



Bosch IDS Family of Inverter Heat Pumps

The robust Bosch Inverter Ducted Split Air Source Heat Pump system utilizes just the right amount of energy to achieve ultimate comfort at maximum efficiency while keeping sound levels to a minimum.

[BoschHeatingAndCooling.com](https://www.BoschHeatingAndCooling.com)

Invented for life



BOSCH

Bosch Inverter Drive Technology Provides Maximum Comfort, Minimum Energy!

Bosch Inverter Ducted Split Family



The Bosch Inverter Ducted Split Family provides supremely-efficient comfort by adjusting compressor capacity rather than a simple on/off control like other units, thereby reducing operating costs and saving you money. With enhanced humidity control and higher efficiency, the performance of the Bosch IDS Family provides you with maximum comfort with minimal energy usage! Our system's intelligent features work in tandem with your thermostat to automatically adjust to your preferences, while integrated sound dampening features keep the equipment quiet for your peace of mind.

15 SEER System IDS Light



- ▶ The first 15-SEER Inverter condenser on the market.
- ▶ With IDS Light, you get the comfort of our inverter system at a price point you'll love!
- ▶ This system combines the standard efficiency BOVA15 outdoor unit with our BVA15 fixed-speed air handler.

18 SEER System IDS Plus



- ▶ Our most popular system, the IDS Plus, provides the perfect balance of efficiency and comfort, without breaking the bank.
- ▶ This system combines the efficient and reliable BOVB18 outdoor unit with our exceptional BVA20 two stage constant torque ECM style air handler.

20 SEER System IDS Premium



- ▶ Qualify for maximum energy rebates and save the most on energy costs with our highest efficiency offering: IDS Premium.[◇]
- ▶ This system combines our top tier BOVA20 outdoor unit with our exceptional BVA20 two stage constant torque ECM style air handler.

20 SEER System IDS Premium Connected⁽¹⁾⁽²⁾



- ▶ Provides the same premium 20-plus SEER energy efficiency.
- ▶ Features wireless connectivity.
- ▶ The Bosch EasyAir app enables in-app product registration, simplifies installation and troubleshooting, and allows remote monitoring of energy usage as well as critical alerts.



Why Choose A Bosch IDS System

Quiet Comfort Achieved

The Bosch Inverter Ducted Split system is one of the quietest air-to-air heat pumps on the market. Through the use of silent blade technology, sound isolating mounts and outdoor condensing section placement - the system can deliver outdoor sound levels as low as 56 dBA - which is far superior to any standard system on the market.

Consume Only the Energy You Need

Modulating inverter systems deliver only the amount of hot or cool air needed to achieve the desired temperature – no more, no less. Bosch's Inverter Ducted Split system can provide you with maximum comfort levels at a minimum cost.

Fast Response

It takes traditional systems a long time to reach the homeowner's desired temperature, while the boosted compressor speed of inverter systems allows for quicker, smoother and more efficient heating and cooling.

Consistent Room Temperature

Conventional heat pumps frequently cycle on and off, resulting in uncomfortable temperature fluctuations. Inverter-driven heat pumps are able to self-adjust, providing consistent room temperature, even when the temperature outdoors dips below freezing.

Energy Use is Even and Steady

The frequent on and off of traditional units creates an in-rush current surge which uses more energy and causes unneeded wear and tear on your system. The Bosch inverter system smoothly ramps up operation, avoiding spikes in energy use and protecting the system's life-cycle.

Residential Limited Warranty[§]

With the residential limited warranty, you receive peace-of-mind knowing you will receive up to 10 years protection on parts and up to 2 years on gateway connectivity components. This standard offering covers all components incorporated into the heat pump system at the time of manufacture. All other components or parts that are purchased from Bosch and installed in the field have a 1-year parts warranty.

