



BOSCH

Invented for life

Bosch Heating & Cooling Comfort Solutions Catalog

2021 Wholesale

Product Catalog & Price Book

Bosch Thermotechnology is a leading source of high-quality heating and cooling systems, including tankless, point-of-use and electric water heaters, floor-standing and wall-hung boilers, Bosch and FHP geothermal, water-source and air-source heat pump systems as well as controls and accessories for every product line.



USD & CAD Prices Effective May 24, 2021

**BOSCH**

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About Bosch

We Think Comfort is Best When it's Effortless

That's why, at Bosch Thermotechnology, we work hard to bring you the highest quality heating and cooling systems. We build every one of our products to be reliable and user-friendly, so you can go ahead and forget we're even here. That's invisible comfort – the kind you feel, but never have to think about.

About Bosch Thermotechnology Corp.

Bosch Thermotechnology Corp. is a leading source of high quality heating, cooling and hot water systems. The Company offers Bosch tankless, point-of-use and electric water heaters, Bosch and Buderus floor-standing and wall-hung boilers, Bosch and FHP water-source, geothermal and air-source heat pump systems, as well as controls and accessories for every product line.

Bosch Thermotechnology is committed to reinventing energy efficiency by offering smart products that work together as integrated systems that enhance quality of life in an ultra-efficient and environmentally friendly manner.

Bosch strives to bring the most energy-efficient and environmentally responsible products to global consumers. In delivering the best products at affordable prices to our markets, Bosch has established multiple collaborations and joint ventures on a global scale to bring the latest technologies to North America. All global manufacturing facilities must adhere to stringent quality standards in order to provide the trusted Bosch brand.

About Bosch

The Bosch Group is a leading global supplier of technology and services. It employs roughly 395,000 associates worldwide (as of December 31, 2020). The company generated sales of 71.5 billion euros in 2020. Its operations are divided into four business sectors: Mobility Solutions, Industrial Technology, Consumer Goods, and Energy and Building Technology. As a leading IoT provider, Bosch offers innovative solutions for smart homes, Industry 4.0, and connected mobility. Bosch is pursuing a vision of mobility that is sustainable, safe, and exciting. It uses its expertise in sensor technology, software, and services, as well as its own IoT cloud, to offer its customers connected, cross-domain solutions from a single source. The Bosch Group's strategic objective is to facilitate connected living with products and solutions that either contain artificial intelligence (AI) or have been developed or manufactured with its help. Bosch improves quality of life worldwide with products and services that are innovative and spark enthusiasm. In short, Bosch creates technology that is "Invented for life."

Before Everything, There's Bosch.

Simple. Reliable. Innovative.



Bosch is a Comfort Solutions Provider for Residential & Commercial Applications

We welcome you to join us in providing comfort you can feel, but never have to think about!



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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



BOVB18



BVA15

- ▶ 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



BOVB18



BVA20

- ▶ 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



BOVA20



BVA20

- ▶ 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

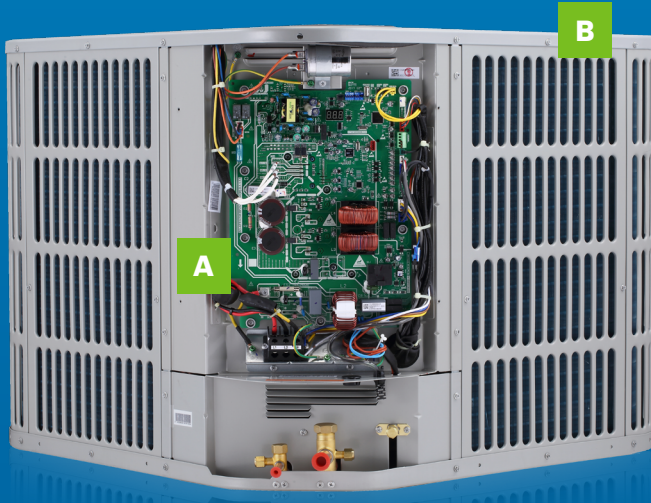
The frequent on and off of traditional units creates an in-rush current surge which uses more energy and causes unneeded wear and tear on your system. The Bosch inverter system smoothly ramps up operation, avoiding spikes in energy use and protecting the system's life-cycle.

Residential Limited Warranty[§]

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.

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.

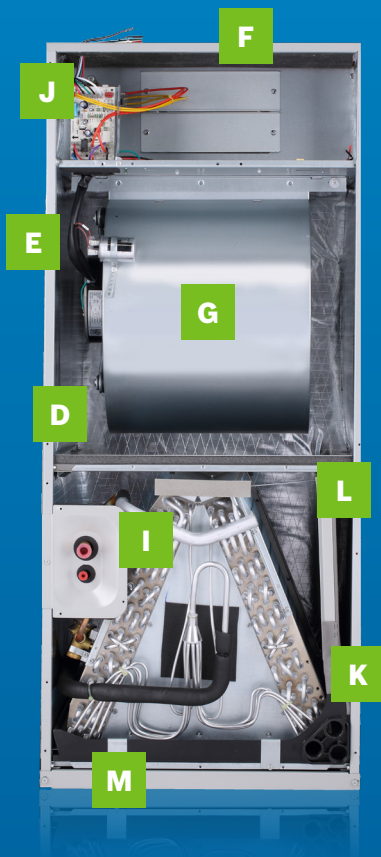
IDS Family Pairings

4 Components = 3 Different Systems

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

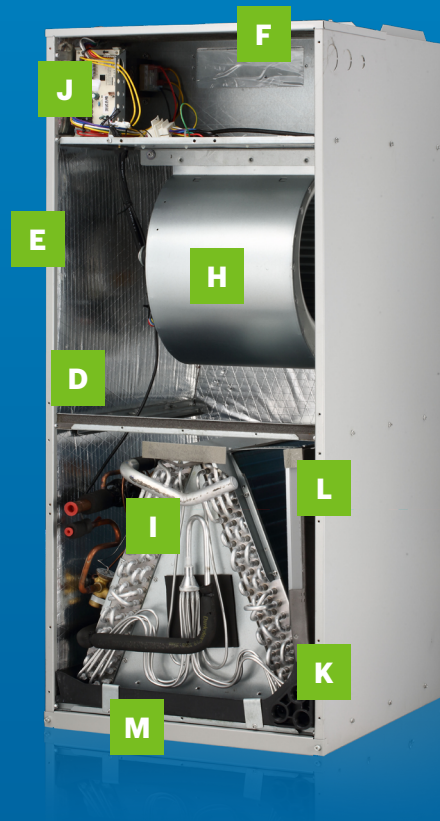
BOVB18 + BVA20 = **IDS Plus** 18 SEER System

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!

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 ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	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 ⁽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 BOVA20 + BVA20 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 the our exceptional BVA20 two stage x13 ECM style air handler.

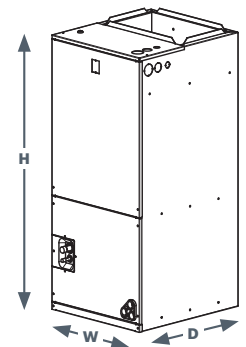
IDS PREMIUM BOVA20 + BVA20 AHRI 210/240 PERFORMANCE DATA

OUTDOOR UNIT MODEL	INDOOR AIR HANDLER MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	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

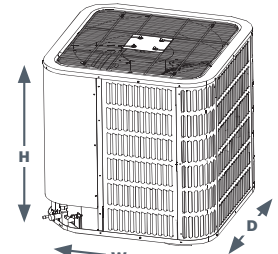
Blue Text = ENERGY STAR Certified. (3) Energy Efficiency Ratio; Certified per AHRI 210/240. (4) Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240. (5) HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240. Note: Always check the rating plate for electrical data on the unit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

System & Technical Information

BOSCH IDS FAMILY DESCRIPTION & DIMENSIONS ^o						
MODEL NUMBER	DESCRIPTION	WIDTH (W)	HEIGHT (H)	DEPTH (D)	PART NUMBER	LIST PRICE
BOVB18 OUTDOOR CONDENSING SECTION						
NEW BOVB-36HDN1-M18M	36 kBTU/hr (3 ton)	29.125	24.9375	29.125	8-733-955-036	\$4,663
NEW BOVB-60HDN1-M18M	60 kBTU/hr (5 ton)	29.125	33.1875	29.125	8-733-955-037	\$5,830
BVA15 INDOOR AIR HANDLER						
NEW BVA-24WN1-M15	24 kBTU/hr (2 ton)	19.625	46.5	21.625	8-733-955-038	\$1,540
NEW BVA-36WN1-M15	36 kBTU/hr (3 ton)	19.625	46.5	21.625	8-733-955-039	\$1,867
NEW BVA-48WN1-M15	48 kBTU/hr (4 ton)	22.0	54.5	24.0	8-733-955-040	\$2,230
NEW BVA-60WN1-M15	60 kBTU/hr (5 ton)	22.0	54.5	24.0	8-733-955-041	\$2,765
BOVA20 OUTDOOR CONDENSING SECTION						
BOVA-36HDN1-M20G	36 kBTU/hr (3 ton)	29.125	24.9375	29.125	8-733-952-437	\$5,779
BOVA-60HDN1-M20G	60 kBTU/hr (5 ton)	29.125	33.1875	29.125	8-733-952-438	\$7,551
BVA20 INDOOR AIR HANDLER						
BVA-24WN1-M20	24 kBTU/hr (2 ton)	19.625	46.5	21.625	8-733-952-439	\$3,036
BVA-36WN1-M20	36 kBTU/hr (3 ton)	19.625	46.5	21.625	8-733-952-440	\$3,901
BVA-48WN1-M20	48 kBTU/hr (4 ton)	22.0	54.5	24.0	8-733-952-441	\$4,051
BVA-60WN1-M20	60 kBTU/hr (5 ton)	22.0	54.5	24.0	8-733-952-442	\$5,545



