



**BOSCH**

Invented for life

## Bosch IDS Family of Inverter Heat Pumps

### Inverter Ducted Split Family

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.





# 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 minimum 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 units nice and quiet for your peace of mind.

### IDS Light

15 SEER System



- ▶ With IDS Light, you get the benefits of our inverter system at a price point you'll love!
- ▶ This system combines the efficient and reliable BOVB18 outdoor unit with our lower price point BVA15 PSC style air handler.

### IDS Plus

18 SEER System



- ▶ Our most popular system, the IDS Plus, provides the perfect balance of efficiency and comfort, while not breaking the bank.
- ▶ This system combines the efficient and reliable BOVB18 outdoor unit with our exceptional BVA20 two stage x13 ECM style air handler.

### IDS Premium

20 SEER System



- ▶ 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 x13 ECM style air handler.



## Why Choose the Bosch IDS

### 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.

### 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.

### 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.

### Intelligent Control

The system will adjust the output capacity to match your ideal temperature requirements.

### 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.

### 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<sup>§</sup>

With the residential limited warranty, you receive peace-of-mind knowing you will receive replacement parts protection for up to 10 years. 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.

§ Please go to [boschheatingandcooling.com](http://boschheatingandcooling.com) for full limited warranty details

# IDS Family Components

## Features & Benefits



### Bosch BOVB18

Outdoor Inverter Condensing Section



### Bosch BOVA20

High-Efficiency Outdoor Inverter Condensing Section

**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 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.
- ▶ The condensing units come standard with an electronic expansion valve (EEV) to ensure proper refrigerant flow during all conditions in order to optimize the unit's operation to the highest efficiency possible.

**B** The high-efficiency variable capacity inverter compressor in the Bosch BOVB18 can adjust to any speed between 26% and 110% (in 1% increments), to perfectly cool and heat your home using minimal energy for maximum comfort.

**C** The high-efficiency variable capacity inverter compressor in the Bosch BOVA20 can adjust to any speed between 36% and 130% (in 1% increments), to perfectly cool and heat your home using minimal energy for maximum comfort.

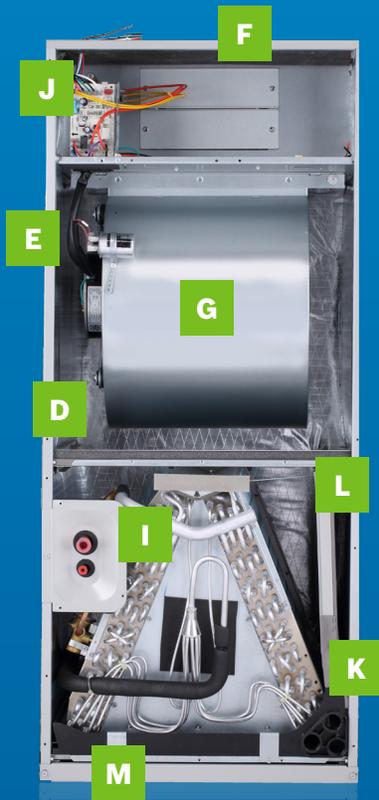
## IDS Family Pairings

**4 Components = 3 Different Systems**

BOVB18 + BVA15 = **IDS Light 15 SEER System**

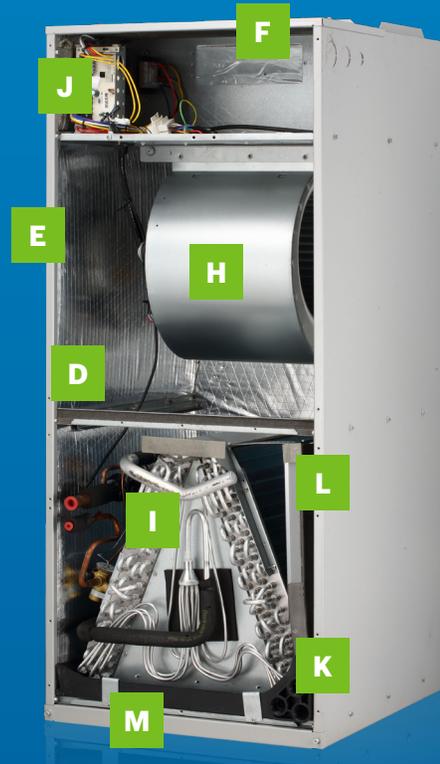
BOVB18 + BVA20 = **IDS Plus 18 SEER System**