Premium Connected HVAC Solution⁽¹⁾⁽²⁾

Featuring wireless connectivity as well as in-app warranty registration, installation, and troubleshooting, the IDS Premium Connected provides an interactive Internet of Things (IoT) platform for contractors and homeowners. Its connected features include:

Remote Monitoring

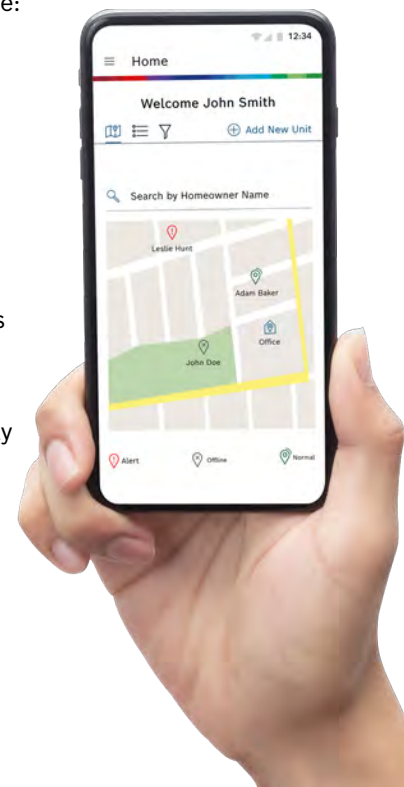
Allows contractors and homeowners to monitor data for their unit even without a communicating thermostat.

Bosch EasyAir App

Contractors can easily access the information they need to conduct on-site installation, troubleshooting, and warranty registration.



Scan QR with
Smartphone to
Download App



[§] Please go to boschheatingandcooling.com for full limited warranty details

(1) The connectivity features are only available in the U.S. (2) These features are offered for 2 years. Afterwards, certain fees may apply.



20 SEER System

**IDS Premium
Connected⁽¹⁾⁽²⁾**



Scan QR with
Smartphone to
Download App



Bosch EasyAir App

Contractor Troubleshooting Made Easy

The Bosch EasyAir app is your one-stop shop for troubleshooting the IDS Premium Connected. With just a few swipes on your phone, you can easily access information about installation, warranty registration, and how to monitor the unit remotely.



Remote Monitoring & Troubleshooting

Monitor the heat pump's health and visualize real time alerts remotely. View fault codes, live check point values and calculate superheat and subcool values that will help in troubleshooting faults quickly.



Get Notified on Systems Faults

Receive alerts on your phone right away about unit errors, warnings, and other important updates.



Manage Your Technicians

As the owner of the company or an office admin that dispatches technicians, you can add installers/technicians to your company profile and manage which homeowner units they can access.



Warranty Registration

Quickly and efficiently register products for warranty at the click of a button in the EasyAir app.

(1) The connectivity features are only available in the U.S. (2) These features are offered for 2 years. Afterwards, certain fees may apply.



Homeowners, Keep Track of Your HVAC System

Bosch EasyAir helps you to monitor your home's energy usage during those hot summer months or cold winter nights. Through the app, you can receive critical alerts directly to your phone and have your contractor information handy to get you up and running as quickly as possible.



Monitor Energy Usage

Track your monthly energy use. Read tips on how to improve efficiency and save energy.



Get Notified on Alerts

Get notified about warnings and alerts regarding your heat pump through the app.



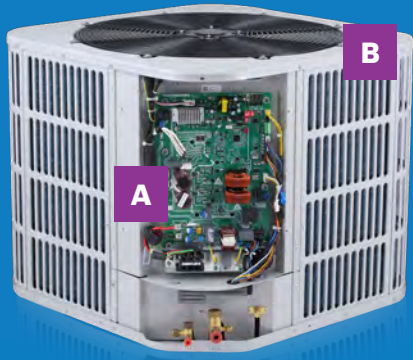
Get Help Faster

Give access to your contractor to get your issue fixed as quickly as possible. Contractor and warranty information is also available through this app.

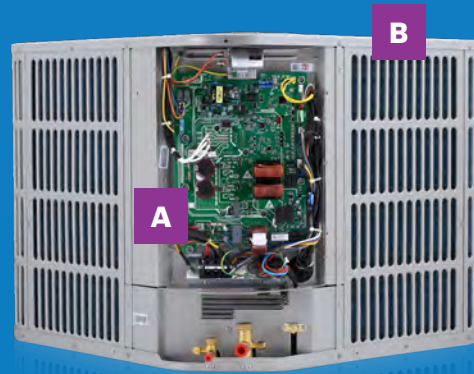
IDS Family Components Features & Benefits

What is Inverter
Technology?