Air Handler



Condensing Section

IDS FAMILY FIELD INSTALLED ELECTRIC HEAT KITS			
MODEL NUMBER	PART NUMBER	DESCRIPTION	LIST PRICE
EHK-05B	7-739-832-075	5 kW Electric Strip Heater	\$271
EHK-08B	7-739-832-076	7.5 kW Electric Strip Heater	\$342
EHK-10B	7-739-832-077	10 kW Electric Strip Heater	\$377
EHK-15B	7-739-832-078	15 kW Electric Strip Heater	\$613
EHK-20B	7-739-832-079	20 kW Electric Strip Heater	\$719

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⁽¹⁾
- ▶ 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[§]

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![§]

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

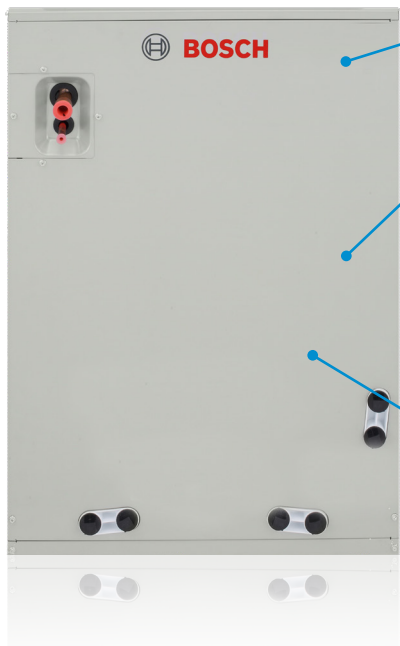


The Best Comfort Levels & Efficiency on The Market Today

Bosch Dependable and Multi-Positional Cased Coils

The Inverter Ducted Split Evaporator Coil, when paired with a furnace or a Bosch hydronic air handler along with an IDS outdoor condensing section, will deliver some of the best comfort levels and efficiency on the market today. Bosch offers a complete range of cased evaporator coils to fit your needs. Have peace of mind knowing that all Bosch cased coil models include a 10 year parts residential warranty.[§]

Cased Evaporator Coil



The cased evaporator coils include easy-to-clean foil-back insulation which helps to ensure against energy loss through the cabinet as well as keeping the unit quiet.

Bosch offers a complete range of 10 evaporator coil models from 2 through 5 ton sizes, in all orientations including upflow, downflow and horizontal to fit all duct sizes and meet your needs. Bosch cased coils can be easily installed for retrofit or new construction applications using the simple slide-out feature.

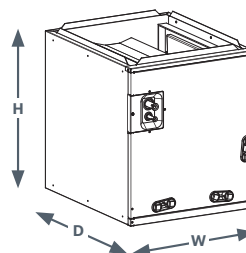
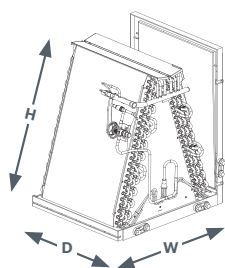
The cased evaporator coils are constructed from all-aluminum fins with aluminum tubing to help prevent formicary corrosion while maintaining high heat transfer efficiency thereby increasing longevity and cost savings.

INVERTER DUCTED SPLIT 1.0 + 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 ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	LOW	
BOVA-36HDN1-M18M	BMAC2430ANTD	23400	11.5	15	24000	9	17200	700
BOVA-36HDN1-M18M	BMAC2430BNTD	23400	11.5	15	24000	9	17200	700
BOVA-36HDN1-M18M	BMAC3036ANTD	32000	10	14.5	35000	9	22000	900
BOVA-36HDN1-M18M	BMAC3036BNTD	32400	10	14.5	35000	9	23000	1000
BOVA-36HDN1-M18M	BMAC3036CNTD	32400	10	14.5	35000	9	23000	1000
BOVA-36HDN1-M18M	BMAC4248BNTF	32400	10	15	35000	9	23000	1000
BOVA-36HDN1-M18M	BMAC4248CNTF	32400	10	15	35000	9	23000	1000
BOVA-60HDN1-M18M	BMAC4248BNTF	44500	11	16	45500	9.5	31000	1150
BOVA-60HDN1-M18M	BMAC4248CNTF	46000	11	16	47000	9.5	32000	1300
BOVA-60HDN1-M18M	BMAC4248DNTF	46000	11	16	48000	9.5	32000	1400
BOVA-60HDN1-M18M	BMAC4860CNTF	54000	10.5	16	55500	9.5	32000	1300
BOVA-60HDN1-M18M	BMAC4860DNTF	55000	10.5	16	56000	9.5	39000	1500

INVERTER DUCTED SPLIT 2.0 + 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 ⁽³⁾	SEER ⁽⁴⁾	HI	HSPF ⁽⁵⁾	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


UNCASED COIL DIMENSIONS (IN INCHES)*

MODEL NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BMAC2430ANTD	13.375	15.625	20.5
BMAC2430BNTD	16.375	15.375	20.5
BMAC3036ANTD	13.375	15.625	20.5
BMAC3036BNTD	16.375	15.375	20.5
BMAC3036CNTD	19.875	15.25	20.5
BMAC4248BNTF	16.375	26.88	21.0
BMAC4248CNTF	19.875	26.8	21.0
BMAC4248DNTF	23.625	26.6	21.0
BMAC4860CNTF	19.875	27.0	21.0
BMAC4860DNTF	23.625	26.8	21.0

CASED COIL DIMENSIONS (IN INCHES)

MODEL NUMBER	PART NUMBER	LIST PRICE	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BMAC2430ANTD	8-733-947-947	\$1,075	14.5	20.0	21.0
BMAC2430BNTD	8-733-947-948	\$1,075	17.5	20.0	21.0
BMAC3036ANTD	8-733-947-950	\$1,106	14.5	20.0	21.0
BMAC3036BNTD	8-733-947-951	\$1,106	17.5	20.0	21.0
BMAC3036CNTD	8-733-947-952	\$1,266	21.0	20.0	21.0
BMAC4248BNTF	8-733-947-953	\$1,351	17.5	30.0	21.0
BMAC4248CNTF	8-733-947-954	\$1,487	21.0	30.0	21.0
BMAC4248DNTF	8-733-947-955	\$1,535	24.5	30.0	21.0
BMAC4860CNTF	8-733-947-956	\$1,695	21.0	30.0	21.0
BMAC4860DNTF	8-733-947-957	\$1,707	24.5	30.0	21.0

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



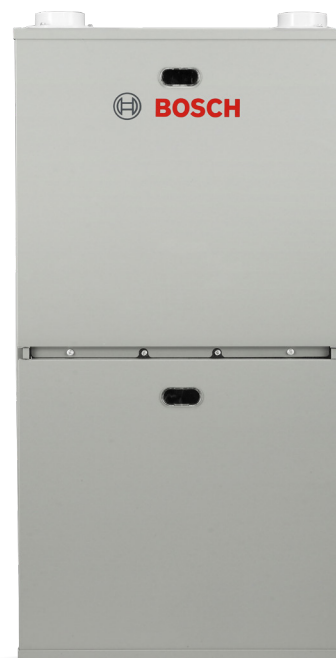
The Furnace Your Home Is Waiting For

Bosch BGH96 Furnace¹

Introducing Bosch's first condensing furnace, the BGH96 Series. With 96% AFUE heating efficiency and a multipoise design, it is the perfect solution to efficiently heat your home. The multipoise design makes it even easier to replace your existing equipment or install them in your new home. 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.

Features

- ▶ Up to 96% AFUE heating efficiency, ENERGY STAR rated
- ▶ 5-year parts limited warranty, 20 year heat exchanger limited warranty[§]
- ▶ Reliable, proven two-stage design
- ▶ 3-way multipoise design allows for flexibility in multiple types of installations, available in upflow (right or left return) and horizontal orientations
- ▶ Field convertible gas type for hassle-free installation, all furnaces come standard with a natural gas to propane gas conversion kit
- ▶ 2 stage x13 ECM motors for all models for quiet and efficient operation
- ▶ Hot-surface ignition for dependable operation
- ▶ Durable aluminized steel tubular heat exchanger and stainless-steel secondary heat exchanger
- ▶ Pairs with Bosch BOVB18 or BOVA20 heat pump, reaching up to 19 SEER
- ▶ Low profile cabinet construction allows for installation in tight spaces. Convenient left or right-hand connection for gas and electric service. The cabinet is painted galvanized steel with an anti-rust coating, that passes a 500 hours salt spray test
- ▶ LED fault diagnostics for quick and easy service calls



¹IDS Outdoor Units (BOVA Models) and Cased Coils (BMAC Models)

[§]10 year limited parts warranty and lifetime warranty on heat exchangers, both if registered within 60 days of installation, please go to boschheatingandcooling.com for full limited warranty details

(1) NOTICE: This product 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.

