

Bosch 96% AFUE Gas Furnace - BGH96 Model

Up to 96% AFUE heating efficiency, ENERGY STAR rated

Product Features

- Two Stage gas valve with X13 ECM Motor
- Hot surface ignition
- 3-way multipoise design
- Durable aluminized stainless steel primary heat exchanger
- Stainless steel secondary heat exchanger
- Dual Fuel Compatible
- Compatible with most 24V thermostats
- 20 year heat exchanger limited warranty
- 5 year parts limited warranty



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Proper sizing and installation of equipment is critical to achieving 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.

| DESCRIPTION | | | *M060B3B | *M080B3B | *M100D5B | *M120D5B |
|-----------------------------|----------------------------------|---------------|------------------------------|-------------|-------------|------------|
| PART # | Furnace | Part # | 7738007227 | 7738007228 | 7738007231 | 7738007232 |
| INPUT | High | Btuh | 60000 | 80000 | 100000 | 120000 |
| | Low | Btuh | 39000 | 52000 | 65000 | 78000 |
| OUTPUT | High | Btuh | 57000 | 76000 | 95000 | 115000 |
| | Low | Btuh | 37000 | 49000 | 62000 | 75000 |
| EXT. STATIC PRESSURE | Heating | in WC | 0.12 | 0.15 | 0.2 | 0.2 |
| | Cooling | in WC | 0.5 | 0.5 | 0.5 | 0.5 |
| POWER | V/Phase/Hz | | 115V/1PH/60Hz | | | |
| | Max Overcurrent (AMPS) | | 15 | | 20 | |
| CABINET DIMENSION | Width | in | 17.5 | | 24.5 | |
| | Depth X Height | | 28.5 x 33.75 | | | |
| TECH SPEC | Heat Rise | F | 30-60 | 35-65 | 35-65 | 40-70 |
| | AC Tonnage | Tons | 1.5-3 | 1.5-3 | 3.5-5 | 3.5-5 |
| | Manifold Pressure (in WC) | NG | High Fire: 3.5 Low Fire: 1.6 | | | |
| | | LP | High Fire: 10 Low Fire: 4 | | | |
| PRICE | Furnace | \$ 2,350.29 | \$ 2,421.14 | \$ 2,860.57 | \$ 3,065.14 | |

Bosch Heat Pump IDS 2.0 - BOVA Outdoor Condensing Unit

Up to 20.5 SEER & 10.5 HSPF

Cooling Capacity: 34,600 - 54,500 BTU/h Heating Capacity: 34,200 - 56,000 BTU/h

Product Features

- Premium efficiency - Up to 20.5 SEER and 10.5 HSPF
- Whisper Quiet Operation - as low as 56 dB
- Easy to install - compatible with most 24VAC heat pump thermostats
- Only 4 wires for full HP or 2 wires for A/C only
- Inverter compressor modulates in 85 - 1% increments
- Dual Fuel Compatible
- Compatible with any evaporator coil - must have TXV
- Compressor Sound Blanket and Crankcase Heater
- 10 Year Residential Limited Warranty



Operating Range

- Heating: -4F - 86F
- Cooling: 15 - 125F



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| DESCRIPTION | | | BOVA 36 | BOVA 60 |
|---------------|--------------------|--------|-----------------------|-----------------------|
| MODEL | ODU | Part # | 8733952437 | 8733952438 |
| | Capacity | Btuh | 34600 | 54500 |
| COOLING | Operating Range | F | 15 - 125 | 15 - 125 |
| | Capacity | Btuh | 34200 | 56000 |
| HEATING | Operating Range | F | -4 - 86 | -4 - 86 |
| | Max @ 100% Load | dB(A) | 77 | 79 |
| NOISE | Min @ Min Load | dB(A) | 56 | 60 |
| | V/Phase/Hz | | 208-230/1/60 | 208-230/1/60 |
| POWER | Min/Max Volts | | 172/270 | 172/270 |
| | W x D x H | in | 29.13 x 29.13 x 24.94 | 29.13 x 29.13 x 33.19 |
| ODU DIMENSION | Weight | lbs | 150 | 220.0 |
| | Liquid Side | in | 3/8 | 3/8 |
| PIPING | Suction Side | in | 3/4 | 7/8 |
| | Max Line Length | ft | 150 | 150 |
| | Max Elevation Diff | ft | 50 | 50 |
| PRICE | ODU | | \$ 3,822.86 | \$ 4,994.86 |