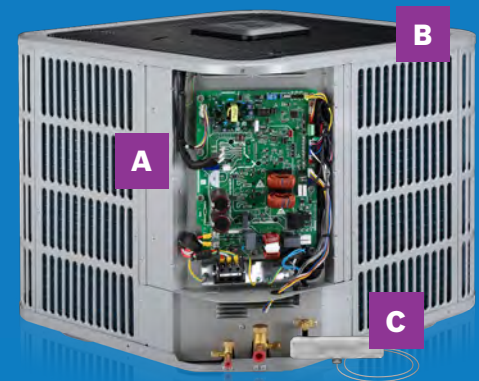
Scan to Watch Video



Bosch BOVA15
Outdoor Inverter Condenser



Bosch BOVB18
Outdoor Inverter Condenser



Bosch BOVA20 / BOVB20
High-Efficiency Outdoor Inverter Condenser

A Intelligent control features help adjust the output capacity, allowing the unit to keep the temperature at your desired level without fluctuation and to keep humidity in check during the summer months. Whether it be summer or winter, the system keeps your home comfortable and the living conditions to your desired taste. The BOVA15 condenser has a smaller unit footprint than the BOVB18 and BOVA*20 and also includes an ECM Motor for all capacities (2,3, and 5 ton).

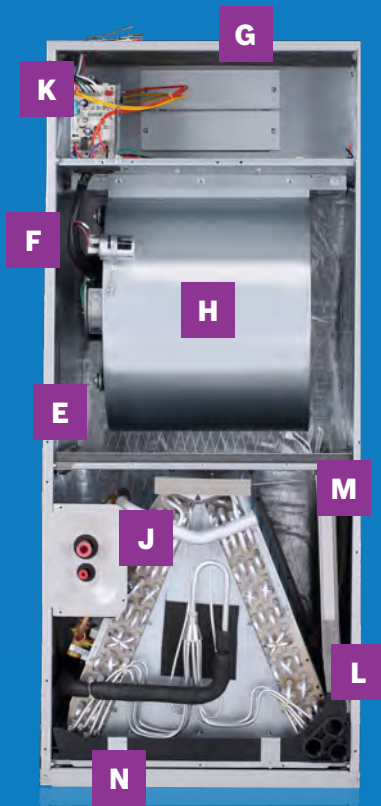
- ▶ The air coil design provides exceptional heat transfer and low air-resistance for high-efficiency operation that can help lower your energy costs.
- ▶ The direct-drive fan blades provide vortex suppression to reduce sound of airflow exiting the condensing section, thereby retaining low noise at high speed - with sound levels as low as 56 dBA for BOVB18, 59 dBA for BOVA15.
- ▶ The condensing units come standard with an electronic expansion valve (EEV) to ensure proper refrigerant flow during all conditions. This helps optimize the unit's operation to the highest efficiency possible.

B The high-efficiency variable capacity inverter compressor in the condensers can adjust to speeds ranging from 26% to 130% to perfectly cool and heat your home using minimal energy for maximum comfort.

- ▶ BOVA15 can adjust to any speed between 33% and 110% (in 1% increments).
- ▶ BOVB18 can adjust to any speed between 26% and 110% (in 1% increments).
- ▶ BOV*20 can adjust to any speed between 36% and 130%. (in 1% increments).