Why Choose The Bosch BGH96 Furnace

Savings

Homeowners will see the savings on their energy bills by converting up to 96% of the fuel purchased to heat their home. The furnace's two-stage gas valve switches between high and low fire settings, allowing enhanced comfort and more efficient operation than single stage technology.

System Efficiency

Dual fuel systems are the ideal solution to maximize comfort and efficiency. Bosch offers a complete dual fuel system with the Bosch Inverter Ducted Split (IDS) heat pump, Bosch BMAC cased coil, Bosch 96% AFUE Gas Furnace and the Bosch Connected Control thermostat. 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.

Residential Limited Warranty^s

With the residential limited warranty, you receive peace-of-mind knowing you will receive replacement parts protection for up to 5 years and up to 20 years on the heat exchanger. This offering covers all components incorporated into the BGH96 Furnace 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.



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



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.



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.



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.



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.

BOVB18 + CASED COIL + 96% FURNACE AHRI 210/240 Performance Data										
SYSTEM	OUTDOOR UNIT	CASED COIL	FURNACE MODEL	HEAT PUMP COOLING CAPACITY (BTU/HR)			HEAT PUMP HEATING CAPACITY (BTU/HR)			CFM
				TOTAL	EER***	SEER****	HI	HSPF*****	LOW	
2 Ton	BOVA-36HDN1-M18M	BMAC2430ANTD	BGH96M060B3A	23600	12.5	18	24000	9.5	17200	820/630
	BOVA-36HDN1-M18M	BMAC2430ANTD	BGH96M080B3A	23600	12.5	18	24000	9.5	17200	800/580
	BOVA-36HDN1-M18M	BMAC2430BNTD	BGH96M060B3A	24000	12.5	18	24000	9.5	17200	860/680
	BOVA-36HDN1-M18M	BMAC2430BNTD	BGH96M080B3A	24000	12.5	18	24000	9.5	17200	840/630
3 Ton	BOVA-36HDN1-M18M	BMAC3036ANTD	BGH96M060B3A	33000	10.5	16.5	34200	9	22600	1050/800
	BOVA-36HDN1-M18M	BMAC3036ANTD	BGH96M080B3A	33000	10.5	16.5	34200	9	22600	1020/800
	BOVA-36HDN1-M18M	BMAC3036BNTD	BGH96M060B3A	33600	10.6	16.5	34200	9	23000	1100/850
	BOVA-36HDN1-M18M	BMAC3036BNTD	BGH96M080B3A	33600	10.6	16.5	34200	9	23000	1070/850
	BOVA-36HDN1-M18M	BMAC3036CNTD	BGH96M080C4A	34000	10.6	16.5	34200	9	23000	1050/820
	BOVA-36HDN1-M18M	BMAC3036CNTD	BGH96M100C5A	34000	10.6	16.5	34200	9	23000	1150/750
4 Ton	BOVA-60HDN1-M18M	BMAC4248BNTF	BGH96M080B3A	43000	10.5	17.5	45500	9	31000	1250/1050
	BOVA-60HDN1-M18M	BMAC4248CNTF	BGH96M080C4A	43000	11	18	45500	9	31000	1250/1050
	BOVA-60HDN1-M18M	BMAC4248CNTF	BGH96M100C5A	45000	11.2	18	47000	9	31400	1450/1150
	BOVA-60HDN1-M18M	BMAC4248DNTF	BGH96M100D5A	45500	11.2	18	47000	9	32000	1500/1200
	BOVA-60HDN1-M18M	BMAC4248DNTF	BGH96M120D5A	45500	11.2	18	47000	9	32000	1500/1200
5 Ton	BOVA-60HDN1-M18M	BMAC4860CNTF	BGH96M100C5A	52500	10	17	53500	9.5	37000	1450/1150
	BOVA-60HDN1-M18M	BMAC4860DNTF	BGH96M100D5A	53000	10.5	17.5	54000	9.5	38000	1500/1200
	BOVA-60HDN1-M18M	BMAC4860DNTF	BGH96M120D5A	53000	10.5	17.5	54000	9.5	38000	1500/1200


BOVA20 + CASED COIL + 96% FURNACE AHRI 210/240 PERFORMANCE DATA										
SYSTEM	OUTDOOR UNIT	CASED COIL	FURNACE MODEL	HEAT PUMP COOLING CAPACITY (BTU/HR)			HEAT PUMP HEATING CAPACITY (BTU/HR)			CFM
				TOTAL	EER***	SEER****	HI	HSPF*****	LOW	
2 Ton	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 Ton	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 Ton	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 Ton	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

System & Technical Information



TECHNICAL SPECIFICATIONS	UNIT		BGH96M060B3A	BGH96M080B3A	BGH96M080C4A	BGH96M100C5A	BGH96M100D5A	BGH96M120D5A
Bosch Part Number	-		7-738-006-496	7-738-006-497	7-738-006-498	7-738-006-499	7-738-006-500	7-738-006-501
List Price			\$3,954.00	\$4,074.00	\$4,435.00	\$4,641.00	\$4,813.00	\$5,157.00
Cabinet Size (W)	Inch		17.5		21		24.5	
Cabinet Size (DxH)	Inch		(28-1/2) x (33-3/4)					
Fuel Type	-		Natural Gas/Propane Gas*					
AFUE	%		96					
ENERGY STAR Rating	-							
Input	NG/LP (High)	BTU/H	60000	80000	80000	100000	100000	120000
	NG/LP (Low)	BTU/H	39000	52000	52000	65000	65000	78000
Output	NG/LP (High)	BTU/H	57000	76000	76000	95000	95000	115000
	NG/LP (Low)	BTU/H	37000	49000	49000	62000	62000	75000
Air Temperature Rise	°F		30-60	35-65				40-70
Design Max. Outlet Air Temperature	°F		160	165				170
Certified EXT Static Pressure	Heating	in. WC	0.12	0.15	0.15	0.2	0.2	0.2
	Cooling	in. WC	0.5	0.5	0.5	0.5	0.5	0.5
Tons AC @ 0.5" ESP	Tons		1.5/2/2.5/3		2.5/3/3.5/4	3.5/4/4.5/5		
Power Supply	V/Hz/PH		115V/60HZ/1PH					
Max Overcurrent Protection (MOP)	Amps		15			20		
Blower Motor Full Load	Amps		8	8	7.8	11.5	10.5	10.5
Circulating Blower Motor	Type	-	x13 ECM					
	Diameter Blower	Inch	12 3/8		12 3/4			
	Height Blower	Inch	8		11 1/4			
Motor Speeds	Number of Speeds		5					
	Speed Settings		High/Mid-High/Mid/Mid-Low/Low					
	RPM		1050 (rated)					
Power Input	(High)	W	63±10%					
	(Low)	W	37±10%			42±10%		
Circuating Fan Motor	Motor Horsepower	HP	3/4			1		
Max.Inlet Gas Pressure	Natural Gas	in. WC	10.5					
	Propane Gas (LP)	in. WC	13					
Min.Inlet Gas Pressure	Natural Gas	in. WC	4.5					
	Propane Gas (LP)	in. WC	11					
Natural Gas Working Pressure	in. WC		High Fire:3.5 Low Fire:1.6					
Propane Gas Working Pressure	in. WC		High Fire:10 Low Fire:4					
Natural Gas Orifice (0-2000 Feet)	#		45					
Propane Gas Orifice (0-2000 Feet)	#		55					
Number of Burners	-		3	4	4	5	5	6
Primary Heat Exchanger Diameter	Inch		1 3/4					
Primary Heat Exchanger	# Tubes		3	4	4	5	5	6
Secondary Heat Exchanger Diameter	Inch		3/8					
Secondary Heat Exchanger	# Tubes		33	33	39	39	48	48
Pressure Switch Factory Setting	(High)	in. WC	1.1					
	(Low)	in. WC	0.55					
Rollout Switch - Resettable	Off/On	°F	300					
Inlet High Temp Limit Switch - Fixed	Off/On	°F	150/120	130/100	150/120			
Gas Connection Size	in. NPT		1/2					
Ignitor Type	-		Hot surface					
Net Weight	lb		135	141	152	162	170	174

* All units come standard with a natural gas to propane gas conversion kit. NOTICE: This product 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.



**Maximum Comfort,
Minimum Energy,
In One System!**

Bosch Inverter Ducted Packaged Unit IDP

Meet the Bosch Inverter Packaged Heat Pump (IDP). With all of the benefits of the Bosch Inverter Ducted Split systems now in a single package, the IDP offers best-in-class efficiency and comfort. The system delivers premium comfort and performance by adjusting compressor capacity rather than a simple on/off control like other traditional units, so you can enjoy maximum comfort while reducing operating costs and saving money. The system works seamlessly with your thermostat to automatically adjust to your preferences, while integrated sound dampening features keep the unit quiet for top level comfort.

