/8 | 3/8 | NA | H4TXV02 |
| | E(C,H,M,U)1P62C | 13.00 | 11.00 | 58,000 | 41180 | 7.70 | 55000 | 3.30 | 34000 | 2.30 | 1850 | 7/8 | 3/8 | 7/8 | 3/8 | 1-1/8 | 3/8 | NA | H4TXV02 |
| | E(C,H,M,U)1P62D | 13.00 | 11.00 | 58,000 | 41180 | 7.70 | 55000 | 3.30 | 34000 | 2.30 | 1850 | 7/8 | 3/8 | 7/8 | 3/8 | 1-1/8 | 3/8 | NA | H4TXV02 |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

13 SEER Split System Heat Pump

Cooling Performance with Air Handlers and Furnaces 18

| Outdoor Model | Indoor Model | | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | | |
|---------------|---|----------------|---------|------|---------------------------------|-------------------|---------|--------|-----|---------|------|------------------------|---------|--------|-----|-------------------|--------|-------------------------|-----|---------|--|
| | | | SEER | EER | ARI Rated Capacity ¹ | Sensible Capacity | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | | |
| | Btuh | COP | | | | | | Btuh | COP | Suction | | Liquid | Suction | Liquid | | | | | | | |
| | Evaporator Coil or Air Handler ₃ | Furnaces | | | | | | | | | | | | | | | | | | | |
| 4HP13*18P-7 | BCS2M18C****P | | 13.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | BCS2M24C****P | | 13.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | BCS2M24V****P | | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | BCS3M18C****P | | 13.0 | 11.0 | 17,600 | 12,500 | 7.7 | 16,600 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | BCE3M18C****P | | | | | | | | | | | | | | | | | | | | |
| | E(C,H,M,U)1P18A | 80G1DF045AE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24A | 80G1DF045AE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 80G1DF070BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 80G1DF070BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18A | 80G1UH045AE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24A | 80G1UH045AE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 80G1UH070BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 80G1UH070BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18A | 80G2UH070AV12* | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24A | 80G2UH070AV12* | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 80G2UH090BV16* | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 80G2UH090BV16* | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 95G1DF045BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G1DF045BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 95G1UH045BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G1UH045BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 95G1UH070BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G1UH070BE12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 95G2DF045BV12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G2DF045BV12 | 13.5 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 95G2DF070BV16 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G2DF070BV16 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G2UH045BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P18B | 95G2UH070BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |
| | E(C,H,M,U)1P24B | 95G2UH070BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 | |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

Cooling Performance with Air Handlers and Furnaces 18, 24

| Outdoor Model | Indoor Model | | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | |
|-----------------|---|----------------|---------|--------|---------------------------------|-------------------|---------|--------|--------|--------|------|------------------------|---------|--------|---------|-------------------|--------|-------------------------|---------|---------|
| | Evaporator Coil or Air Handler ₃ | Furnaces | SEER | EER | ARI Rated Capacity ¹ | Sensible Capacity | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | |
| | | | | | | | | Btuh | COP | Btuh | | COP | Suction | Liquid | Suction | | | | | Liquid |
| | | | | | | | | | | | | | | | | | | | | |
| 4HP13*18P-7 | E(C,H,M,U)1P18B | 95G2UH045BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G2UH045BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 |
| | E(C,H,M,U)1P18B | 95G2UH070BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G2UH070BV12 | 14.0 | 11.0 | 18,000 | 12,780 | 7.7 | 17,000 | 3.2 | 10,000 | 2.00 | 650 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | NA | H4TXV01 |
| 4HP13*24P-7 | BCS2M24C****P | | 13.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | BCS2M24V****P | | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | BCS3M24C****P BCE3M24C****P | | 13.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,400 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 7/8 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23A | 80G1DF045AE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24A | 80G1DF045AE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 80G1DF070BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 80G1DF070BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23A | 80G1UH045AE12 | 13.5 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24A | 80G1UH045AE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 80G1UH070BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 80G1UH070BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23A | 80G2UH070AV12* | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,400 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24A | 80G2UH070AV12* | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 80G2UH090BV16* | 13.5 | 11.0 | 23,000 | 16,790 | 7.7 | 21,400 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 80G2UH090BV16* | 13.5 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 95G1DF045BE12 | 13.5 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G1DF045BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 95G1UH045BE12 | 13.5 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G1UH045BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 95G1UH070BE12 | 13.5 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G1UH070BE12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 95G2DF045BV12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G2DF045BV12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 95G2DF070BV16 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| E(C,H,M,U)1P24B | 95G2DF070BV16 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 | |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

