

Split System Enhanced Heat Pump

4SHP13LE



**10 year limited parts
warranty available**



COMPRESSOR

- High efficiency 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 jacket coil guard protection
- 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
- Raised base pan with drain ports allows for excellent water and debris drainage

COIL

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

COMPONENTS

- Full metal jacket panels remove with just two screws per panel for easy coil cleaning and service
- Bi-directional filter drier for long-lasting durability and system protection
- Discharge muffler for quiet operation
- High pressure switch
- Reliable, solid-state, time-initiated, temperature terminated defrost system
- Defrost control is Quiet Shift™ capable
- Service valves positioned for quick installation and easy service
- Low pressure switch for loss of charge system protection
- Trade available components
- Defrost control features built in diagnostics for easier service
- Defrost control has short cycle protection to protect the compressor
- Defrost cycle is field selectable 30/60/90 minutes

DESIGN

- Designed for ambients up to 125°F

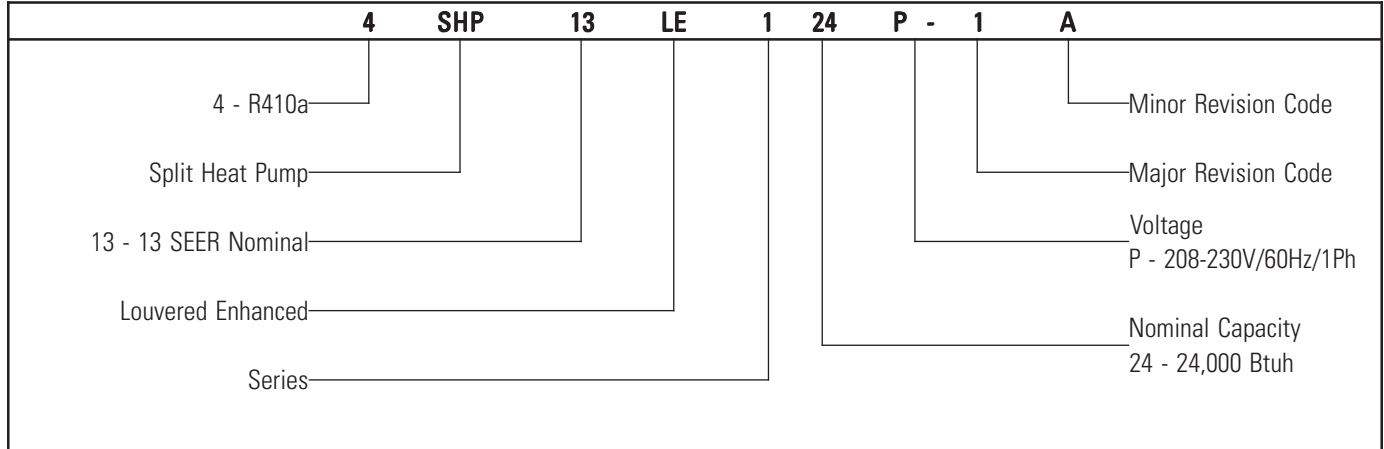
ACCESSORIES

- Fossil fuel kit
- Low ambient kit
- Crank Case Heater

AIREASE™

Built for life. Yours.™

Model Number Guide



Physical and Electrical

| Model | Voltage/ Hz/Phase | Voltage Range | Min. Circuit Ampacity | Max. Over- current Device (amps) | Compressor | | Fan Motor | | | Refrigerant Connections | | Refrig. Charge (oz.) | Weight (lbs.) |
|--------------|----------------------|------------------|-----------------------------|--|-------------------------|---------------------------|-------------------------|-------------|-------------|----------------------------|------------------------|----------------------------|------------------|
| | | | | | Rated Load (amps) | Locked Rotor (amps) | Rated Load (amps) | Rated HP | Nom. RPM | Liquid O.D. (in.) | Vapor O.D. (in.) | | |
| 4SHP13LE118P | 208-230/60/1 | 197-253 | 11.9 | 20 | 9.0 | 48 | 1.1 | 1/5 | 1075 | 3/8 | 3/4 | 143 | 185 |
| 4SHP13LE124P | 208-230/60/1 | 197-253 | 17.5 | 30 | 13.5 | 58.3 | 1.1 | 1/5 | 1075 | 3/8 | 3/4 | 119 | 186 |
| 4SHP13LE130P | 208-230/60/1 | 197-253 | 18.7 | 30 | 14.1 | 73 | 1.1 | 1/5 | 1075 | 3/8 | 3/4 | 122 | 187 |
| 4SHP13LE136P | 208-230/60/1 | 197-253 | 21.9 | 35 | 16.7 | 79 | 1.1 | 1/5 | 1075 | 3/8 | 7/8 | 162 | 202 |
| 4SHP13LE142P | 208-230/60/1 | 197-253 | 23.2 | 40 | 17.0 | 107 | 1.7 | 1/3 | 825 | 3/8 | 7/8 | 186 | 254 |
| 4SHP13LE148P | 208-230/60/1 | 197-253 | 28.9 | 50 | 21.8 | 117 | 1.7 | 1/4 | 825 | 3/8 | 7/8 | 186 | 260 |
| 4SHP13LE160P | 208-230/60/1 | 197-253 | 34.6 | 60 | 26.3 | 134 | 1.7 | 1/4 | 825 | 3/8 | 1-1/8 | 240 | 299 |

Sound Ratings

| Model | Sound Rating (dBA) |
|-------------|--------------------|
| 4SHP13LE118 | 74 |
| 4SHP13LE124 | 74 |
| 4SHP13LE130 | 76 |
| 4SHP13LE136 | 76 |
| 4SHP13LE142 | 76 |
| 4SHP13LE148 | 76 |
| 4SHP13LE160 | 76 |