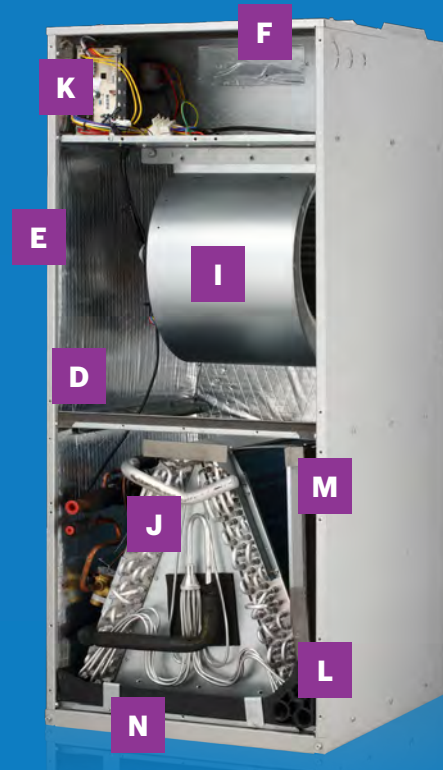
C Featuring wireless connectivity as well as in-app warranty registration, installation, and troubleshooting, the IDS Premium Connected provides an interactive Internet of Things (IoT) platform for contractors and homeowners.

Built on the foundation of the IDS Premium 20 SEER outdoor unit, the IDS Premium Connected enables connectivity features while offering the same performance and comfort as the existing model.



Bosch BVA15

Robust & Reliable Indoor Air Handler



Bosch BVA20

High-Efficiency & Reliable Indoor Air Handler

- E** Material – Foil-faced insulation material on the inner walls decreases energy loss and reduces condensation.
- F** Cabinets – Painted galvanized steel cabinet is salt spray tested for improved durability and corrosion-resistance.
- G** Electric Heat – Can accommodate electric heat with no modification to the cabinet for additional heat on-demand when you need it most.
- H** PSC style motor in the Bosch BVA15 – simple and cost-effective solution.
- I** Two-stage ECM motor in the Bosch BVA20 – Indoor blower stages up and down to provide enhanced comfort, energy savings, and superior humidity control.
- J** All-Aluminum Coil – With excellent heat transfer, efficiency, and humidity removal, the A-coil is more durable and has a lower chance of refrigerant leakage compared to typical copper coils.
- K** Control Board Pocket – A dedicated slot for the control board protects it from humidity in the airstream and extends its lifetime.
- L** Integrated Drain Pan – Made from corrosion-resistant composite material, gently sloped to reduce standing water.
- M** Drain Pan – Flexibility for VT or HZ applications.
- N** Filter Rack – Factory reserved, provides convenience for field installation and serviceability.



Before Everything, There's Bosch.

Bosch Offers Reliable Energy Efficient HVAC Products, That are Simple to Install and Support Readily Available!



Bosch Has Developed and Built The Perfect HVAC System For Your Home

Bosch IDS systems utilize just the right amount of energy to achieve ultimate comfort year after year, all while keeping sound levels to a minimum. Choose the Bosch IDS system that is right for you and enjoy our peace of mind 10 Year Bosch warranty![§]

Bosch IDS Family

- ▶ IDS Light up to 16.0 SEER | 9 HSPF
- ▶ IDS Plus up to 18.5 SEER | 9.5 HSPF
- ▶ IDS Premium up to 20.5 SEER | 10.5 HSPF
- ▶ IDS Premium Connected up to 20.5 SEER | 10.5 HSPF
- ▶ Fully-modulating inverter drive
- ▶ Sound levels as low as 56 dBA⁽¹⁾
- ▶ 8 Air handlers – 2, 3, 4, 5 Ton
- ▶ 9 Condensing units – 2, 3, 5 Ton
- ▶ Compatible with most 24 VAC thermostats
- ▶ Bosch engineering & quality
- ▶ Designed and tested to Bosch standards
- ▶ 10-year residential limited warranty[§]

Installer Friendly

- ▶ Designed for easy installation
- ▶ Intuitive controls
- ▶ Support readily available
- ▶ Spare parts readily available
- ▶ Easy to maintain and service
- ▶ On-board diagnostics
- ▶ In-app guides to assist installation⁽³⁾



IDS Portfolio Pairing

Refer to this chart below for full portfolio combination availability. In addition to the IDS Light, Plus, and Premium, we also offer other matches to maximize system flexibility.