Cooling Performance with Air Handlers and Furnaces 24, 30

| Outdoor Model | Indoor Model | | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | |
|---------------|---|----------------|---------|------|---------------------------------|-------------------|---------|--------|-----|--------|------|------------------------|---------|--------|---------|-------------------|--------|-------------------------|------|---------|
| | Evaporator Coil or Air Handler ₃ | Furnaces | SEER | EER | ARI Rated Capacity ¹ | Sensible Capacity | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | |
| | | | | | | | | Btuh | COP | Btuh | | COP | Suction | Liquid | Suction | | | | | Liquid |
| 4HP13*24P-7 | E(C,H,M,U)1P23B | 95G2UH045BV12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G2UH045BV12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P23B | 95G2UH070BV12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| | E(C,H,M,U)1P24B | 95G2UH070BV12 | 14.0 | 11.0 | 23,000 | 16,790 | 7.7 | 21,600 | 3.3 | 13,000 | 2.20 | 850 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .057 | H4TXV01 |
| 4HP13*30P-7 | BCS2M30C****P | | 13.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | BCS2M36C****P | | 13.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | BCS2M36V****P | | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | BCS3M30C****P BCE3M30C****P | | 13.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 7/8 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29A | 80G1DF045AE12 | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 80G1DF070BE12 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 26,800 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 80G1DF090BE16 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 26,800 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29A | 80G1UH045AE12 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 80G1UH070BE12 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 26,800 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 80G1UH090BE16 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 26,800 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29A | 80G2UH070AV12* | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 80G2UH090BV16* | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G1DF045BE12 | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G1DF070BE16 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G1UH045BE12 | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G1UH070BE12 | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G2DF045BV12 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G2DF070BV16 | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G2UH045BV12 | 13.5 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 17,000 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |
| | E(C,H,M,U)1P29B | 95G2UH070BV12 | 14.0 | 11.0 | 29,000 | 21,460 | 7.7 | 27,000 | 3.4 | 16,800 | 2.20 | 1,000 | 3/4 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .062 | H4TXV01 |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

Cooling Performance with Air Handlers and Furnaces 36

| Outdoor Model | Indoor Model | | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | |
|---------------|---|-----------------|---------|------|---------------------------------|-------------------|---------|--------|-----|--------|------|------------------------|---------|--------|---------|-------------------|--------|-------------------------|------|---------|
| | Evaporator Coil or Air Handler ₃ | Furnaces | SEER | EER | ARI Rated Capacity ¹ | Sensible Capacity | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | |
| | | | | | | | | Btuh | COP | Btuh | | COP | Suction | Liquid | Suction | | | | | Liquid |
| | | | | | | | | | | | | | | | | | | | | |
| 4HP13*36P-7 | BCS2M36C****P | | 13.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 7/8 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | BCS2M36V****P | | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 7/8 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | BCS3M36C****P BCE3M36C****P | | 13.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,200 | 3.4 | 18,000 | 2.20 | 1,270 | 7/8 | 3/8 | 7/8 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30A | 80G1DF045AE12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36A | 80G1DF045AE12 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 80G1DF070BE12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 80G1DF070BE12 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 80G1DF090BE16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 80G1DF090BE16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 80G1DF110CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 80G1DF110CE20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 80G1UH070BE12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 80G1UH070BE12 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 80G1UH090BE16 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 80G1UH090BE16 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 80G1UH090CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 80G1UH090CE20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 80G1UH110CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 80G1UH110CE20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 80G2UH0110CV20* | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 80G2UH090BV16* | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 80G2UH090BV16* | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 80G2UH110CV20* | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 95G1DF070BE16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G1DF090CE16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G1DF090CE16 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G1DF110CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G1DF110CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G1UH090CE16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