Performance

| Model | Indoor Model | Cooling | | | | Heating | | | | CFM | Required Indoor TXV Kit ² | |
|------------------------------|------------------------------|------------------|-------------------|-------|-------|---------|--------|--------|--------|--------|--------------------------------------|---------|
| | | Btuh | SEER ¹ | EER | S/T | HSPF | 47° | | 17° | | | |
| | | | | | | | Btuh | COP | Btuh | | | COP |
| 4SHP13LE118 | BCS2M18C00NA-1P | 18,900 | 14.00 | 12.00 | .75 | 7.70 | 17,900 | 3.6 | 10,600 | 2.3 | 600 | H4TXV01 |
| | EFV12BC/E(U,C,M)1P24B | 18,900 | 14.00 | 12.00 | .75 | 7.70 | 17,900 | 3.6 | 10,600 | 2.3 | 600 | H4TXV01 |
| | BCS2M24V00NA1P | 19,000 | 14.50 | 12.50 | .75 | 7.70 | 17,500 | 3.6 | 10,600 | 2.3 | 600 | H4TXV01 |
| 4SHP13LE124 | BCS2M24C00NA-1P | 22,800 | 14.00 | 12.00 | .75 | 7.70 | 21,800 | 3.7 | 12,100 | 2.2 | 800 | H4TXV01 |
| | BCS2M24C00NA-1P | 22,800 | 14.00 | 12.00 | .75 | 7.70 | 21,800 | 3.7 | 12,100 | 2.2 | 800 | .059 |
| | G2D95***V12B/E(U,C,M)1P30B | 23,000 | 15.00 | 12.50 | .75 | 7.70 | 21,400 | 3.7 | 11,900 | 2.2 | 800 | H4TXV01 |
| | G2D95***V14B/E(U,C,M)1P30B | 23,000 | 15.00 | 12.50 | .75 | 7.70 | 21,400 | 3.7 | 11,900 | 2.2 | 800 | H4TXV01 |
| | G2D80***V12B/E(U,C,M)1P30B | 23,000 | 15.00 | 12.50 | .75 | 7.70 | 21,400 | 3.7 | 11,900 | 2.2 | 800 | H4TXV01 |
| | G2D80***V14B/E(U,C,M)1P30B | 23,000 | 15.00 | 12.50 | .75 | 7.70 | 21,400 | 3.7 | 11,900 | 2.2 | 800 | H4TXV01 |
| | EFV12B/E(U,C,M)1P30B | 23,000 | 15.00 | 12.50 | .75 | 7.70 | 21,400 | 3.7 | 11,900 | 2.2 | 800 | H4TXV01 |
| | BCS2M24V00NA1P | 23,000 | 14.50 | 12.50 | .76 | 7.80 | 21,400 | 3.7 | 12,200 | 2.2 | 800 | .059 |
| | BCS2M24V00NA1P | 23,000 | 14.50 | 12.50 | .76 | 7.80 | 21,400 | 3.7 | 12,200 | 2.2 | 800 | H4TXV01 |
| | 4SHP13LE130 | BCS2M30C00NA1-1P | 28,800 | 13.00 | 11.00 | .76 | 7.70 | 27,400 | 3.6 | 16,100 | 2.3 | 1000 |
| BCS2M30C00NA1-1P | | 28,800 | 13.00 | 11.00 | .76 | 7.70 | 27,400 | 3.6 | 16,100 | 2.3 | 1000 | .065 |
| G2D95***V12B/E(U,C,M,H)1P36B | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| G2D95***V14B/E(U,C,M,H)1P36B | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| G2D95***V16C/E(U,C,M,H)1P36C | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| G2D80***V12B/E(U,C,M,H)1P36B | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| G2D80***V14B/E(U,C,M,H)1P36B | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| EFV12BC/E(U,C,M,H)1P36B | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| EFV16CC/E(U,C,M,H)1P36C | | 30,000 | 14.00 | 12.00 | .76 | 7.70 | 27,200 | 3.6 | 16,000 | 2.3 | 1000 | H4TXV01 |
| BCS2M36V00NA1P | | 30,000 | 14.00 | 12.00 | .76 | 8.20 | 27,000 | 4.0 | 17,000 | 2.7 | 1000 | .065 |
| BCS2M36V00NA1P | | 30,000 | 14.00 | 12.00 | .76 | 8.20 | 27,000 | 4.0 | 17,000 | 2.7 | 1000 | H4TXV01 |
| 4SHP13LE136 | BCS2M36C00NA-1P | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | BCS2M36C00NA-1P | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | .067 |
| | G2D95***V12B/E(U,C,M,H)1P36B | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | G2D95***V14B/E(U,C,M,H)1P36B | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | G2D95***V16C/E(U,C,M,H)1P36C | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | G2D80***V12B/E(U,C,M,H)1P36B | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | G2D80***V14B/E(U,C,M,H)1P36B | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | EFV12BC/E(U,C,M,H)1P36B | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | EFV16CC.E(U,C,M,H)1P36C | 34,200 | 13.00 | 11.00 | .74 | 7.70 | 35,600 | 3.7 | 21,400 | 2.5 | 1200 | H4TXV02 |
| | BCS2M36V00NA1P | 34,800 | 14.00 | 12.00 | .75 | 8.20 | 35,000 | 3.9 | 20,000 | 2.3 | 1200 | .067 |
| | BCS2M36V00NA1P | 34,800 | 14.00 | 12.00 | .75 | 8.20 | 35,000 | 3.9 | 20,000 | 2.3 | 1200 | H4TXV02 |

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

²Required to achieve ARI rating.