BOVA20 + BVA20 = **IDS Premium 20 SEER System**



## Bosch BVA15

Robust & Reliable Indoor Air Handler



## Bosch BVA20

High-Efficiency & Reliable Indoor Air Handler

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



**BoschHeatingAndCooling.com**

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 Family

- ▶ IDS Light up to 16 SEER | 9 HSPF
- ▶ IDS Plus up to 18.5 SEER | 9.5 HSPF
- ▶ IDS Premium up to 20.5 SEER | 10.5 HSPF
- ▶ Fully-modulating inverter drive
- ▶ Sound levels as low as 56 dBA<sup>(1)</sup>
- ▶ 8 Air handlers – 2, 3, 4, 5 Ton
- ▶ 4 Condensing units – 3 and 5 Ton
- ▶ Compatible with most 24 VAC thermostats
- ▶ Bosch engineering & quality
- ▶ Designed and tested to Bosch standards
- ▶ 10-year residential limited warranty<sup>§</sup>

## Installer Friendly

- ▶ Designed for easy installation
- ▶ Intuitive controls
- ▶ Support readily available
- ▶ Spare parts readily available
- ▶ Easy to maintain and service
- ▶ On-board diagnostics



Bosch IDS systems utilizes 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!<sup>§</sup>

(1) 56 dBA sound level is based on outdoor unit. § Please go to [boschheatingandcooling.com](http://boschheatingandcooling.com) for full limited warranty details

# Choose the System That's Right For You

## Bosch Inverter Technology at a Price Point You'll Love

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 BOVB18 + BVA15 15 SEER System

- ▶ With IDS Light, you get the benefits of our inverter system at a price point you'll love!
- ▶ This system combines the efficient & reliable BOVB18 outdoor unit with our lower price point BVA15 PSC style air handler.

#### IDS LIGHT BOVB18 + BVA15 AHRI 210/240 PERFORMANCE DATA

OUTDOOR UNIT MODEL	INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	LOW	
BOVB-36HDN1-M18M	BVA-24WN1-M15	24000	11.8	16	24000	9	21200	850
BOVB-36HDN1-M18M	BVA-36WN1-M15	33600	10.4	15	35000	9	25000	1210
BOVB-60HDN1-M18M	BVA-48WN1-M15	47000	11.2	15.5	48000	9	38000	1510
BOVB-60HDN1-M18M	BVA-60WN1-M15	55000	10.2	15	56000	9	40500	1830



### IDS Plus BOVB18 + BVA20 18 SEER System

- ▶ The IDS Plus, provides the perfect balance of efficiency and comfort, while not breaking the bank.
- ▶ This system combines the BOVB18 outdoor unit with the our exceptional BVA20 two stage x13 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 <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	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 BOVA20 + BVA20 20 SEER System

- ▶ Qualify for maximum energy rebates, and save the most on energy costs with our highest efficiency offering: IDS Premium.º
- ▶ This system combines our top tier BOVA20 outdoor unit with the our exceptional BVA20 two stage x13 ECM style air handler.

#### IDS PREMIUM BOVA20 + BVA20 AHRI 210/240 PERFORMANCE DATA

OUTDOOR UNIT MODEL	INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	LOW	
BOVA-36HDN1-M20G	BVA-24WN1-M20	24000	14	20.5	24000	10.5	23000	860/680
BOVA-36HDN1-M20G	BVA-36WN1-M20	34600	12.5	20	34200	10.5	28000	1150/820
BOVA-60HDN1-M20G	BVA-48WN1-M20	47500	13.5	20	48000	10.5	40000	1530/1150
BOVA-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. º Visit BoschHeatingAndCooling.com to find the available efficiency rebates in your area.