Cooling Performance with Air Handlers and Furnaces 36, 42

| Outdoor Model | Indoor Model | | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | |
|-----------------|---|---------------|---------|--------|---------------------------------|-------------------|---------|--------|--------|--------|-------|------------------------|---------|--------|---------|-------------------|--------|-------------------------|---------|---------|
| | Evaporator Coil or Air Handler ₃ | Furnaces | SEER | EER | ARI Rated Capacity ¹ | Sensible Capacity | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | |
| | | | | | | | | Btuh | COP | Btuh | | COP | Suction | Liquid | Suction | | | | | Liquid |
| 4HP13*36P-7 | E(C,H,M,U)1P36C | 95G1UH090CE16 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G1UH110CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G1UH110CE20 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 95G2DF045BV12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 95G2DF045BV12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 95G2DF070BV16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 95G2DF070BV16 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G2DF090CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2DF090CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G2DF110CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2DF110CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 95G2UH045BV12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 95G2UH045BV12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30B | 95G2UH070BV12 | 13.5 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36B | 95G2UH070BV12 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G2UH090CV12 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2UH090CV12 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P30C | 95G2UH090CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2UH090CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 |
| E(C,H,M,U)1P30C | 95G2UH110CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 32,800 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 | |
| E(C,H,M,U)1P36C | 95G2UH110CV20 | 14.0 | 11.0 | 35,000 | 25,200 | 7.7 | 33,000 | 3.4 | 18,000 | 2.20 | 1,275 | 7/8 | 3/8 | 3/4 | 3/8 | 3/4 | 3/8 | .071 | H4TXV02 | |
| 4HP13*42P-7 | BCS2M42C****P | | 13.0 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.5 | 25,000 | 2.20 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | BCS2M42V****P | | 13.0 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.5 | 25,000 | 2.20 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | BCS2M48C****P | | 13.0 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.5 | 25,000 | 2.20 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | BCS3M42C****P BCE3M42C****P | | 13.0 | 11.0 | 41,000 | 29,520 | 7.7 | 39,000 | 3.5 | 25,000 | 2.20 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 80G1DF110CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36B | 80G1UH090BE16 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P43B | 80G1UH090BE16 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 39,500 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

Cooling Performance with Air Handlers and Furnaces 42, 48, 60

| Outdoor Model | Indoor Model | | Cooling | | | | Heating | | | | CFM | Refrigerant Connection | | | | Refrig. Line Size | | Indoor Expansion Device | | |
|---------------|---|---------------|---------|------|---------------------------------|-------------------|---------|--------|-----|---------|------|------------------------|---------|--------|-----|-------------------|--------|-------------------------|------|---------|
| | | | SEER | EER | ARI Rated Capacity ¹ | Sensible Capacity | HSPF | 47 | | 17 | | Outdoor | | Indoor | | Suction | Liquid | Piston ² | TXV | |
| | Btuh | COP | | | | | | Btuh | COP | Suction | | Liquid | Suction | Liquid | | | | | | |
| | Evaporator Coil or Air Handler ₃ | Furnaces | | | | | | | | | | | | | | | | | | |
| 4HP13*42P-7 | E(C,H,M,U)1P36C | 80G1UH090CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 80G1UH110CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G1DF110CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P43C | 95G1DF110CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 39,500 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G1UH110CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P43C | 95G1UH110CE20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 39,500 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2DF090CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2DF110CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P43C | 95G2DF110CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 39,500 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2UH090CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P43C | 95G2UH090CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 39,500 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P36C | 95G2UH110CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 40,000 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 3/4 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| | E(C,H,M,U)1P43C | 95G2UH110CV20 | 13.5 | 11.0 | 41,000 | 29,520 | 7.7 | 39,500 | 3.4 | 25,000 | 2.30 | 1,400 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .076 | H4TXV02 |
| 4HP13*48P-7 | BCS2M48C****P | | 13.0 | 11.0 | 48,000 | 34,560 | 7.7 | 45,000 | 3.2 | 28,000 | 2.40 | 1,600 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .080 | H4TXV02 |
| | BCS2M48V****P | | 14.0 | 11.0 | 48,000 | 34,560 | 7.7 | 45,000 | 3.2 | 28,000 | 2.40 | 1,600 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .080 | H4TXV02 |
| | BCS3M48C****P BCE3M48C****P | | 13.0 | 11.0 | 48,000 | 34,560 | 7.7 | 44,500 | 3.2 | 28,000 | 2.40 | 1,600 | 7/8 | 3/8 | 7/8 | 3/8 | 7/8 | 3/8 | .080 | H4TXV02 |
| 4HP13*60P-7 | BCS2M60C****P | | 13.0 | 11.0 | 58,000 | 41,180 | 7.7 | 54,000 | 3.3 | 34,000 | 2.30 | 1,850 | 7/8 | 3/8 | 7/8 | 3/8 | 1 1/8 | 3/8 | NA | H4TXV02 |
| | BCS2M60V****P | | 13.0 | 11.0 | 58,000 | 41,180 | 7.7 | 54,000 | 3.3 | 34,000 | 2.30 | 1,850 | 7/8 | 3/8 | 7/8 | 3/8 | 1 1/8 | 3/8 | NA | H4TXV02 |
| | BCS3M60C****P BCE3M60C****P | | 13.0 | 11.0 | 57,000 | 40,500 | 7.7 | 55,000 | 3.3 | 34,000 | 2.30 | 1,850 | 7/8 | 3/8 | 7/8 | 3/8 | 1 1/8 | 3/8 | NA | H4TXV02 |