Performance

| Model | Indoor Model | Cooling | | | | Heating | | | | CFM | Required Indoor TXV Kit ² | |
|--------------------------|------------------------------|----------------|-------------------|-------|-------|---------|--------|--------|--------|--------|--------------------------------------|---------|
| | | Btuh | SEER ¹ | EER | S/T | HSPF | 47° | | 17° | | | |
| | | | | | | | Btuh | COP | Btuh | | | COP |
| 4SHP13LE142 | BCS2M42C00NA-1P | 40,500 | 13.50 | 11.00 | .75 | 7.70 | 42,000 | 3.6 | 25,800 | 2.5 | 1400 | H4TXV02 |
| | BCS2M42C00NA-1P | 40,500 | 13.50 | 11.00 | .75 | 7.70 | 42,000 | 3.6 | 25,800 | 2.5 | 1400 | .074 |
| | E(U,C,M,H)1P43B,C | 42,000 | 13.00 | 11.00 | .75 | 7.70 | 40,000 | 3.4 | 25,000 | 2.3 | 1400 | H4TXV02 |
| | E(U,C)1P60D | 42,000 | 13.00 | 11.00 | .75 | 7.70 | 40,000 | 3.4 | 25,000 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V14B/E(U,C,M,H)1P43B | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V16C/E(U,C,M,H)1P43C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V16C/E(U,C,H)1P49C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V16C/E(U,C,M)1P50C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V20C/E(U,C,M,H)1P43C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V20C/E(U,C,H)1P49C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D95***V20C/E(U,C,M)1P50C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D80***V14B/E(U,C,M,H)1P43B | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D80***V20C/E(U,C,M,H)1P43C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D80***V20C/E(U,C,H)1P49C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | G2D80***V20C/E(U,C,M)1P50C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | E(U,C,M,H)1P43C | 42,000 | 13.00 | 11.00 | .75 | 7.70 | 40,000 | 3.4 | 25,000 | 2.3 | 1400 | H4TXV02 |
| | EFV16CC/E(U,C,M,H)1P43C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | EFV16CC/E(U,C,H)1P49c | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | EFV16CC/E(U,C,M)1P50C | 42,000 | 14.00 | 12.00 | .75 | 7.70 | 39,000 | 3.4 | 24,400 | 2.3 | 1400 | H4TXV02 |
| | 4SHP13LE148 | BCS2M42V00NA1P | 40,500 | 14.00 | 11.50 | .75 | 8.20 | 41,500 | 3.6 | 26,000 | 2.6 | 1400 |
| BCS2M42V00NA1P | | 40,500 | 14.00 | 11.50 | .75 | 8.20 | 41,500 | 3.6 | 26,000 | 2.6 | 1400 | H2TXV02 |
| BCS2M48C00NA-1P | | 48,000 | 13.50 | 11.00 | .75 | 7.70 | 44,500 | 3.6 | 27,600 | 2.4 | 1600 | H4TXV03 |
| G2D95***V20D/E(U,C)1P60D | | 47,500 | 13.50 | 11.00 | .75 | 7.70 | 44,500 | 3.6 | 27,600 | 2.4 | 1600 | H4TXV03 |
| G2D80***V20D/E(U,C)1P60D | | 47,500 | 13.50 | 11.00 | .75 | 7.70 | 44,500 | 3.6 | 27,600 | 2.4 | 1600 | H4TXV03 |
| 4SHP13LE160 | EFV20DC/E(U,C)1P60D | 47,500 | 13.50 | 11.00 | .75 | 7.70 | 44,500 | 3.6 | 27,600 | 2.4 | 1600 | H4TXV03 |
| | BCS2M48V00NA1P | 48,000 | 14.00 | 11.20 | .75 | 8.00 | 44,000 | 3.6 | 29,000 | 2.6 | 1600 | H2TXV03 |
| | BCS2M60C00NA-1P | 57,000 | 13.00 | 10.75 | .76 | 7.70 | 56,000 | 3.4 | 36,000 | 2.5 | 1800 | H4TXV03 |
| | BCS2M60C00NA-1P | 57,000 | 13.00 | 10.75 | .76 | 7.70 | 56,000 | 3.4 | 36,000 | 2.5 | 1800 | .090 |
| | E(U,C)1P60D | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 |
| | E(U,C,H)1P62C,D | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 |
| | G2D80***V20C/E(U,C,H)1P62C | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 |
| | G2D80***V20D/E(U,C)1P60D | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 |
| | G2D80***V20D/E(U,C,H)1P62D | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 |
| | EFV20DC/E(U,C)1P60D | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 |
| EFV20DC/E(U,C,H)1P62D | 57,000 | 13.00 | 10.80 | .76 | 7.70 | 55,500 | 3.3 | 36,000 | 2.4 | 1800 | H4TXV03 | |
| 4SHP13LE160 | BCS2M60V00NA1P | 57,000 | 13.25 | 10.90 | .76 | 8.00 | 56,000 | 3.8 | 40,000 | 2.7 | 1800 | 0.09 |
| | BCS2M60V00NA1P | 57,000 | 13.25 | 10.90 | .76 | 8.00 | 56,000 | 3.8 | 40,000 | 2.7 | 1800 | A4TXV03 |

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

²Required to achieve ARI rating.