Bosch Heat Pump IDS 1.5- BOVA Outdoor Condensing Unit

Up to 16 SEER & 9 HSPF

Cooling Capacity: 34,600 - 54,500 BTU/h Heating Capacity: 34,200 - 56,000 BTU/h

Product Features

- Whisper Quiet Operation - as low as 56 dB
- Easy to install - compatible with most 24VAC heat pump thermostats
- Only 4 wires for full HP or 2 wires for A/C only
- Inverter compressor modulates in 85 - 1% increments
- Dual Fuel Compatible
- Compatible with any evaporator coil - must have TXV
- Compressor Sound Blanket and Crankcase Heater
- 10 Year Residential Limited Warranty



Operating Range

- Heating: -4F - 86F
- Cooling: 15 - 125F



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| DESCRIPTION | | | BOVA24-M15 | BOVA36-M15 | BOVA60-M15 |
|----------------------|---------------------------|---------------|-------------------|-------------------|---------------------------|
| MODEL | ODU | Part # | 8733956368 | 8733955693 | 8733955694 |
| COOLING | Capacity | Btuh | 24000 | 34200 | 50000 |
| | Operating Range | F | 40 ~ 120 | 40 ~ 120 | 40 ~ 120 |
| HEATING | Capacity | Btuh | 24000 | 35000 | 56000 |
| | Operating Range | F | 5 ~ 86 | 5 ~ 86 | 5 ~ 86 |
| NOISE | Max @ 100% Load | dB(A) | 76 | 78 | 80 |
| | Min @ Min Load | dB(A) | 59 | 60 | 60 |
| POWER | V/Phase/Hz | | 208/230-1-60 | 208/230-1-60 | 208/230-1-60 |
| | Min/Max Volts | | 172V/270V | 172V/270V | 172V/270V |
| ODU DIMENSION | W x D x H | in | 28 x 28x 24-15/16 | 28 x 28x 24-15/16 | 29-1/8 x 29-1/8 x 33-3/16 |
| | Weight | lbs | 126 | 134 | 186 |
| PIPING | Liquid Side | in | 3/8 | 3/8 | 3/8 |
| | Suction Side | in | 3/4 | 3/4 | |
| | Max Line Length | ft | 100 | 100 | 100 |
| | Max Elevation Diff | ft | 50 | 50 | 50 |
| PRICE | ODU | | \$ 2,502.29 | \$ 2,832.00 | \$ 3,539.43 |

Bosch Heat Pump IDS 2.0 - BVA Indoor Air Handler

Up to 20.5 SEER & 10.5 HSPF

Cooling Capacity: 24,000 - 54,500 BTU/h Heating Capacity: 24,000 - 56,000 BTU/h

Product Features

- Premium efficiency - Up to 20.5 SEER and 10.5 HSPF
- Whisper Quiet Operation - as low as 56 dB
- Easy to install - compatible with most 24VAC heat pump thermostats
- All aluminum evaporator coil c/w factory-installed TXV
- Multi-position installation - upflow or horizontal right standard
- Electric Heat Kits available
- Fully insulated cabinet design
- Integrated filter rack w/ door
- Constant torque ECM blower motor
- 10 Year Residential Limited Warranty



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| DESCRIPTION | | | BVA024 | BVA036 | BVA048 | BVA060 |
|---------------|------------------|--------|--------------------|--------------------|----------------|----------------|
| MODEL | IDU | Part # | 8733952439 | 8733952440 | 8733952441 | 8733952442 |
| COOLING | Capacity | Btuh | 24000 | 34600 | 47500 | 54500 |
| | | Btuh | 24000 | 34200 | 48000 | 56000 |
| HEATING | Capacity | Btuh | 24000 | 34200 | 48000 | 56000 |
| | | Btuh | 24000 | 34200 | 48000 | 56000 |
| NOISE | High Speed Fan | dB(A) | 63 | 65 | 67 | 68 |
| | Low Speed Fan | dB(A) | 55 | 58 | 59 | 60 |
| POWER | V/Phase/Hz | | 208-230/1/60 | 208-230/1/60 | 208-230/1/60 | 208-230/1/60 |
| | Min/Max Volts | | 172/270 | 172/270 | 172/270 | 172/270 |
| ODU DIMENSION | W x D x H | in | 21.6 x 19.6 x 46.5 | 21.6 x 19.6 x 46.5 | 24 x 22 x 54.5 | 24 x 22 x 54.5 |
| | Weight | lbs | 119 | 126 | 162 | 170.0 |
| PIPING | Liquid Side | in | 3/8 | 3/8 | 3/8 | 3/8 |
| | Suction Side | in | 3/4 | 3/4 | 7/8 | 7/8 |
| | Expansion Device | | | TXV | TXV | TXV |
| Air Filter | Size | in | 18 x 20 | 18 x 20 | 20 x 22 | 20 x 22 |
| PRICE | ODU | | \$ 2,066.86 | \$ 2,655.43 | \$ 2,757.14 | \$ 3,773.71 |