**“The first thing that comes to mind when I think of Bosch is quality, reliability and comfort, plus they offer the best systems on the market!”**

Barry C. Owner, Comfort Technology, Braintree, MA



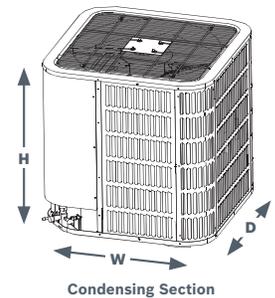
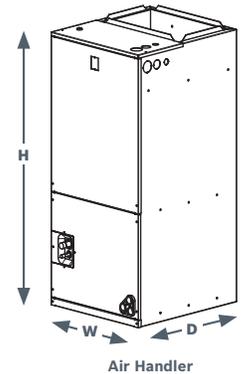
The Bosch IDS Family was designed for homeowners that want a reliable HVAC system, that will produce exceptional and efficient heating and cooling year round backed with a 10 Year warranty.<sup>§</sup>



## System & Technical Information

### BOSCH IDS FAMILY DESCRIPTION & DIMENSIONS<sup>§</sup>

MODEL NUMBER	DESCRIPTION	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
<b>BOVB18 OUTDOOR CONDENSING SECTION</b>					
<b>NEW</b> BOVB-36HDN1-M18M	36 kBTU/hr (3 ton)	8733955036	29.125	24.9375	29.125
<b>NEW</b> BOVB-60HDN1-M18M	60 kBTU/hr (5 ton)	8733955037	29.125	33.1875	29.125
<b>BVA15 INDOOR AIR HANDLER</b>					
<b>NEW</b> BVA-24WN1-M15	24 kBTU/hr (2 ton)	8733955038	19.625	46.5	21.625
<b>NEW</b> BVA-36WN1-M15	36 kBTU/hr (3 ton)	8733955039	19.625	46.5	21.625
<b>NEW</b> BVA-48WN1-M15	48 kBTU/hr (4 ton)	8733955040	22.0	54.5	24.0
<b>NEW</b> BVA-60WN1-M15	60 kBTU/hr (5 ton)	8733955041	22.0	54.5	24.0
<b>BOVA20 OUTDOOR CONDENSING SECTION</b>					
BOVA-36HDN1-M20G	36 kBTU/hr (3 ton)	8733952437	29.125	24.9375	29.125
BOVA-60HDN1-M20G	60 kBTU/hr (5 ton)	8733952438	29.125	33.1875	29.125
<b>BVA20 INDOOR AIR HANDLER</b>					
BVA-24WN1-M20	24 kBTU/hr (2 ton)	8733952439	19.625	46.5	21.625
BVA-36WN1-M20	36 kBTU/hr (3 ton)	8733952440	19.625	46.5	21.625
BVA-48WN1-M20	48 kBTU/hr (4 ton)	8733952441	22.0	54.5	24.0
BVA-60WN1-M20	60 kBTU/hr (5 ton)	8733952442	22.0	54.5	24.0



### IDS FAMILY FIELD INSTALLED ELECTRIC HEAT KITS

MODEL NUMBER	PART NUMBER	DESCRIPTION
EHK-05B	7739832075	5 kW Electric Strip Heater
EHK-08B	7739832076	7.5 kW Electric Strip Heater
EHK-10B	7739832077	10 kW Electric Strip Heater
EHK-15B	7739832078	15 kW Electric Strip Heater
EHK-20B	7739832079	20 kW Electric Strip Heater

(D)Dimensions in inches § Please go to [boschheatingandcooling.com](http://boschheatingandcooling.com) for full limited warranty details





# Be Comfortable Every Season!

## The Complete & Highly Efficient Dual Fuel Heating and Cooling System

Dual fuel systems are the ideal solution to maximize comfort & efficiency



### A Bosch BOVB18 or BOVA20 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 BOVB18 or the BOVA20 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.