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 |
| 4SHP13LE118 | BCS2M18C00NA-1P BCS2M18C00NA-4X EFV12BC/E(U,C,M)1P24B | 85/72 | 24,000 | .65 | 1.43 | 20,900 | .69 | 1.53 | 19,900 | .72 | 1.73 | 18,900 | .74 | 1.93 | 17,800 | .77 | 2.18 |
| | | 80/67 | 23,000 | .68 | 1.40 | 19,900 | .72 | 1.50 | 18,900 | .75 | 1.70 | 17,900 | .77 | 1.90 | 16,800 | .80 | 2.15 |
| | | 75/63 | 22,000 | .71 | 1.37 | 18,900 | .75 | 1.47 | 17,900 | .78 | 1.67 | 16,900 | .80 | 1.87 | 15,800 | .83 | 2.12 |
| 4SHP13LE124 | BCS2M24C00NA-1P BCS2M24C00NA-4X EFV12B/E(U,C,M)1P30B | 85/72 | 26,000 | .67 | 1.60 | 25,200 | .68 | 1.83 | 24,000 | .72 | 2.08 | 22,000 | .73 | 2.30 | 20,800 | .76 | 2.53 |
| | | 80/67 | 25,000 | .70 | 1.57 | 24,200 | .71 | 1.80 | 23,000 | .75 | 2.05 | 21,000 | .76 | 2.27 | 19,800 | .79 | 2.50 |
| | | 75/63 | 24,000 | .73 | 1.54 | 23,200 | .74 | 1.77 | 22,000 | .78 | 2.02 | 20,000 | .79 | 2.24 | 18,800 | .82 | 2.47 |
| 4SHP13LE130 | BCS2M30C00NA1-1P BCS2M30C00NA-4X EFV12BC/E(U,C,M,H)1P36B EFV16CC/E(U,C,M,H)1P36C | 85/72 | 33,000 | .68 | 1.85 | 32,200 | .71 | 2.19 | 31,000 | .72 | 2.48 | 30,000 | .74 | 2.74 | 27,000 | .85 | 2.97 |
| | | 80/67 | 32,000 | .71 | 1.82 | 31,200 | .74 | 2.16 | 30,000 | .75 | 2.45 | 29,000 | .77 | 2.71 | 26,000 | .82 | 3.00 |
| | | 75/63 | 31,000 | .74 | 1.79 | 30,200 | .77 | 2.13 | 29,000 | .78 | 2.42 | 28,000 | .80 | 2.68 | 25,000 | .79 | 3.03 |
| 4SHP13LE136 | BCS2M36C00NA-1P BCS2M36C00NA-4X EFV12BC/E(U,C,M,H)1P36B EFV16CC.E(U,C,M,H)1P36C | 85/72 | 40,200 | .66 | 2.36 | 38,000 | .68 | 2.76 | 36,200 | .69 | 3.16 | 35,000 | .71 | 3.51 | 33,000 | .74 | 3.99 |