Bosch IDS 2.0 - AHRI 210/240 Performance Data

| Inverter Ducted Split 2.0 AHRI 210/240 Performance Data | | | | | | | | | |
|---------------------------------------------------------|---------------------|-------------------------------------------|--------------------------|------|------|-----------------|------|-------|-----------|
| Nominal HP System Tonnage | Outdoor Unit Part # | Indoor Air Handler/Evaporator Coil Part # | Cooling Capacity (BTU/H) | | | Heating (BTU/H) | | | CFM |
| | | | Total | EER | SEER | HI | HSPF | LOW | |
| 2 | 8733952437 | 8733952439 | 24000 | 14 | 20.5 | 24000 | 10.5 | 23000 | 860/680 |
| 3 | 8733952437 | 8733952440 | 34600 | 12.5 | 20 | 34200 | 10.5 | 28000 | 1150/820 |
| 4 | 8733952438 | 8733952441 | 47500 | 13.5 | 20 | 48000 | 10.5 | 40000 | 1530/1150 |
| 5 | 8733952438 | 8733952442 | 54500 | 12.5 | 19 | 56000 | 10.5 | 44000 | 1750/1350 |
| 3 | 8733952437 | 8733947947 | 23400 | 11.8 | 16.5 | 23400 | 9.5 | 18000 | 750/600 |
| | 8733952437 | 8733947948 | 23600 | 11.8 | 16.5 | 23800 | 9.5 | 18000 | 800/600 |
| | 8733952437 | 8733947950 | 32000 | 10.8 | 16 | 33600 | 9.5 | 22000 | 900/750 |
| | 8733952437 | 8733947951 | 32400 | 11.2 | 16 | 33800 | 9.5 | 23000 | 1000/800 |
| | 8733952437 | 8733947952 | 32600 | 11.4 | 16 | 34000 | 9.5 | 23000 | 1050/800 |
| 4 | 8733952438 | 8733947953 | 43000 | 11.2 | 16.5 | 44500 | 9.5 | 31500 | 1200/1050 |
| | 8733952438 | 8733947954 | 44000 | 11.8 | 16.5 | 46000 | 9.5 | 32000 | 1350/1050 |
| | 8733952438 | 8733947955 | 45000 | 11.8 | 16.5 | 46500 | 9.5 | 32000 | 1450/1050 |
| 5 | 8733952438 | 8733947956 | 55000 | 10.5 | 16 | 55500 | 9.5 | 38000 | 1350/1150 |
| | 8733952438 | 8733947957 | 56000 | 10.5 | 16 | 56000 | 9.5 | 39000 | 1500/1150 |