Features

- ▶ Superior efficiency – rated up to 19 SEER, 12.5 EER, 10 HSPF
- ▶ Inverter Compressor (36%-118% speed), modulation in 1% increments
- ▶ IDP 3T – Provides up to 4-stage indoor fan control, UL certified for high static
IDP 5T – Provides up to 2-stage indoor fan control
- ▶ 10 speed ECM outdoor blower for premium efficiency and whisper quiet operation
- ▶ Easy to install – 2-way design allows for horizontal and downflow installations, air return/supply are field convertible
- ▶ ENERGY STAR rated
- ▶ Compatible with the Bosch Connected Control (BCC) Thermostat family⁽¹⁾
- ▶ Operates in cooling up to 125°F



Bosch IDP | Simply Smart

- ▶ Up to 19 SEER and 10 HSPF
- ▶ ENERGY STAR rated
- ▶ Fully-modulating inverter compressor
- ▶ Sound levels as low as 59 dBA
- ▶ Compatible with most 24 VAC thermostats
- ▶ Operates in heating down to -4° F
- ▶ Operates in cooling up to 125° F
- ▶ 10-year residential limited warranty⁵

Field Friendly

- ▶ Designed for easy installation
- ▶ Simple to set up
- ▶ Intuitive controls
- ▶ Support readily available
- ▶ Common field installed electric heat kits for 3T & 5T IDP



System & Technical Information



INVERTER DUCTED PACKAGED SYSTEM DIMENSIONS (IN INCHES)				
MODEL NUMBER	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BRB-36HWD1N1-M18	8733954410	35-1/16	46-13/16	50-11/16
BRB-60HWD1N1-M19	7738006459	44-13/16	51-7/16	51-9/16

INVERTER DUCTED PACKAGED SYSTEM AHRI 210/240 PERFORMANCE DATA								
NOMINAL HP SYSTEM TONNAGE	CASED COIL MODEL	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			CFM
		TOTAL	EER ⁽⁶⁾	SEER ⁽⁷⁾	HI	HSPF ⁽⁸⁾	LOW	
3	BRB-36HWD1N1-M18	34800	12	18.5	36000	9	23000	1250/950
5	BRB-60HWD1N1-M19	57000	12.5	19	57000	10	44000	1800/1300

INVERTER DUCTED PACKAGED SYSTEM (AVAILABLE IN US ONLY)			
MODEL NUMBER	PART NUMBER	DESCRIPTION	LIST PRICE
BRB-36HWD1N1-M18 (US Only)	8-733-954-410	36 kBTU/Hr (3 ton) Inverter Ducted Packaged Heat Pump	\$9,298
BRB-60HWD1N1-M19 (US Only)	7-738-006-459	60 kBTU/Hr (5 ton) Inverter Ducted Packaged Heat Pump	\$12,228

FIELD INSTALLED ELECTRIC HEAT KITS			
MODEL NUMBER	PART NUMBER	DESCRIPTION	LIST PRICE
EHK-05J	8-733-953-088	5 kW Electric Heat Kit	\$619
EHK-08J	8-733-953-089	7.5 kW Electric Heat Kit	\$659
EHK-10J	8-733-953-090	10 kW Electric Heat Kit	\$751
EHK-15J	8-733-953-091	15 kW Electric Heat Kit	\$935
EHK-20J ⁽⁹⁾	8-733-953-092	20 kW Electric Heat Kit	\$1,159

(5) Please go to boschheatingandcooling.com for full limited warranty details. (6) Energy Efficiency Ratio; Certified per AHRI 210/240. (7) Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240. (8) HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240. (9) 20kW EHK can only be used on 5T IDP. 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. \$Please go to boschheatingandcooling.com for full limited warranty details



A Single Solution to Heat or Cool Your Home

Bosch Climate 5000 Series

The Bosch Climate 5000 Ductless Series provides simple installation, maintenance, and cleaning. Shorter service times and high quality mean minimizing money spent while maximizing comfort and peace-of-mind. The Climate 5000 System utilizes a combination of efficient technologies to achieve up to a 25 SEER rating, reducing electricity usage and lowering your electric bill.⁽¹⁾

Features

- ▶ 100% heating capacity between -5°F and 5°F, depending on system configuration
- ▶ No additional accessory needed for Low Ambient Cooling operation down to -22°F with MAX Performance System (Maximum 107% Cooling capacity at -22°F)
- ▶ Same high wall head for single and multi-zone condensers
- ▶ Whisper quiet operation: ODU as low as 55.5 dB, IDU as low as 20 dB⁽²⁾
- ▶ Wired wall thermostat, 24V Interface for use with 24V thermostat
- ▶ Factory installed base pan heater for all ODU models
- ▶ Built in condensate pump for Cassette & Ducted IDU's
- ▶ 10 year compressor & 5 year parts residential warranty[§]
- ▶ Compatible with the Bosch Connected Control (BCC) Wi-Fi Thermostat family*

Regular

Operating Range
Heating: -13°F - 86°F
Cooling: -13°F - 122°F

Single Zone

9K, 12K⁽⁴⁾, 18K, 24K

Multi Zone

18K, 27K, 36K, 48K

MAX Performance

Operating Range
Heating: -22°F - 86°F
Cooling: -22°F - 122°F

Single Zone

9K, 12K, 18K, 24K

Multi Zone

18K, 27K, 36K

Light Commercial

Operating Range
Heating: 5°F - 86°F
Cooling: 5°F - 122°F

Single Zone

30K, 36K, 48K, 60K



Why Bosch Ductless Systems

How Does a Ductless System Work?

The system utilizes electricity to pump refrigerant and transfer heat from one space to another. In cooling mode during warm or summer months, the system efficiently moves heat from inside the space to the outdoors. Conversely, in heating mode during cold or winter months, the units utilize refrigerant, which is naturally colder than outdoor temperatures, to absorb heat from the outside and transfer it to inside the space.

No Space? No Problem!

The Climate 5000 is designed for easy installation and has the flexibility to fit virtually anywhere. No ductwork required means no messy renovations and makes our systems the ideal solution to a wide variety of installation challenges. The condenser is conveniently located outdoors, while up to five air handlers can be placed inconspicuously indoors. The electrical, refrigerant, and condensate drain lines that connect the indoor and outdoor units run through a 3" diameter hole in an exterior wall, making it both unobtrusive and easy to install.

High Efficiency, Whisper Quiet, and Easy-to-Use Systems

Our ENERGY STAR rated single zone systems provide high-efficiency comfort up to 25 SEER (the EPA requirement for ductless systems is 14 SEER) and can help lower energy costs by utilizing advanced, energy-saving inverter drive technology. The product is easy to install, easier to use, and delivers consistent temperature and humidity levels throughout the desired space by making automatic adjustments to meet your needs. Best of all, it does all of this at sound levels as low as 20 dBA.



Bosch Climate 5000 Series

This system is a highly efficient, elegant solution when space, style and ease of comfort are needed.

Indoor Air Quality, Maintenance, and Cleaning

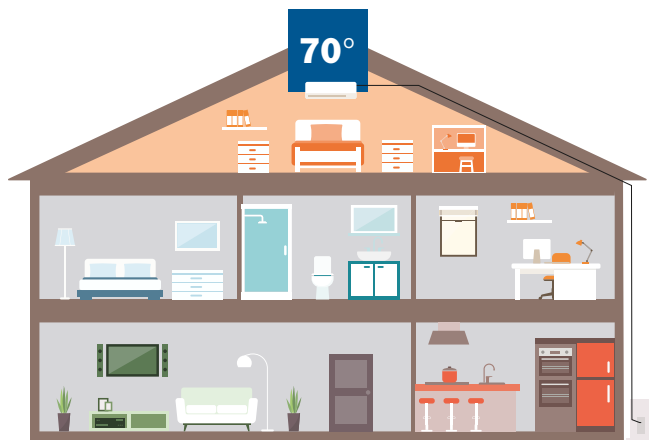
The multi-part filter system refreshes and cleans the circulating air by reducing potential odors, allergens, viruses and bacteria while providing the peace-of-mind that you and your family are breathing easy. Additionally, the system helps to trap dust, pollen, mites and other particles that plague allergy sufferers. Our filters and components create a stellar sifting net in order to provide fresh breathable air. When it comes to cleaning the filters, our indoor air handler is simple to access, quick to clean and easy to maintain. Our system also comes equipped with a Self Cleaning Mode to help remove additional particles internally as well as moisture via our water-wicking blue fin technology, thereby eliminating mildew.

Take Control of Your Comfort

Since everyone has a different comfort level, the controller can be used to keep the room at a desired temperature and humidity level which may be different from the rest of the house or building. Our intuitive air handler regulates these levels according to the remote users' requests, but can also be programmed for automatic operation. The system also comes equipped with automated settings such as the "Follow Me" feature which allows the system to heat or cool toward a set-temperature based on where the remote is located within the room. The "Turbo" feature is also helpful when you need faster, on-demand comfort by speeding up the heating or cooling process when you need it the most.