| | | 80/67 | 39,200 | .69 | 2.33 | 37,000 | .71 | 2.73 | 35,200 | .72 | 3.13 | 34,000 | .74 | 3.48 | 32,000 | .77 | 3.96 |
| | | 75/63 | 38,200 | .72 | 2.30 | 36,000 | .74 | 2.70 | 34,200 | .75 | 3.10 | 33,000 | .77 | 3.45 | 31,000 | .80 | 3.93 |
| 4SHP13LE142 | BCS2M42C00NA-1P EFV20LC/CAM42C EFV16CC/E(U,C,M,H)1P43C EFV16CC/E(U,C,H)1P49C EFV16CC/E(U,C,M)1P50C | 85/72 | 47,000 | .68 | 2.94 | 45,000 | .69 | 3.30 | 42,500 | .70 | 3.69 | 39,700 | .72 | 4.03 | 38,600 | .73 | 4.45 |
| | | 80/67 | 46,000 | .71 | 2.91 | 44,000 | .72 | 3.27 | 41,500 | .73 | 3.66 | 38,700 | .75 | 4.00 | 37,600 | .76 | 4.42 |
| | | 75/63 | 45,000 | .74 | 2.88 | 43,000 | .75 | 3.24 | 40,500 | .76 | 3.63 | 37,700 | .78 | 3.97 | 36,600 | .79 | 4.39 |
| 4SHP13LE148 | BCS2M48C00NA-1P BCS2M48C00NA-4X EFV20DC/E(U,C)1P60D | 85/72 | 55,400 | .68 | 3.05 | 52,000 | .71 | 3.54 | 50,000 | .72 | 3.99 | 48,000 | .73 | 4.36 | 45,800 | .75 | 4.85 |
| | | 80/67 | 53,400 | .71 | 3.02 | 50,000 | .74 | 3.51 | 48,000 | .75 | 3.96 | 46,000 | .76 | 4.33 | 43,800 | .78 | 4.82 |
| | | 75/63 | 51,400 | .74 | 2.99 | 48,000 | .77 | 3.48 | 46,000 | .78 | 3.93 | 44,000 | .79 | 4.30 | 41,800 | .81 | 4.79 |
| 4SHP13LE160 | BCS2M60C00NA-1P BCS2M60C00NA-4X EFV20DC/E(U,C)1P60D EFV20DC/E(U,C,H)1P62D | 85/72 | 59,000 | .64 | 3.82 | 58,000 | .65 | 4.49 | 57,000 | .68 | 5.11 | 55,000 | .69 | 5.66 | 53,000 | .72 | 6.30 |
| | | 80/67 | 57,000 | .67 | 3.79 | 56,000 | .68 | 4.46 | 55,000 | .71 | 5.08 | 53,000 | .72 | 5.63 | 51,000 | .75 | 6.27 |
| | | 75/63 | 55,000 | .70 | 3.76 | 54,000 | .71 | 4.43 | 53,000 | .74 | 5.05 | 51,000 | .75 | 5.60 | 49,000 | .78 | 6.24 |