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 standard on all Allied Air Enterprises furnaces and AH products.

* = B or L B = Wire Guard
L = Louvered

13 SEER Split System Heat Pump

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 |
| 4HP13*18P-7 | BCS*M18C****P | 85/72 | 22,900 | 0.62 | 1.23 | 21,200 | 0.64 | 1.46 | 19,900 | 0.65 | 1.64 | 18,700 | 0.67 | 1.85 | 17,400 | 0.68 | 2.10 |
| | | 80/67 | 20,800 | 0.69 | 1.23 | 19,200 | 0.70 | 1.48 | 18,000 | 0.71 | 1.67 | 16,600 | 0.74 | 1.62 | 15,100 | 0.77 | 2.10 |
| | | 75/63 | 18,800 | 0.72 | 1.23 | 17,300 | 0.74 | 1.47 | 16,100 | 0.75 | 1.65 | 15,100 | 0.78 | 1.87 | 14,000 | 0.80 | 2.08 |
| | | 75/57 | 16,600 | 1.00 | 1.22 | 15,400 | 1.00 | 1.46 | 14,400 | 1.00 | 1.65 | 13,500 | 1.00 | 1.86 | 12,600 | 1.00 | 2.08 |
| 4HP13*24P-7 | BCS*M24C****P | 85/72 | 26,300 | 0.58 | 1.56 | 25,900 | 0.62 | 1.86 | 25,600 | 0.65 | 2.08 | 24,000 | 0.68 | 2.32 | 22,500 | 0.71 | 2.55 |
| | | 80/67 | 25,600 | 0.66 | 1.56 | 24,100 | 0.70 | 1.86 | 23,000 | 0.73 | 2.08 | 21,400 | 0.74 | 2.31 | 19,900 | 0.75 | 2.53 |
| | | 75/63 | 24,500 | 0.70 | 1.56 | 22,900 | 0.75 | 1.84 | 21,700 | 0.78 | 2.06 | 19,900 | 0.81 | 2.28 | 18,200 | 0.84 | 2.50 |
| | | 75/57 | 21,500 | 1.00 | 1.55 | 19,900 | 1.00 | 1.83 | 18,700 | 1.00 | 2.05 | 17,400 | 1.00 | 2.28 | 16,200 | 1.00 | 2.50 |
| 4HP13*30P-7 | BCS*M30C****P | 85/72 | 34,600 | 0.60 | 2.18 | 33,100 | 0.63 | 2.47 | 32,000 | 0.66 | 2.69 | 30,100 | 0.68 | 2.98 | 28,400 | 0.70 | 3.26 |
| | | 80/67 | 33,000 | 0.66 | 1.98 | 30,700 | 0.71 | 2.32 | 29,000 | 0.74 | 2.59 | 27,200 | 0.76 | 2.91 | 25,500 | 0.78 | 3.23 |
| | | 75/63 | 31,000 | 0.70 | 1.97 | 28,800 | 0.73 | 2.30 | 27,200 | 0.76 | 2.55 | 25,000 | 0.79 | 2.88 | 22,900 | 0.82 | 3.22 |
| | | 75/57 | 26,200 | 1.00 | 1.95 | 24,300 | 1.00 | 2.29 | 23,000 | 1.00 | 2.54 | 21,900 | 1.00 | 2.88 | 21,000 | 1.00 | 3.21 |
| 4HP13*36P-7 | BCS*M36C****P | 85/72 | 40,900 | 0.61 | 2.45 | 39,700 | 0.67 | 2.90 | 38,700 | 0.71 | 3.24 | 36,900 | 0.70 | 3.63 | 35,000 | 0.69 | 4.03 |