ENERGY STAR® requirements met

Bosch Cased Evaporator Coils

Product Features

- Factory equipped TXV
- Insulated Cabinet
- Secondary Condensate Drain Outlets



| Model # | Part # | Description | Width (in) | Height (in) | Depth (in) | Price (\$) |
|--------------|------------|----------------------------------------|------------|-------------|------------|-------------|
| BMAC2430ANTD | 8733947947 | 24k BTUH, Cased A-Coil, H/V Mnt, 14.5" | 14.5 | 20.0 | 21.0 | \$ 732.57 |
| BMAC2430BNTD | 8733947948 | 24k BTUH, Cased A-Coil, H/V Mnt, 17.5" | 17.5 | 20.0 | 21.0 | \$ 732.57 |
| BMAC3036ANTD | 8733947950 | 36k BTUH, Cased A-Coil, H/V Mnt, 14.5" | 14.5 | 20.0 | 21.0 | \$ 753.14 |
| BMAC3036BNTD | 8733947951 | 36k BTUH, Cased A-Coil, H/V Mnt, 17.5" | 17.5 | 20.0 | 21.0 | \$ 753.14 |
| BMAC3036CNTD | 8733947952 | 36k BTUH, Cased A-Coil, H/V Mnt, 21" | 21.0 | 20.0 | 21.0 | \$ 861.71 |
| BMAC4248BNTF | 8733947953 | 48k BTUH, Cased A-Coil, H/V Mnt, 17.5" | 17.5 | 30.0 | 21.0 | \$ 920.00 |
| BMAC4248CNTF | 8733947954 | 48k BTUH, Cased A-Coil, H/V Mnt, 21" | 21.0 | 30.0 | 21.0 | \$ 1,013.14 |
| BMAC4248DNTF | 8733947955 | 48k BTUH, Cased A-Coil, H/V Mnt, 24.5" | 24.5 | 30.0 | 21.0 | \$ 1,045.71 |
| BMAC4860CNTF | 8733947956 | 60k BTUH, Cased A-Coil, H/V Mnt, 21" | 21.0 | 30.0 | 21.0 | \$ 1,153.71 |
| BMAC4860DNTF | 8733947957 | 60k BTUH, Cased A-Coil, H/V Mnt, 24.5" | 24.5 | 30.0 | 21.0 | \$ 1,162.29 |

Bosch BVA Optional Electric Heat Kits

| Heat Kit Model | Heat Kit Part # | Air Handler Size | Electric Heat (kW) | Minimum Circuit Ampacity @ 240V (A) | Max. Fuse/Breaker (HACR) Ampacity @ 240V (A) | Fan Speed | | | | | Price (\$) |
|----------------|-----------------|------------------|--------------------|-------------------------------------|----------------------------------------------|-----------|---|---|---|---|------------|
| | | | | | | 1 | 2 | 3 | 4 | 5 | |
| EHK-05B | 7739832075 | 24 | 5 | 29.4 | 30 | | | | | | \$ 154.86 |
| EHK-08B | 7739832076 | | 7.5 | 42.4 | 45 | | | | | | \$ 195.43 |
| EHK-10B | 7739832077 | | 10 | 55.4 | 60 | | | | | | \$ 215.43 |
| EHK-05B | 7739832075 | 36 | 5 | 29.9 | 30 | | | | | | \$ 154.86 |
| EHK-08B | 7739832076 | | 7.5 | 42.9 | 45 | | | | | | \$ 195.43 |
| EHK-10B | 7739832077 | | 10 | 55.9 | 60 | | | | | | \$ 215.43 |
| EHK-15B | 7739832078 | | 15 | 55.9/26.1 | 60/30 | | | | | | \$ 350.29 |
| EHK-05B | 7739832075 | 48 | 5 | 31.8 | 35 | | | | | | \$ 154.86 |
| EHK-08B | 7739832076 | | 7.5 | 44.8 | 45 | | | | | | \$ 195.43 |
| EHK-10B | 7739832077 | | 10 | 57.8 | 60 | | | | | | \$ 215.43 |
| EHK-15B | 7739832078 | | 15 | 57.8/26.1 | 60/30 | | | | | | \$ 350.29 |
| EHK-20B | 7739832079 | | 20 | 57.8/52.1 | 60/60 | | | | | | \$ 410.86 |
| EHK-05B | 7739832075 | 60 | 5 | 31.8 | 35 | | | | | | \$ 154.86 |
| EHK-08B | 7739832076 | | 7.5 | 44.8 | 45 | | | | | | \$ 195.43 |
| EHK-10B | 7739832077 | | 10 | 57.8 | 60 | | | | | | \$ 215.43 |
| EHK-15B | 7739832078 | | 15 | 57.8/26.1 | 60/30 | | | | | | \$ 350.29 |
| EHK-20B | 7739832079 | | 20 | 57.8/52.1 | 60/60 | | | | | | \$ 410.86 |

Optional Accessories

| Part Number | Description |
|--------------|-------------------------------------------------------------------------|
| BCC100 | Bosch Connected Control Wifi & Heat Pump Smart Thermostat |
| EBSTATE5PC01 | Ecobee Smart Thermostat w/ Voice Control |
| WBA2415 | Marcell Aluminium Wall Bracket; up to 200lbs |
| ACSE2438 | Marcell Aluminum Extendable Stand 24-38"; up to 1000lbs; 17" high |
| HP32328 | Heat Pump Pad. Suitable for units sizes up to 36"x36": 8" height |
| QSTD3000 | Quick sling condenser heat pump stand. Up to 500 Lbs. 18" fixed height. |

******Contact us to obtain current pricing******

Text: 905-602-4588

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