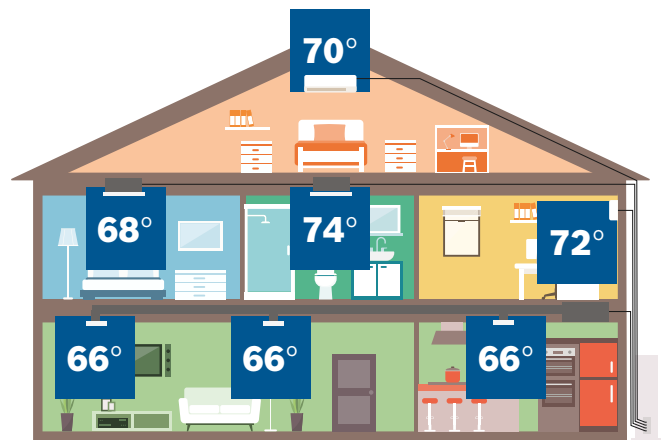
Limited Residential Warranty^s

With the limited residential warranty, you receive peace of mind knowing that the compressor is covered by a 10 year warranty and other parts for 5 years. This standard offering covers all components incorporated into the units at the time of manufacture. Unless otherwise stated, other components or parts that are purchased from Bosch and installed in the field have a 1 year replacement parts warranty from proof of certificate of occupancy date or proof of certified start-up date.



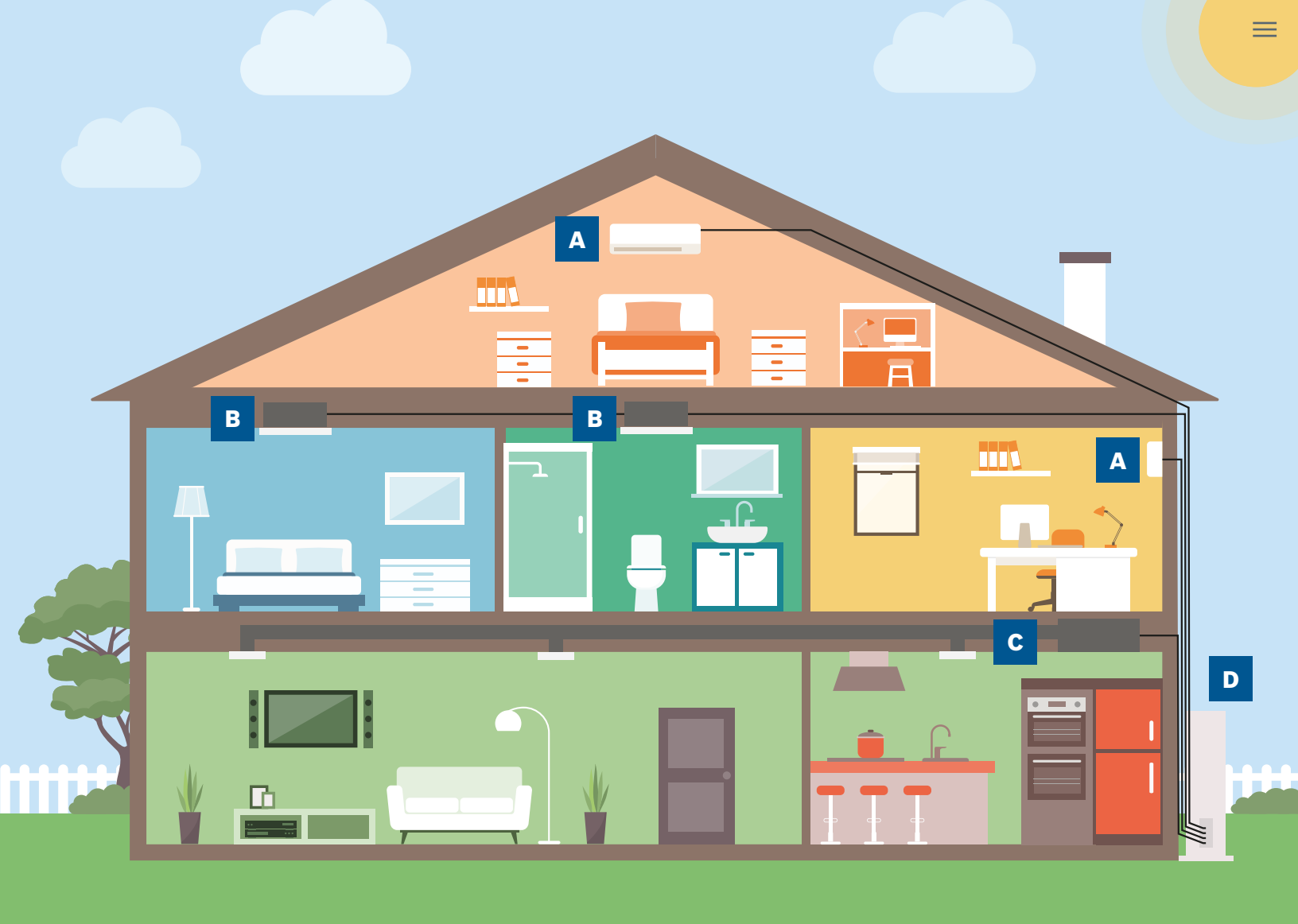
Single Zone Systems

- ▶ An excellent alternative to traditional HVAC systems where the focus is on individual rooms and living spaces rather than a central system's "one-size-fits-all" approach
- ▶ No timely, messy and costly ductwork or renovation needed means this compact and flexible system can be easily installed when only one room or space requires cooling or heating
- ▶ An ENERGY STAR, highly-efficient, quiet, single room application keeps energy bills low due to only heating and cooling one room when needed
- ▶ Common applications: individual rooms, studio apartments, additions, enclosed patios, restaurant, office space, mechanical / server rooms, or single rooms without space for ductwork



Multi Zone Systems

- ▶ Create total comfort throughout the whole house in the rooms you use the most
- ▶ Independent operation of each room with its own thermostat - set a comfortable temperature in each room
- ▶ One outdoor unit can be combined with up to five indoor units with the Regular system and four indoor units with the MAX Performance system for maximum cost and space savings
- ▶ Simplified system layout and connection offers extended flexibility when locating indoor units
- ▶ Quiet, compact and simple to install multi zone condensing sections are paired with any combination of single zone air handlers
- ▶ Common applications: entire home, multiple rooms within a 1-3 story home that are used the most



A Highly Efficient Heating & Cooling Split System



A

Wall Mounted IDU*

Redesigned sleek and modern looking Wall Mounted indoor unit can be easily installed with minimum required maintenance. Self-cleaning function is available with Single Zone system.



B

Cassette IDU*

4-Way Cassette indoor unit can be used with both open concept or drop down ceilings. Minimal maintenance is required and self-cleaning function is available with Single Zone system for 9K ~ 24K Btu models.



C

Ducted IDU*

Ducted IDU requires only little duct work and is available in both medium (9K ~ 48K) and high (60K) static models. Self-cleaning function is available with Single Zone system for 9K ~ 24K Btu models.



D

Bosch ODU*



The robust Bosch Climate 5000 System is available in both single and multi zones which utilizes just the right amount of energy to achieve ultimate comfort and maximum efficiency while keeping sound levels to a minimum.

