Heating Performance Extended Ratings

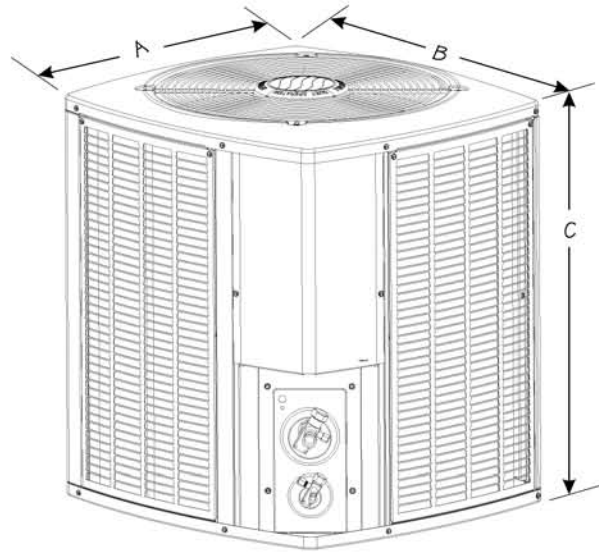
| Outdoor Model | Indoor Model | Outdoor Temp. DB/WB°F | | | | | | | | | | | | | | |
|---------------|--|-----------------------|------|------|--------|------|------|--------|------|------|--------|------|------|--------|------|------|
| | | 0/0 | | | 17/15 | | | 35/33 | | | 47/43 | | | 62/56 | | |
| | | Btuh | COP | kW | Btuh | COP | kW | Btuh | COP | kW | Btuh | COP | kW | Btuh | COP | kW |
| 4SHP13LE118 | BCS2M18C00NA-1P BCS2M18C00NA-4X EFV12BC/E(U,C,M)1P24B | 6,500 | 1.60 | 1.29 | 10,600 | 2.30 | 1.35 | 15,000 | 3.10 | 1.42 | 17,900 | 3.60 | 1.46 | 21,600 | 4.30 | 1.47 |
| 4SHP13LE124 | BCS2M24C00NA-1P BCS2M24C00NA-4X EFV12B/E(U,C,M)1P30B | 6,600 | 1.40 | 1.55 | 12,100 | 2.20 | 1.61 | 17,900 | 3.10 | 1.69 | 21,800 | 3.70 | 1.73 | 26,700 | 4.50 | 1.74 |
| 4SHP13LE130 | BCS2M30C00NA-1P BCS2M30C00NA-4X EFV12BC/E(U,C,M,H)1P36B EFV16CC/E(U,C,M,H)1P36C | 9,700 | 1.60 | 1.95 | 16,100 | 2.30 | 2.05 | 22,900 | 3.10 | 2.16 | 27,400 | 3.60 | 2.23 | 33,100 | 4.30 | 2.26 |
| 4SHP13LE136 | BCS2M36C00NA-1P BCS2M36C00NA-4X EFV12BC/E(U,C,M,H)1P36B EFV16CC.E(U,C,M,H)1P36C | 13,400 | 1.80 | 2.33 | 21,400 | 2.50 | 2.51 | 29,900 | 3.20 | 2.74 | 35,600 | 3.70 | 2.82 | 42,700 | 4.30 | 2.91 |
| 4SHP13LE142 | BCS2M42C00NA-1P EFV16CC/E(U,C,M,H)1P43C EFV16CC/E(U,C,H)1P49C EFV16CC/E(U,C,M)1P50C | 16,600 | 1.90 | 2.80 | 25,800 | 2.50 | 3.02 | 35,500 | 3.20 | 3.25 | 42,000 | 3.60 | 3.42 | 50,100 | 4.20 | 3.50 |
| 4SHP13LE148 | BCS2M48C00NA-1P BCS2M48C00NA-4X EFV20DC/E(U,C)1P60D | 18,000 | 1.70 | 3.23 | 27,600 | 2.40 | 3.37 | 37,700 | 3.10 | 3.56 | 44,500 | 3.60 | 3.62 | 53,000 | 4.20 | 3.70 |
| 4SHP13LE160 | BCS2M60C00NA-1P BCS2M60C00NA-4X EFV20DC/E(U,C)1P60D | 24,700 | 2.00 | 3.88 | 36,000 | 2.50 | 4.22 | 48,000 | 3.00 | 4.69 | 56,000 | 3.40 | 4.83 | 66,000 | 3.90 | 4.96 |