| | | 80/67 | 39,400 | 0.67 | 2.42 | 36,900 | 0.70 | 2.81 | 35,000 | 0.72 | 3.11 | 33,200 | 0.75 | 3.52 | 31,400 | 0.77 | 3.93 |
| | | 75/63 | 37,200 | 0.71 | 2.40 | 35,100 | 0.73 | 2.85 | 33,400 | 0.75 | 3.20 | 31,400 | 0.77 | 3.51 | 29,400 | 0.79 | 3.83 |
| | | 75/57 | 32,900 | 1.00 | 2.33 | 31,000 | 1.00 | 2.78 | 29,600 | 1.00 | 3.13 | 27,800 | 1.00 | 3.46 | 26,000 | 1.00 | 3.79 |
| 4HP13*42P-7 | BCS*M42C****P | 85/72 | 48,400 | 0.60 | 2.70 | 46,900 | 0.63 | 3.23 | 45,700 | 0.65 | 3.63 | 43,000 | 0.68 | 4.05 | 40,200 | 0.70 | 4.48 |
| | | 80/67 | 46,600 | 0.66 | 2.69 | 43,400 | 0.69 | 3.22 | 41,000 | 0.72 | 3.62 | 38,500 | 0.76 | 4.02 | 35,900 | 0.79 | 4.42 |
| | | 75/63 | 44,200 | 0.70 | 2.69 | 40,900 | 0.73 | 3.20 | 38,400 | 0.76 | 3.59 | 35,700 | 0.79 | 3.97 | 32,800 | 0.82 | 4.35 |
| | | 75/57 | 38,200 | 1.00 | 2.67 | 35,600 | 1.00 | 3.19 | 33,600 | 1.00 | 3.59 | 31,200 | 1.00 | 3.96 | 28,700 | 1.00 | 4.32 |
| 4HP13*48P-7 | BCS*M48C****P | 85/72 | 55,600 | 0.62 | 3.18 | 53,900 | 0.64 | 3.81 | 52,700 | 0.66 | 4.29 | 49,500 | 0.69 | 4.79 | 46,200 | 0.71 | 5.29 |
| | | 80/67 | 52,700 | 0.69 | 3.14 | 50,000 | 0.71 | 3.75 | 48,000 | 0.72 | 4.23 | 44,900 | 0.74 | 4.71 | 41,800 | 0.75 | 5.19 |
| | | 75/63 | 49,800 | 0.72 | 3.10 | 46,700 | 0.75 | 3.70 | 44,400 | 0.77 | 4.15 | 40,800 | 0.81 | 4.65 | 37,200 | 0.84 | 5.14 |
| | | 75/57 | 43,700 | 1.00 | 3.08 | 40,500 | 1.00 | 3.66 | 38,200 | 1.00 | 4.10 | 35,800 | 1.00 | 4.60 | 33,400 | 1.00 | 5.10 |
| 4HP13*60P-7 | BCS*M60C****P | 85/72 | 72,700 | 0.59 | 4.22 | 67,400 | 0.62 | 4.97 | 63,500 | 0.64 | 5.55 | 59,800 | 0.66 | 6.20 | 56,200 | 0.67 | 6.86 |
| | | 80/67 | 66,400 | 0.68 | 4.12 | 61,600 | 0.70 | 4.81 | 58,000 | 0.71 | 5.35 | 54,500 | 0.74 | 6.06 | 51,100 | 0.76 | 6.77 |
| | | 75/63 | 62,300 | 0.70 | 4.09 | 57,100 | 0.73 | 4.79 | 53,100 | 0.75 | 5.32 | 49,900 | 0.77 | 6.02 | 46,800 | 0.79 | 6.72 |
| | | 75/57 | 52,700 | 1.00 | 4.03 | 48,600 | 1.00 | 4.75 | 45,400 | 1.00 | 5.30 | 42,900 | 1.00 | 6.00 | 40,500 | 1.00 | 6.69 |