System Efficiency & Performance Data Single Zone

AHRI PERFORMANCE DATA - SINGLE ZONE										
CATEGORY	AHRI #	IDU TYPE	IDU MODEL	ODU MODEL	COOLING CAPACITY			HEATING AT 47°F		
					BTU/H	EER ⁶	SEER ⁷	BTU/H	COP	HSPF ⁸
SINGLE ZONE REGULAR (115V)	203991147	Wall Mount	BMS500-AAS012-0AHWXB	BMS500-AAS012-0CSXRB	12000	13	22	12000	3.4	10.2
SINGLE ZONE REGULAR	203991148	Wall Mount	BMS500-AAU009-1AHWXB	BMS500-AAS009-1CSXRA	9000	14.9	23.5	9800	3.8	10.8
	203991149	Wall Mount	BMS500-AAU012-1AHWXB	BMS500-AAS012-1CSXRA	12000	13.7	22.7	12000	3.5	11.0
	203991150	Wall Mount	BMS500-AAU018-1AHWXB	BMS500-AAS018-1CSXRA	18000	13.0	21	18000	3.4	10.4
	203991151	Wall Mount	BMS500-AAU024-1AHWXB	BMS500-AAS024-1CSXRA	24000	13.7	20.7	25000	3.7	11.5
	203991156	Wall Mount	BMS500-AAS030-1AHWXB	BMS500-AAS030-1CSXRB	30000	11.5	19.8	30000	2.6	9.4
	203991157	Wall Mount	BMS500-AAS036-1AHWXB	BMS500-AAS036-1CSXRB	36000	8.6	16	36000	2.6	8.5
	203991166	Cassette	BMS500-AAU009-1AHCXB	BMS500-AAS009-1CSXRA	9000	13	20	10000	3.22	10.5
	203991167	Cassette	BMS500-AAU012-1AHCXB	BMS500-AAS012-1CSXRA	12000	14	21.5	12000	3.7	10.5
	203991168	Cassette	BMS500-AAU018-1AHCXB	BMS500-AAS018-1CSXRA	18000	12.5	20	18000	3.22	10.3
	203991169	Cassette	BMS500-AAU024-1AHCXB	BMS500-AAS024-1CSXRA	24000	12.5	20	24400	3.22	10.5
	203991170	Cassette	BMS500-AAU036-1AHCXB	BMS500-AAS036-1CSXLB	36000	9	17.5	38000	3.01	10.5
	203991171	Cassette	BMS500-AAU048-1AHCXB	BMS500-AAS048-1CSXLB	48000	9.5	16.8	50000	3.10	11.0
	203991159	Ducted	BMS500-AAU009-1AHDXB	BMS500-AAS009-1CSXRA	9000	13.5	20.5	10000	3.4	11.5
	203991160	Ducted	BMS500-AAU012-1AHDXB	BMS500-AAS012-1CSXRA	12000	12.5	21.5	12000	3.3	11.5
	203991161	Ducted	BMS500-AAU018-1AHDXB	BMS500-AAS018-1CSXRA	18000	12.5	19	18000	3.1	10.5
	203991162	Ducted	BMS500-AAU024-1AHDXB	BMS500-AAS024-1CSXRA	24000	12.5	21.5	24400	3.5	11.0
	203991163	Ducted	BMS500-AAU036-1AHDXB	BMS500-AAS036-1CSXLB	36000	9	16.5	40000	3.4	11.5
	203991164	Ducted	BMS500-AAU048-1AHDXB	BMS500-AAS048-1CSXLB	48000	9.2	17.4	49500	3.5	10.3
	203991165	Ducted	BMS500-AAU060-1AHDXB	BMS500-AAS060-1CSXLB	57000	10	18	62000	3.6	9.0
SINGLE ZONE MAX PERFORMANCE	203991152	Wall Mount	BMS500-AAU009-1AHWXB	BMS500-AAS009-1CSXHB	9000	14.5	25	10900	3.8	11.2
	203991153	Wall Mount	BMS500-AAU012-1AHWXB	BMS500-AAS012-1CSXHB	12000	13	22.5	12000	3.6	12.0
	203991154	Wall Mount	BMS500-AAU018-1AHWXB	BMS500-AAS018-1CSXHB	17000	12.5	20	18000	3.1	10.3
	203991155	Wall Mount	BMS500-AAU024-1AHWXB	BMS500-AAS024-1CSXHB	24000	13	20.5	24000	2.8	11.5
	204014464	Cassette	BMS500-AAU009-1AHCXB	BMS500-AAS009-1CSXHB	9000	13	20	10000	3.08	10.8
	204014465	Cassette	BMS500-AAU012-1AHCXB	BMS500-AAS012-1CSXHB	12000	12.5	19.5	12000	3.66	10.6
	204014466	Cassette	BMS500-AAU018-1AHCXB	BMS500-AAS018-1CSXHB	16000	12.5	20	18000	3.22	10.5
	204014477	Cassette	BMS500-AAU024-1AHCXB	BMS500-AAS024-1CSXHB	24000	11	20	24000	3.46	11.5
	204014467	Ducted	BMS500-AAU009-1AHDXB	BMS500-AAS009-1CSXHB	9000	13.5	23	10000	3.6	12
	204014468	Ducted	BMS500-AAU012-1AHDXB	BMS500-AAS012-1CSXHB	12000	12.5	20.5	12000	3.3	11
	204014469	Ducted	BMS500-AAU018-1AHDXB	BMS500-AAS018-1CSXHB	16500	12.5	19.6	19000	2.9	11
	204014470	Ducted	BMS500-AAU024-1AHDXB	BMS500-AAS024-1CSXHB	24000	12.5	20.5	24000	3.8	12.5

Blue Text = ENERGY STAR Certified. (6) Energy Efficiency Ratio; Certified per AHRI 210/240. (7) Seasonal Energy Efficiency Ratio; Certified (8) 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](https://www.boschheatingandcooling.com) for further details. per AHRI 210/240.

Order Information Single Zone

	SINGLE ZONE 115 VOLT SYSTEM	
CATEGORY	BTU/H	12K
ODU TYPE (PART NUMBER)	115V	
		8-733-953-250
	LIST PRICE	\$1,597
IDU TYPE (PART NUMBER)	Wall Mounted	
		8-733-953-249
	LIST PRICE	\$958








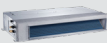
	SINGLE ZONE SYSTEMS										
CATEGORY	BTU/H		9K	12K	18K	24K	30K	36K	48K	60K	
ODU TYPE (PART NUMBER)	Regular	Universal									
			8-733-942-696	8-733-942-698	8-733-942-700	8-733-942-702					
	LIST PRICE		\$1,384	\$1,511	\$2,139	\$2,503					
	MAX Performance	Universal									
			8-733-953-115	8-733-953-116	8-733-953-117	8-733-953-118					
	LIST PRICE		\$1,941	\$2,089	\$2,907	\$3,350					
	Light Commercial	Wall Mount Only									
							8-733-953-099	8-733-953-101			
	LIST PRICE						\$3,219	\$4,069			
	Light Commercial	Cassette / Ducted Only									
8-733-953-122									8-733-953-123	8-733-953-124	
LIST PRICE						\$5,099	\$6,592	\$7,210			
IDU TYPE (PART NUMBER)	Wall Mounted										
		8-733-953-094	8-733-953-095	8-733-953-096	8-733-953-097	8-733-953-098	8-733-953-100				
	LIST PRICE		\$881	\$1,010	\$1,276	\$1,500	\$1,627	\$1,720			
	Four - Way Cassette* (2 X 2)										
		8-733-953-109	8-733-953-110	8-733-953-111							
	LIST PRICE		\$1,298	\$1,473	\$1,803						
	Four - Way Cassette* (3 X 3)										
					8-733-953-112		8-733-953-113	8-733-953-114			
	LIST PRICE					\$2,245	\$2,730	\$3,069			
	Medium Static Ducted										
8-733-953-102		8-733-953-103	8-733-953-104	8-733-953-105	8-733-953-106		8-733-953-107				
LIST PRICE		\$1,337	\$1,371	\$1,751	\$2,050	\$2,524	\$2,730				
High Static Ducted											
									8-733-953-108		
LIST PRICE		\$3,811									

* Cassette decorative grille should be purchased separately

System Efficiency & Performance Data Multi Zone

AHRI PERFORMANCE DATA - MULTI ZONE									
CATEGORY	AHRI #	IDU TYPE	ODU MODEL	COOLING CAPACITY			HEATING AT 47°F		
				BTU/H	EER ⁶	SEER ⁷	BTU/H	COP	HSPF ⁸
MULTI ZONE REGULAR	203991172	Non-Ducted	BMS500-AAM018-1CSXRA	18000	12.5	22.5	19000	3.6	10.3
	203991174	Non-Ducted	BMS500-AAM027-1CSXRA	28000	12.5	23	28000	3.9	10.3
	203991176	Non-Ducted	BMS500-AAM036-1CSXRA	33000	12.5	23	36000	3.4	10.2
	203991178	Non-Ducted	BMS500-AAM048-1CSXRA	48000	12.5	22.4	48000	3.6	10.2
	203991173	Ducted	BMS500-AAM018-1CSXRA	18000	11.8	18.5	18500	3.8	10
	203991175	Ducted	BMS500-AAM027-1CSXRA	28000	11	21	28000	3.63	10
	203991177	Ducted	BMS500-AAM036-1CSXRA	36000	10	21	37000	3.56	10
	203991179	Ducted	BMS500-AAM048-1CSXRA	49000	10.1	20.5	50000	3.6	11.5
MULTI ZONE MAX PERFORMANCE	203991180	Non-Ducted	BMS500-AAM018-1CSXHB	19000	12.5	21.5	20000	3.4	9.8
	203991183	Non-Ducted	BMS500-AAM027-1CSXHB	28000	13	22	28000	3.5	10.4
	203991186	Non-Ducted	BMS500-AAM036-1CSXHB	36000	13.5	21.5	36000	3.8	10.5
	203991181	Ducted	BMS500-AAM018-1CSXHB	18000	11.0	18.0	19000	3.48	9.8
	203991184	Ducted	BMS500-AAM027-1CSXHB	28000	11.0	21.0	28500	3.63	10
	203991187	Ducted	BMS500-AAM036-1CSXHB	36000	11.3	19.0	37000	3.74	11

Order Information Multi Zone

MULTI ZONE SYSTEMS					
CAPACITY	BTU/H (MAX ZONE)	18K (2 ZONE)	27K (3 ZONE)	36K (4 ZONE)	48K (5 ZONE)
ODU TYPE (PART NUMBER)	Regular				
		8-733-942-703	8-733-942-704	8-733-942-705	8-733-942-706
	LIST PRICE	\$2,281	\$2,701	\$4,419	\$5,747
	MAX Performance				
		8-733-953-119	8-733-953-120	8-733-953-121	
	LIST PRICE	\$4,069	\$4,711	\$6,546	
IDU CAPACITY	BTU/H	9K	12K	18K	24K
INDOOR TYPE (PART NUMBER)	Wall Mounted				
		8-733-953-094	8-733-953-095	8-733-953-096	8-733-953-097
	LIST PRICE	\$881	\$1,010	\$1,276	\$1,500
	Four - Way Cassette* (2 X 2)				
		8-733-953-109	8-733-953-110	8-733-953-111	
	LIST PRICE	\$1,298	\$1,473	\$1,803	
	Four - Way Cassette* (3 X 3)				
					8-733-953-112
	LIST PRICE				\$2,245
	Medium Static Ducted				
		8-733-953-102	8-733-953-103	8-733-953-104	8-733-953-105
	LIST PRICE	\$1,337	\$1,371	\$1,751	\$2,050



Accessory Information

THERMOSTATS		
MODEL	PART NUMBER	LIST PRICE
Wired Wall Thermostat for Wall Mounted IDU	8-733-953-127	\$397
Wired Wall Thermostat for Cassette & Ducted IDU	8-733-953-128	\$258
24V Interface	8-733-953-129	\$482
Bosch Wi-Fi Thermostat BCC100*	8-733-948-009	\$368
Bosch Wi-Fi Thermostat BCC50*	8-733-952-994	\$277