Accessories

| Kit Number | Description | Used with |
|------------|-------------------------------------|---------------------|
| 40K58 | Blower Off Delay Kit | All 4SHP13LE's |
| 69J03 | Compressor Sound covers | All 4SHP13LE's |
| 45F08 | Compressor Low ambient Cut -off | All 4SHP13LE's |
| 93G35 | Freezestats - 3/8" | All 4SHP13LE's |
| 39H29 | Freezestats - 1/2" | All 4SHP13LE's |
| 50A93 | Freezestats - 5/8" | All 4SHP13LE's |
| 93M04 | Crank Case Heater | All 4SHP13LE's |
| 10J42 | Hard Start Kit 1.5 – 3.5 ton | 4SHP13LE118-36 |
| 88M91 | Hard Start Kit 4 – 5 ton | 4SHP13LE142 - 60 |
| 34M72 | Low Ambient Kit | All 4SHP13LE's |
| 33M07 | Mild Ambient Kit | All 4SHP13LE's |
| AFOSL500 | Fossil Fuel Kit, 2 Stage Compatible | All 4SHP13LE's |
| ASTAT503 | Outdoor Stat | All 4SHP13LE's |
| ADFSTAT504 | Discharge Tempering Stat | All 4SHP13LE's |
| H4TXV01 | TXV Kit | 4SHP13LE118, 24, 30 |
| H4TXV02 | TXV Kit | 4SHP13LE136, 42 |
| H4TSV03 | TXV Kit | 4SHP13LE148, 60 |

Dimensions (in.)

| Model No. | A | B | C |
|-------------|--------|--------|--------|
| 4SHP13LE118 | 24 3/4 | 26 3/4 | 29 3/4 |
| 4SHP13LE124 | 24 3/4 | 26 3/4 | 29 3/4 |
| 4SHP13LE130 | 24 3/4 | 26 3/4 | 29 3/4 |
| 4SHP13LE136 | 24 3/4 | 26 3/4 | 33 3/4 |
| 4SHP13LE142 | 29 3/8 | 31 1/4 | 33 3/4 |
| 4SHP13LE148 | 29 3/8 | 31 1/4 | 33 3/4 |
| 4SHP13LE160 | 29 3/8 | 31 1/4 | 43 3/4 |



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