Note:

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

* = B or L B = Wire Guard
L = Louvered

Heating Performance Extended Ratings

| Outdoor Model | Indoor Model | Outdoor Temp. DB/WB°F | | | | | | | | | |
|---------------|---------------|-----------------------|------|-------|------|-------|------|-------|------|-------|------|
| | | 0/0 | | 17/15 | | 35/33 | | 47/43 | | 62/56 | |
| | | Btuh | kW | Btuh | kW | Btuh | kW | Btuh | kW | Btuh | kW |
| 4HP13*18P-7 | BCS*M18C****P | 6800 | 1.41 | 10000 | 1.46 | 13000 | 1.51 | 17000 | 1.56 | 20500 | 1.61 |
| 4HP13*24P-7 | BCS*M24C****P | 10900 | 1.70 | 13000 | 1.73 | 17000 | 1.84 | 21600 | 1.92 | 25500 | 1.99 |
| 4HP13*30P-7 | BCS*M30C****P | 14500 | 2.00 | 17000 | 2.10 | 19000 | 2.26 | 27000 | 2.33 | 32300 | 2.38 |
| 4HP13*36P-7 | BCS*M36C****P | 13400 | 2.34 | 18000 | 2.40 | 23000 | 2.50 | 33800 | 2.91 | 40200 | 3.01 |
| 4HP13*42P-7 | BCS*M42C****P | 21400 | 3.10 | 25000 | 3.15 | 29000 | 3.33 | 40000 | 3.35 | 47500 | 3.44 |
| 4HP13*48P-7 | BCS*M48C****P | 24900 | 3.23 | 28000 | 3.42 | 34000 | 4.11 | 45000 | 4.12 | 53000 | 4.34 |
| 4HP13*60P-7 | BCS*M60C****P | 29500 | 4.21 | 34000 | 4.33 | 36000 | 4.67 | 55000 | 4.88 | 64200 | 5.10 |

Note:

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

* = B or L B = Wire Guard
L = Louvered

13 SEER Split System Heat Pump

Accessories

| Description | Where Used | Kit Number |
|----------------------------|----------------------------|--|
| Crankcase Heater | 18, 24, 30, 36 | 93M04 |
| | 42, 48, 60 | 93M05 (factory Installed) |
| Compressor Low Ambient Kit | 18, 24, 30, 36, 42, 48, 60 | 45F08 |
| Sound Blanket | 18, 24, 30, 36 | 14W00 |
| | 42, 48, 60 | 14W01 |
| Short Cycle Protector | 18, 24, 30, 36, 42, 48, 60 | 47J27 (factory installed, control board feature) |
| Freezestat | 3/8 tubing | 93G35 |
| | 5/8 tubing | 50A93 |
| Time Delay Relay | 18, 24, 30, 36, 42, 48, 60 | 58M81 (factory Installed; control board feature) |
| Loss of Charge Kit | 18, 24, 30, 36, 42, 48, 60 | 84M23 (factory Installed) |

CONCORD®

www.concord-air.com
1-800-448-5872

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