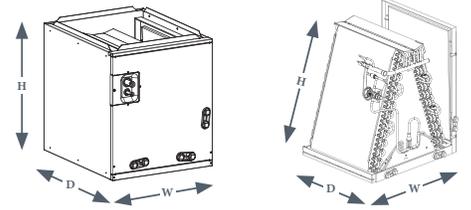
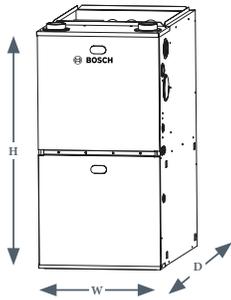


BOVB18 OUTDOOR UNIT + BMAC CASED COIL + BGH96 FURNACE AHRI 210/240 PERFORMANCE DATA										
SYSTEM TONNAGE	OUTDOOR UNIT MODEL	CASED COIL MODEL	PAIRING FURNACES	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
				TOTAL	EER <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	LOW	
2	BOVB-36HDN1-M18M	BMAC2430ANTD	BGH96M060B3A	23600	12.5	18	24000	9.5	17200	820/630
	BOVB-36HDN1-M18M	BMAC2430ANTD	BGH96M080B3A	23600	12.5	18	24000	9.5	17200	800/580
	BOVB-36HDN1-M18M	BMAC2430BNTD	BGH96M060B3A	24000	12.5	18	24000	9.5	17200	860/680
	BOVB-36HDN1-M18M	BMAC2430BNTD	BGH96M080B3A	24000	12.5	18	24000	9.5	17200	840/630
3	BOVB-36HDN1-M18M	BMAC3036ANTD	BGH96M060B3A	33000	10.5	16.5	34200	9	22600	1050/800
	BOVB-36HDN1-M18M	BMAC3036ANTD	BGH96M080B3A	33000	10.5	16.5	34200	9	22600	1020/800
	BOVB-36HDN1-M18M	BMAC3036BNTD	BGH96M060B3A	33600	10.6	16.5	34200	9	23000	1100/850
	BOVB-36HDN1-M18M	BMAC3036BNTD	BGH96M080B3A	33600	10.6	16.5	34200	9	23000	1070/850
	BOVB-36HDN1-M18M	BMAC3036CNTD	BGH96M080C4A	34000	10.6	16.5	34200	9	23000	1050/820
	BOVB-36HDN1-M18M	BMAC3036CNTD	BGH96M100C5A	34000	10.6	16.5	34200	9	23000	1150/750
4	BOVB-60HDN1-M18M	BMAC4248BNTF	BGH96M080B3A	43000	10.5	17.5	45500	9	31000	1250/1050
	BOVB-60HDN1-M18M	BMAC4248CNTF	BGH96M080C4A	43000	11	18	45500	9	31000	1250/1050
	BOVB-60HDN1-M18M	BMAC4248CNTF	BGH96M100C5A	45000	11.2	18	47000	9	31400	1450/1150
	BOVB-60HDN1-M18M	BMAC4248DNTF	BGH96M100D5A	45500	11.2	18	47000	9	32000	1500/1200
	BOVB-60HDN1-M18M	BMAC4248DNTF	BGH96M120D5A	45500	11.2	18	47000	9	32000	1500/1200
5	BOVB-60HDN1-M18M	BMAC4860CNTF	BGH96M100C5A	52500	10	17	53500	9.5	37000	1450/1150
	BOVB-60HDN1-M18M	BMAC4860DNTF	BGH96M100D5A	53000	10.5	17.5	54000	9.5	38000	1500/1200
	BOVB-60HDN1-M18M	BMAC4860DNTF	BGH96M120D5A	53000	10.5	17.5	54000	9.5	38000	1500/1200