*24V Interface" is required to operate Climate 5000 system via BCC series



CASSETTE DECORATIVE GRILLE		
MODEL	PART NUMBER	LIST PRICE
Compact Cassette Grille (9K, 12K & 18K)	8-733-953-125	\$258
Compact Cassette Grille (24K, 36K & 48K)	8-733-953-126	\$371



4-WAY CASSETTE KIT (GRILLE INCLUDED)		
MODEL	PART NUMBER	LIST PRICE
9K Cassette IDU with Grille	8-733-954-250	\$1,556
12K Cassette IDU with Grille	8-733-954-251	\$1,731
18K Cassette IDU with Grille	8-733-954-252	\$2,061
24K Cassette IDU with Grille	8-733-954-253	\$2,616
36K Cassette IDU with Grille	8-733-954-254	\$3,101
48K Cassette IDU with Grille	8-733-954-255	\$3,440



Bosch Geothermal Systems

- ▶ Environmentally Friendly
- ▶ Best-in-Class Performance
- ▶ Reliable & Unmatched Quality
- ▶ Earth Coupling Options
- ▶ Lower Operating Cost
- ▶ Quiet Operation



Bosch Geothermal SM Model Rev C

The SM Model is our premium, high efficiency, residential water source heat pump, available in sizes of 2 to 6 tons to suit your needs. ENERGY STAR certified for ground water and ground loop applications, the SM boasts a two-stage scroll compressor and ECM constant air motor for superior comfort and efficiency. All SM Model units are now equipped with our new local wifi connected service and diagnostic tool, the Bosch EasyStart.

Features

Bosch EasyStart App & Local Wireless Communication

Installers can effortlessly start up and commission the unit using the app. While Service Technicians can easily service, monitor, and diagnose without ever having to open the unit.

Heat Pump Control Board (HPC)

New microprocessor-based control board which integrates with Bosch EasyStart app to provide real-time feedback of faults, component statuses, and more. The new HPC board has integrated control for configurable variable speed blower, 8 x temperature sensors, refrigeration system safeties, Smart HRP, loop pump/valve, auxiliary electric heat, heartbeat/power/critical diagnostic information (status) LED, compressor/brownout/blower protection, alarm output, condensate overflow detection, antishort cycling, and random start of unit.

Variable Speed ECM Constant CFM Motor

Maintains a constant and comfortable airflow by adjusting to external air pressure drop.

2 Stage Scroll Compressor Technology

Lowers operating costs while maximizing efficiency and comfort by adjusting to varying heating and cooling.

Air-tight and Quiet Cabinetry*

Includes close-cell foam insulation and compressor blanket which offers sound levels as low as 52 dB.

Stainless Steel Drain Pan

Improves indoor air quality by preventing standing water where mold, bacteria and viruses could grow.

Filter Drier

Removes moisture and contaminants from the refrigeration circuit, increasing reliability and product life.

Easy Access Filter Rack and 2" MERV-8 Filter*

Easily change your filter and remove 80-95% of airborne particles and other allergens as small as 3 microns.

Heat Recovery Package/Desuperheater

This optional feature enables your heat pump to heat domestic hot water, reducing the amount of electricity or fossil fuels otherwise used for your hot water.

Copper or Cupro-Nickel Coil

Option between copper or cupro-nickel heat exchanger, cupro-nickel recommended in conditions anticipating moderate scale formation or brackish water.



Optional Field Install Accessories

See page 55 for accessories part numbers and pricing

Internal Electric Heat

The internal electric heat kit includes 5, 10, 15, or 20 kilowatt back up or an emergency heater can be used on the geothermal heat pump.

Dehumidification Options

Dehumidification can be achieved with the Variable Speed CFM Motor combined with a Bosch humidity control thermostat.

Horizontal (HZ) Discharge Air Conversion Kit

The horizontal (HZ) conversion kit allows end blow to straight through conversion of discharge air, as the straight through configuration for horizontal is no longer factory available.

SM Consolidation

The Bosch SM is now offered in a new consolidated list of part numbers, providing options suited for every homeowners needs.

Vertical (VT)					
Model	Heat Recovery Package	Coax Coil	Return Air	Part Number	List Price
SM024	X	C	L	7-735-091-939	\$12,340.00
			R	7-735-091-940	\$12,340.00
		N	L	7-735-091-941	\$12,687.00
			R	7-735-091-942	\$12,687.00
	D	C	L	7-735-074-013	\$12,769.00
			R	7-735-074-014	\$12,769.00
		N	L	7-735-074-015	\$13,116.00
			R	7-735-074-017	\$13,116.00
SM036	X	C	L	7-735-091-943	\$13,378.00
			R	7-735-091-944	\$13,378.00
		N	L	7-735-091-945	\$13,758.00
			R	7-735-091-946	\$13,758.00
	D	C	L	7-735-074-018	\$13,807.00
			R	7-735-074-020	\$13,807.00
		N	L	7-735-074-021	\$14,187.00
			R	7-735-074-022	\$14,187.00
SM048	X	C	L	7-735-091-947	\$15,289.00
			R	7-735-0919-48	\$15,289.00
		N	L	7-735-091-949	\$15,726.00
			R	7-735-091-950	\$15,726.00
	D	C	L	7-735-074-023	\$15,718.00
			R	7-735-074-024	\$15,718.00
		N	L	7-735-074-025	\$16,155.00
			R	7-735-074-026	\$16,155.00
SM060	X	C	L	7-735-091-951	\$16,049.00
			R	7-735-091-952	\$16,049.00
		N	L	7-735-091-953	\$16,539.00
			R	7-735-091-954	\$16,539.00
	D	C	L	7-735-074-027	\$16,478.00
			R	7-735-074-028	\$16,478.00
		N	L	7-735-074-029	\$16,968.00
			R	7-735-074-030	\$16,968.00
SM060	X	C	L	7-735-091-955	\$17,492.00
			R	7-735-091-956	\$17,492.00
		N	L	7-735-091-957	\$17,994.00
			R	7-735-091-958	\$17,994.00
	D	C	L	7-735-074-031	\$17,921.00
			R	7-735-074-032	\$17,921.00
		N	L	7-735-074-033	\$18,423.00
			R	7-735-074-034	\$18,423.00

SmartStart Assist

This device reduces starting (inrush) current for compressors by 45% to 65%, minimizing "light flickering" during compressor starts and extending the life of the compressor. Designed for single phase scroll compressors.

Hose Kits

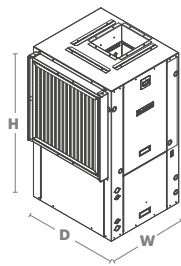
Our kits are designed specifically for Geothermal/Water Source applications where high quality components are desired.

Flow Centers

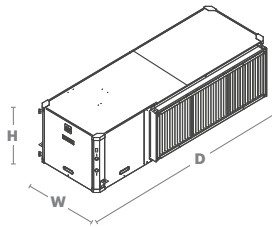
Bosch Pressurized, Non-Pressurized and Dual Circuit Flow Centers are built for easy, time-saving installation and are available in a wide variety of combinations to suit the contractor or system designer's needs.

Horizontal (HZ)					
Model	Heat Recovery Package	Coax Coil	Return Air	Part Number	List Price
SM024	X	C	L	7-735-091-959	\$12,340.00
			R	7-735-091-960	\$12,340.00
		N	L	7-735-091-961	\$12,687.00
			R	7-735-091-962	\$12,687.00
	D	C	L	7-735-074-042	\$12,769.00
			R	7-735-074-043	\$12,769.00
		N	L	7-735-074-050	\$13,116.00
			R	7-735-074-051	\$13,116.00
SM036	X	C	L	7-735-091-963	\$13,378.00
			R	7-735-091-964	\$13,378.00
		N	L	7-735-091-965	\$13,758.00
			R	7-735-091-966	\$13,758.00
	D	C	L	7-735-074-052	\$13,807.00
			R	7-735-074-053	\$13,807.00
		N	L	7-735-074-054	\$14,187.00
			R	7-735-074-056	\$14,187.00
SM048	X	C	L	7-735-091-967	\$15,289.00
			R	7-735-091-968	\$15,289.00
		N	L	7-735-091-969	\$15,726.00
			R	7-735-091-970	\$15,726.00
	D	C	L	7-735-074-057	\$15,718.00
			R	7-735-074-058	\$15,718.00
		N	L	7-735-074-059	\$16,155.00
			R	7-735-074-060	\$16,155.00
SM060	X	C	L	7-735-091-971	\$16,049.00
			R	7-735-0919-72	\$16,049.00
		N	L	7-735-091-973	\$16,539.00
			R	7-735-091-974	\$16,539.00
	D	C	L	7-735-074-061	\$16,478.00
			R	7-735-074-062	\$16,478.00
		N	L	7-735-074-063	\$16,968.00
			R	7-735-074-064	\$16,968.00
SM060	X	C	L	7-735-091-975	\$17,492.00
			R	7-735-091-976	\$17,492.00
		N	L	7-735-091-977	\$17,994.00
			R	7-735-091-978	\$17,994.00
	D	C	L	7-735-074-065	\$17,921.00
			R	7-735-074-066	\$17,921.00
		N	L	7-735-074-068	\$18,423.00
			R	7-735-074-072	\$18,423.00