IDS PORTFOLIO PAIRING		OUTDOOR UNIT		
		IDS LIGHT (BOVA15)	IDS PLUS (BOVB18)	PREMIUM / PREMIUM CONNECTED (BOV*20)
Indoor unit	BVA15	✓	✓	-
	BVA20	✓	✓	✓
	Cased Coil Only	-	✓	✓
	BGH96 + Cased Coil	✓	✓	✓

(1) 56 dBA sound level is based on outdoor unit. § Please go to boschheatingandcooling.com for full limited warranty details (3) only available with IDS Premium Connected

Choose the System That's Right For You

Quality engineering, quiet performance and an unbeatable warranty from Bosch delivers exceptional home comfort. Whether heating or cooling, our reliable inverter heat pumps keep homeowners comfortable by providing precise indoor temperature and humidity control. These high-efficiency, robust and quiet Inverter Ducted Split system heat pumps are available in four sizes ranging from 2 to 5 ton capacity to suit your needs. This system boasts a inverter drive which adjusts the speed of the compressor to optimize comfort, while keeping sound levels to a minimum and utilizing the right amount of energy to achieve maximum comfort.



IDS Light BOVA15 + BVA15 15 SEER System

- ▶ The first 15-SEER Inverter condenser solution on the market. With IDS Light, you get the comfort of our inverter system at a price point you'll love!
- ▶ This system combines the robust design & efficiency BOVA15 outdoor unit with our BVA15 fixed-speed air handler

IDS LIGHT BOVA15 + BVA15 AHRI 210/240 PERFORMANCE DATA

OUTDOOR UNIT MODEL	INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	LOW	
BOVA-24HDN1-M15G	BVA-24WN1-M15	24000	11.2	15.5	24000	9.0	20000	830
BOVA-36HDN1-M15G	BVA-24WN1-M15	24000	11.8	16.0	24000	9.0	20500	830
BOVA-36HDN1-M15G	BVA-36WN1-M15	34200	10.4	15.0	35000	9.0	25000	1220
BOVA-60HDN1-M15G	BVA-48WN1-M15	46500	11.2	15.0	48000	9.0	38000	1530
BOVA-60HDN1-M15G	BVA-60WN1-M15	50000	10.2	15.0	56000	9.0	40500	1810



IDS Plus BOVB18 + BVA20 18 SEER System

- ▶ The IDS Plus provides the perfect balance of efficiency and comfort, without breaking the bank.
- ▶ This system combines the BOVB18 outdoor unit with our exceptional BVA20 two stage constant torque ECM style air handler.

IDS PLUS BOVB18 + BVA20 AHRI 210/240 PERFORMANCE DATA

OUTDOOR UNIT MODEL	INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	LOW	
BOVB-36HDN1-M18M	BVA-24WN1-M20	24000	13	18.5	24000	9.5	21600	860/680
BOVB-36HDN1-M18M	BVA-36WN1-M20	34200	10.8	17.5	34200	9	25000	1150/820
BOVB-60HDN1-M18M	BVA-36WN1-M20	35200	12.5	18.5	35200	10.5	24000	1150/820
BOVB-60HDN1-M18M	BVA-48WN1-M20	47000	12.5	18.5	46500	9.5	38000	1530/1150
BOVB-60HDN1-M18M	BVA-60WN1-M20	56000	10.8	17.5	55000	9.5	40500	1750/1350



IDS Premium / Premium Connected BOV*20 + BVA20 20 SEER System

- ▶ Qualify for maximum energy rebates and save the most on energy costs with our highest efficiency: IDS Premium.◊
- ▶ This system combines our top tier BOV*20 outdoor unit with our exceptional BVA20 two stage constant torque ECM style air handler.

IDS PREMIUM BOV*20 + BVA20 AHRI 210/240 PERFORMANCE DATA

OUTDOOR UNIT MODEL	INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	LOW	
BOV*-36HDN1-M20G	BVA-24WN1-M20	24000	14	20.5	24000	10.5	23000	860/680
BOV*-36HDN1-M20G	BVA-36WN1-M20	34600	12.5	20	34200	10.5	28000	1150/820
BOV*-60HDN1-M20G	BVA-48WN1-M20	47500	13.5	20	48000	10.5	40000	1530/1150
BOV*-60HDN1-M20G	BVA-60WN1-M20	54500	12.5	19	56000	10.5	44000	1750/1350

Blue Text = ENERGY STAR Certified. (3) Energy Efficiency Ratio; Certified per AHRI 210/240. (4) Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240. (5) HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240. Note: Always check the rating plate for electrical data on the unit being installed. The listed data is for reference only. Please consult boschheatingandcooling.com for further details. ◊ Visit BoschHeatingAndCooling.com to find the available efficiency rebates in your area.