BOVA20 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 <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	LOW	
2	BOVA-36HDN1-M20G	BMAC2430ANTD	BGH96M060B3A	24000	13	18.5	24000	10	18000	820/630
	BOVA-36HDN1-M20G	BMAC2430ANTD	BGH96M080B3A	24000	13	18.5	24000	10	18000	800/580
	BOVA-36HDN1-M20G	BMAC2430BNTD	BGH96M060B3A	24000	13.5	19	24000	10	19000	860/680
	BOVA-36HDN1-M20G	BMAC2430BNTD	BGH96M080B3A	24000	13.5	19	24000	10	19000	840/630
3	BOVA-36HDN1-M20G	BMAC3036ANTD	BGH96M060B3A	32200	11.2	17	34000	10	25000	1050/800
	BOVA-36HDN1-M20G	BMAC3036ANTD	BGH96M080B3A	32200	11.2	17	34000	10	25000	1020/800
	BOVA-36HDN1-M20G	BMAC3036BNTD	BGH96M060B3A	33000	11.6	17.5	34200	10	25000	1100/850
	BOVA-36HDN1-M20G	BMAC3036BNTD	BGH96M080B3A	33000	11.6	17.5	34200	10	25000	1070/850
	BOVA-36HDN1-M20G	BMAC3036CNTD	BGH96M080C4A	33600	12	18	34200	10	25000	1050/820
	BOVA-36HDN1-M20G	BMAC3036CNTD	BGH96M100C5A	33600	12	18	34200	10	25000	1150/750
	BOVA-36HDN1-M20G	BMAC4248BNTF	BGH96M080B3A	33000	12.5	18.5	34200	10	26000	1000/850
	BOVA-36HDN1-M20G	BMAC4248CNTF	BGH96M100C5A	33000	12.5	18.5	34200	10	26000	1100/800
4	BOVA-60HDN1-M20G	BMAC4248BNTF	BGH96M080B3A	43000	11.2	18	45000	9.5	34000	1250/1050
	BOVA-60HDN1-M20G	BMAC4248CNTF	BGH96M080C4A	44000	12	18.5	46000	10	35000	1250/1050
	BOVA-60HDN1-M20G	BMAC4248CNTF	BGH96M100C5A	45000	12.5	18.5	46500	10	35000	1450/1150
	BOVA-60HDN1-M20G	BMAC4248DNTF	BGH96M100D5A	45500	12.5	18.5	47000	10	35000	1500/1200
	BOVA-60HDN1-M20G	BMAC4248DNTF	BGH96M120D5A	45500	12.5	18.5	47000	10	35000	1500/1200
5	BOVA-60HDN1-M20G	BMAC4860CNTF	BGH96M100C5A	52000	12	18	53500	10	37000	1450/1150
	BOVA-60HDN1-M20G	BMAC4860DNTF	BGH96M100D5A	52000	12.5	18.5	54000	10	38000	1500/1200
	BOVA-60HDN1-M20G	BMAC4860DNTF	BGH96M120D5A	52000	12.5	18.5	54000	10	38000	1500/1200

(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](http://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.

# System & Technical Information



BGH96 FURNACE DIMENSIONS <sup>®</sup>				
MODEL NUMBER	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BGH96M060B3A	7-738-006-496	17.5	33-3/4	28-1/2
BGH96M080B3A	7-738-006-497			
BGH96M080C4A	7-738-006-498	21		
BGH96M100C5A	7-738-006-499			
BGH96M100D5A	7-738-006-500	24.5		
BGH96M120D5A	7-738-006-501			

BMAC CASED COIL DIMENSIONS <sup>®</sup>		CASED			UNCASED		
MODEL NUMBER	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BMAC2430ANTD	8733947947	14.5	20.0	21.0	13.375	15.625	20.5
BMAC2430BNTD	8733947948	17.5	20.0	21.0	16.375	15.375	20.5
BMAC3036ANTD	8733947950	14.5	20.0	21.0	13.375	15.625	20.5
BMAC3036BNTD	8733947951	17.5	20.0	21.0	16.375	15.375	20.5
BMAC3036CNTD	8733947952	21.0	20.0	21.0	19.875	15.25	20.5
BMAC4248BNTF	8733947953	17.5	30.0	21.0	16.375	26.88	21.0
BMAC4248CNTF	8733947954	21.0	30.0	21.0	19.875	26.8	21.0
BMAC4248DNTF	8733947955	24.5	30.0	21.0	23.625	26.6	21.0
BMAC4860CNTF	8733947956	21.0	30.0	21.0	19.875	27.0	21.0
BMAC4860DNTF	8733947957	24.5	30.0	21.0	23.625	26.8	21.0

\*Uncased Coil Dimensions are shown for reference should the casing be removed in the field.