“Bosch is the leading source of high-quality heating, cooling and hot water systems and that’s why I am only installing Bosch products on my next projects”

– MIKE HOLMES

The Bosch IDS Family was designed for homeowners that want a reliable HVAC system, that will produce exceptional and efficient heating and cooling year round backed with a 10 Year warranty.[§]





Be Comfortable Every Season!

The Complete & Highly Efficient Dual Fuel Heating and Cooling System For Your Home

The ideal solution to maximize comfort & efficiency



A BOVA15, BOVB18, or BOV*20 Outdoor Unit*

The robust Bosch Inverter Ducted Split Air Source Heat Pump system utilizes just the right amount of energy to achieve ultimate comfort and maximum efficiency while keeping sound levels to a minimum. Choose between the BOVA15, BOVB18, or BOV*20 for maximum efficiency.



C Bosch BGH96 96% Furnace*

The BGH96 Gas Furnace offers up to 96% efficiency, a two-stage gas valve, and a multi-speed blower. This ENERGY STAR rated furnace offers premium comfort and energy savings, it is the perfect solution to efficiently heat your home.



B Bosch BMAC Cased Coil*

The Inverter Ducted Split Cased Coil, when paired with a Bosch Furnace and IDS outdoor condensing section, delivers some of the best comfort levels and efficiency on the market today. Bosch offers a complete range of cased coils to fit your needs.



D Bosch BCC100 Wi-fi Thermostat*

The BCC100 is a sleek, internet-connected thermostat that offers easy all-in-one control for your heating and cooling systems. It can be controlled using the Bosch Connected Control app and is compatible with most 24VAC HVAC equipment on the market.

* Products sold separately

Bosch IDS Dual Fuel Options

Bosch offers a complete dual fuel heating and cooling system for your home. Dual fuel systems are the ideal solution to maximize comfort and efficiency. In the summer, the Bosch IDS efficiently cools and dehumidifies your home. In the shoulder seasons, the IDS system will provide the exact amount of heating or cooling that your home requires -- no more, no less. In the colder months, the system senses when it is more economical for the heat pump to shut off and the Bosch BGH96 gas furnace to take over. Installing a Bosch matched dual fuel system is the best choice to optimize both savings and comfort.

With 96% AFUE heating efficiency, the Bosch BGH96 Furnace is the perfect solution to efficiently heat your home. The multipoise design makes it even easier to replace your existing equipment or install in your new house. You can also integrate the Bosch BGH96 Furnace with Bosch's IDS Outdoor Units and Cased Coils for a complete and highly efficient heating and cooling system. Between ease of installation, integration and troubleshooting, this Bosch Furnace offers convenience and peace of mind.

**BGH96
Product
Brochure**



Scan or Click QR



BOVA15 OUTDOOR UNIT + BMAC CASED COIL + BGH96 FURNACE AHRI 210/240 PERFORMANCE DATA										
SYSTEM TONNAGE	OUTDOOR UNIT MODEL	CASED COIL MODEL	PAIRING FURNACES	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
				TOTAL	EER ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	LOW	
2	BOVA-24HDN1-M15G	BMAC2430ANTD	BGH96M060B3B	23600	11.5	16.5	24000	9	17600	720/630
	BOVA-24HDN1-M15G	BMAC2430ANTD	BGH96M080B3B	23600	11.5	16.5	24000	9	17600	700/610
	BOVA-24HDN1-M15G	BMAC2430BNTD	BGH96M060B3B	24000	11.5	16.5	24000	9	17600	720/630
	BOVA-24HDN1-M15G	BMAC2430BNTD	BGH96M080B3B	24000	11.5	16.5	24000	9	17600	700/610
3	BOVA-36HDN1-M15G	BMAC3036ANTD	BGH96M060B3B	33000	10	16.5	34200	8.8	23000	1000/750
	BOVA-36HDN1-M15G	BMAC3036ANTD	BGH96M080B3B	33000	10	16.5	34200	8.8	23000	1000/750
	BOVA-36HDN1-M15G	BMAC3036BNTD	BGH96M060B3B	33600	10	16.5	34200	8.8	23000	1050/770
	BOVA-36HDN1-M15G	BMAC3036BNTD	BGH96M080B3B	33600	10	16.5	34200	8.8	23000	1050/770
	BOVA-36HDN1-M15G	BMAC3036CNTD	BGH96M080C4B	33600	10	16.5	34200	8.8	23000	1030/750
	BOVA-36HDN1-M15G	BMAC3036CNTD	BGH96M100C5B	34000	10	16.5	34200	8.8	23000	1150/750
4	BOVA-60HDN1-M15G	BMAC4248BNTF	BGH96M080B3B	43000	10	16.5	45000	8.8	31000	1250/1050
	BOVA-60HDN1-M15G	BMAC4248CNTF	BGH96M080C4B	43000	10.5	16.5	45000	8.8	31000	1250/1050
	BOVA-60HDN1-M15G	BMAC4248CNTF	BGH96M100C5B	45000	10.5	16.5	46500	8.8	32000	1470/1200
	BOVA-60HDN1-M15G	BMAC4248DNTF	BGH96M100D5B	45500	10.5	16.5	47000	8.8	32000	1500/1200
	BOVA-60HDN1-M15G	BMAC4248DNTF	BGH96M120D5B	45500	10.5	16.5	47000	8.8	32000	1500/1200
5	BOVA-60HDN1-M15G	BMAC4860CNTF	BGH96M100C5B	53000	9.5	16	53500	9	38000	1660/1150
	BOVA-60HDN1-M15G	BMAC4860DNTF	BGH96M100D5B	53500	10	16.5	54000	9	38000	1700/1200
	BOVA-60HDN1-M15G	BMAC4860DNTF	BGH96M120D5B	53500	10	16.5	54000	9	38000	1700/1200

(3) Energy Efficiency Ratio; Certified per AHRI 210/240. (4) Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240. (5) HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240. Note: Always check the rating plate for electrical data on the unit being installed. The listed data is for reference only. Please consult boschheatingandcooling.com for further details. NOTICE: Bosch's BGH96 96% Furnace is not to be sold or installed in the State of California in the South Coast Air Quality Management District or San Joaquin Valley Air Basin territory.

About Bosch

Bosch Group

The Bosch Group is a leading global supplier of technology and services in the areas of Automotive, Industrial Technology, Consumer Goods and Building Technology. The company was founded in Stuttgart, Germany, in 1886 and presently has more than 440 subsidiaries and is represented in over 150 countries.

In the U.S., Canada and Mexico, the Bosch Group manufactures and markets automotive original equipment and aftermarket solutions, industrial drives and control technology, power tools, security and communication systems, packaging technology, thermotechnology, household appliances and software solutions. The Bosch Group's products and services are designed to improving quality of life by providing innovative and beneficial solutions. In this way, the company offers technology worldwide that is "Invented for life." Additional information is available online at boschheatingandcooling.com and bosch.ca.

Bosch Thermotechnology in North America

Bosch Thermotechnology is a leading source of high quality water heating and comfort systems. The company offers gas tankless, electric whole house and point-of-use water heaters, Bosch and Buderus floor-standing and wall mounted boilers, Bosch and FHP geothermal, water-source and air-source systems as well as controls and accessories for all product lines. Bosch Thermotechnology is committed to being Simply Smart by offering products that work together as integrated systems that enhance quality of life in an ultra-efficient and environmentally friendly manner. For more information, visit boschheatingandcooling.com.



Bosch Thermotechnology Corp.
Watertown, MA | Londonderry, NH | Ft. Lauderdale, FL
General Inquiries: 1-866-642-3198

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