BOVB18 OUTDOOR UNIT + BMAC CASED COIL ONLY AHRI 210/240 PERFORMANCE DATA								
OUTDOOR UNIT MODEL	CASED COIL MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	LOW	
BOVB-36HDN1-M18M	BMAC2430ANTD	23400	11.5	15	24000	9	17200	700
BOVB-36HDN1-M18M	BMAC2430BNTD	23400	11.5	15	24000	9	17200	700
BOVB-36HDN1-M18M	BMAC3036ANTD	32000	10	14.5	35000	9	22000	900
BOVB-36HDN1-M18M	BMAC3036BNTD	32400	10	14.5	35000	9	23000	1000
BOVB-36HDN1-M18M	BMAC3036CNTD	32400	10	14.5	35000	9	23000	1000
BOVB-36HDN1-M18M	BMAC4248BNTF	32400	10	15	35000	9	23000	1000
BOVB-36HDN1-M18M	BMAC4248CNTF	32400	10	15	35000	9	23000	1000
BOVB-60HDN1-M18M	BMAC4248BNTF	44500	11	16	45500	9.5	31000	1150
BOVB-60HDN1-M18M	BMAC4248CNTF	46000	11	16	47000	9.5	32000	1300
BOVB-60HDN1-M18M	BMAC4248DNTF	46000	11	16	48000	9.5	32000	1400
BOVB-60HDN1-M18M	BMAC4860CNTF	54000	10.5	16	55500	9.5	32000	1300
BOVB-60HDN1-M18M	BMAC4860DNTF	55000	10.5	16	56000	9.5	39000	1500

BOVA20 OUTDOOR UNIT + BMAC CASED COIL ONLY AHRI 210/240 PERFORMANCE DATA								
OUTDOOR UNIT MODEL	CASED COIL MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER <sup>(3)</sup>	SEER <sup>(4)</sup>	HI	HSPF <sup>(5)</sup>	LOW	
BOVA-36HDN1-M20G	BMAC2430ANTD	23400	11.8	16	23400	9.5	18000	750
BOVA-36HDN1-M20G	BMAC2430BNTD	23600	11.8	16	23800	9.5	18000	800
BOVA-36HDN1-M20G	BMAC3036ANTD	32000	10.8	16	33600	9.5	22000	900
BOVA-36HDN1-M20G	BMAC3036BNTD	32400	11.2	16	33800	9.5	23000	1000
BOVA-36HDN1-M20G	BMAC3036CNTD	32600	11.4	16	34000	9.5	23000	1050
BOVA-36HDN1-M20G	BMAC4248BNTF	33000	11.2	16	33800	9.5	24000	1000
BOVA-36HDN1-M20G	BMAC4248CNTF	33200	11.2	16	34200	9.5	24000	1050
BOVA-36HDN1-M20G	BMAC4248DNTF	33400	11.2	16	34200	9.5	24000	1100
BOVA-60HDN1-M20G	BMAC4248BNTF	43000	11.2	16	45500	9.5	31400	1200
BOVA-60HDN1-M20G	BMAC4248CNTF	44000	11.8	16	46500	9.5	32000	1350
BOVA-60HDN1-M20G	BMAC4248DNTF	45000	11.8	16	47500	9.5	32000	1450
BOVA-60HDN1-M20G	BMAC4860CNTF	55000	10.5	16	55500	9.5	38000	1350
BOVA-60HDN1-M20G	BMAC4860DNTF	56000	10.5	16	56000	9.5	39000	1500

(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.  
(D) Dimensions in inches

# 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](http://boschheatingandcooling.com) and [bosch.ca](http://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](http://boschheatingandcooling.com).

## Bosch Water-Source Heat Pumps: Made in the U.S.A.

Bosch and FHP water-source and geothermal heat pumps are made by highly trained and skilled workers in our factory based in Fort Lauderdale, Florida. They are manufactured with rigorous standards and factory testing ensuring high efficient operation over the life of the unit. Bosch's ISO 9001 and ISO 14001 certified facilities provide consistent quality in every unit built.



Heating



Cooling



Hot Water



Controls