Unit Dimensions⁽¹⁾



Vertical



Horizontal

MODEL	DIMENSIONS					
	VERTICAL			HORIZONTAL		
	W (width)	D (depth)	H (height)	W (width)	D (depth)	H (height)
SM024	22.5	26.0	43.3	25.1	64.1	19.7
SM036	24.5	33.3	54.0	28.0	76.0	22.7
SM048	24.5	33.3	54.0	28.0	76.0	22.7
SM060	26.0	33.3	60.1	28.0	83.0	22.7
SM070	26.0	33.3	60.1	28.0	83.0	22.7

PART NUMBER	HORIZONTAL (HZ) DISCHARGE AIR CONVERSION KIT	LIST PRICE
8-733-951-152	Horizontal (HZ) Discharge Air Conversion Kit (SM024) L	\$581
8-733-951-153	Horizontal (HZ) Discharge Air Conversion Kit (SM036/048) L	\$703
8-733-951-154	Horizontal (HZ) Discharge Air Conversion Kit (SM060/070) L	\$578
8-733-951-155	Horizontal (HZ) Discharge Air Conversion Kit (SM024) R	\$591
8-733-951-156	Horizontal (HZ) Discharge Air Conversion Kit (SM036/048) R	\$619
8-733-951-157	Horizontal (HZ) Discharge Air Conversion Kit (SM060/070) R	\$597

Limited Residential Warranty

Coverage for your Geothermal Heat Pump

You receive peace-of-mind knowing you will receive replacement parts protection for up to 10 years.

This warranty covers all components incorporated into the unit cabinet at the time of manufacture. Many units also come with a standard 10 year labor-allowance included for the replacement of any defective component to help offset labor expenses if a component should fail. For heat pump warranties and details visit boschheatingandcooling.com

26% Geothermal Tax Credit

Being Green Means Saving Green

Homeowners who install Bosch ENERGY STAR qualified geothermal heat pumps are eligible for a 26% tax credit, including the cost of installation.*

There is a 26% federal tax credit available for systems placed in service by 12/31/2022, and a 22% tax credit for systems placed in service between 01/01/2023 and 12/31/2023. Now is the time to get your new Bosch Geothermal system, the tax credits are set to expire in 2024. All tax credits are on the cost of the geothermal system, including installation cost.

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Connected Solutions

Bosch has assembled a comprehensive suite of heating, cooling, water heating, and energy-efficient appliances. Pair your new Geothermal Heat Pump with The Bosch Connected Control to receive Alert Messages directly from your new WSHP. It is the perfect solution to help achieve maximum comfort from anywhere! Ask your Bosch contractor or go to BoschHeatingAndCooling.com to learn more about how Bosch products can work together for your ultimate comfort.



Bosch
BCC100





Bosch EasyStart

The EasyStart App was developed to save time diagnosing & troubleshooting the new Bosch SM Model Geothermal Heat Pump.

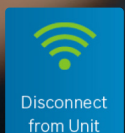


Download App*

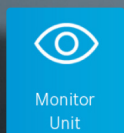
Download on the
App Store

ANDROID APP ON
Google play

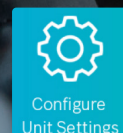
Download for
Windows OS



Connect unit through local unit wifi, no need for Technicians to open the physical unit to configure.



View real time status of components and system temperatures to aid in start-up, troubleshooting and diagnostics.



Set freeze protection setting based on application & configure up to 24 optional settings for customizable comfort.

App Features

Click on Data to see real-time temperature readings throughout system to aid in set-up and diagnostics

Click on Fault History to view up to the 70 latest faults that occurred

At any time, if the user needs help, they can click on the question mark and a definition of the screen and what can be done is explained

Technicians can set system to test mode to automatically run a troubleshooting sequence. Test Mode shortens all the timers to 10 seconds for each component

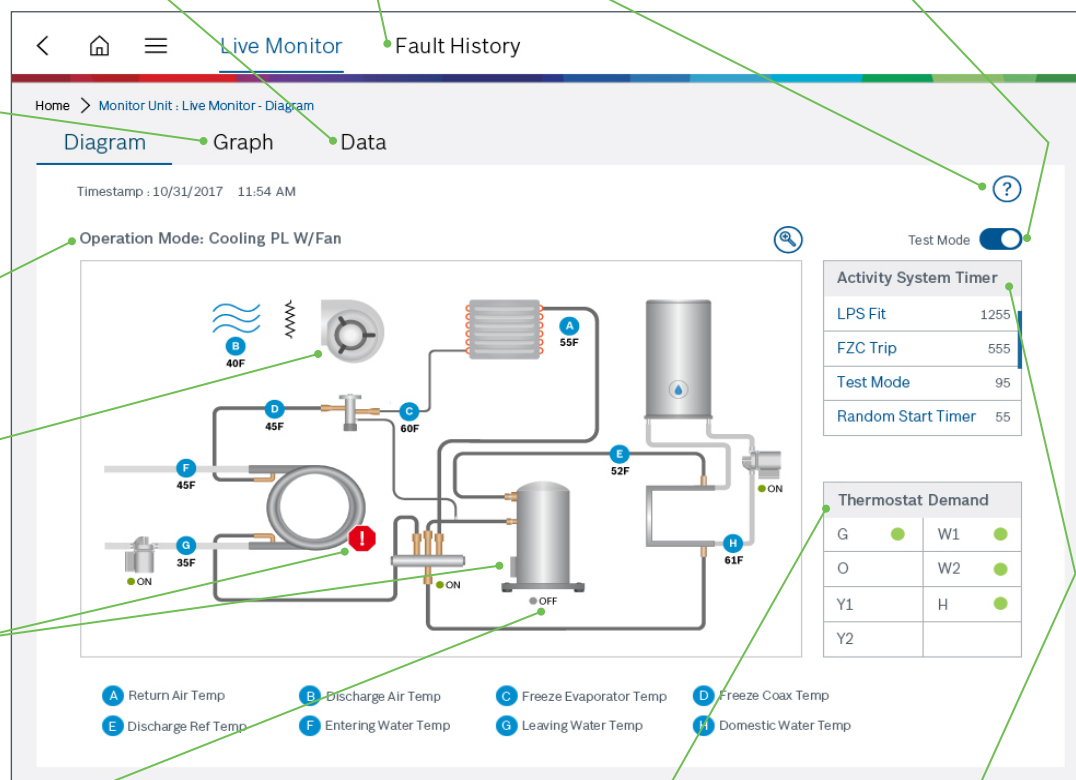
Click on Graph to see real-time temperature readings throughout system to aid in set-up and diagnostics

Unit operation mode shown in real-time

Click on Components to get basic information

Technicians can click on icons to view active faults and affects on system operation. The Red stop sign is hard lockout and the Yellow stop sign is a warning/soft lockout

View on/off status of component operation



For troubleshooting purposes, thermostat demand can be viewed in real time along with operation mode and component status

Technicians can see the Active System Timers for what the unit is processing

Bosch Geothermal Systems

- ▶ Environmentally Friendly
- ▶ Best-in-Class Performance
- ▶ Reliable & Unmatched Quality
- ▶ Geothermal Ready
- ▶ Lower Operating Cost
- ▶ Quiet Operation



26%
Geothermal
Tax Credit
Click to
Learn More

Bosch SM Split System

The SM Split Model is our premium, high efficiency, residential water source heat pump, available in sizes of 2 to 5 tons to suit your needs. ENERGY STAR certified for ground water and ground loop applications, the SM Split boasts a two-stage scroll compressor and ECM constant air motor (AH/AV models) for superior comfort and efficiency.



Features

Air Handler Flexibility

Choose between AHRI rated small "box" style SM air handler with either VT or HZ discharge air outlets or multi-positional air handler.⁽¹⁾

2 Stage Scroll Compressor Technology

Lowers operating costs while maximizing efficiency and comfort by adjusting to varying heating and cooling.

Compact Cabinet Design

Bosch engineered the cabinet to be one of the smallest condensing sections in the industry which makes it perfect for replacement in tight spaces.

Copper or Cupro-Nickel Coax Coil

Option between insulated Copper or Cupro-Nickel heat exchanger. Cupro-Nickel is recommended in conditions anticipating moderate scale formation or brackish water (open loop applications).

Factory Installed Filter Drier

A factory installed filter drier helps reduce installation time.

Pump/Valve Relay

Energizes the loop pump or valve from the heat pump control circuit.

Heat Recovery Package/Desuperheater

This optional feature enables your heat pump to heat domestic hot water, reducing the amount of electricity or fossil fuels otherwise used for your hot water. That's like free hot water!

10 Year Limited Warranty

Bosch SM Split condensing section and air handlers come standard with a 10 year limited warranty on all parts and labor.[§]

Engineered for Quiet Operation

Includes 1/2" close-cell foam insulation combined with our floating compressor base pan offers sound levels as low as 52 dB.

Bosch Quality

Bosch products are built using top-grade materials and are tested to meet the highest standards for performance and sustainability. Bosch has been producing products since 1886. Choose comfort, choose Bosch comfort solutions!



Limited Residential Warranty Coverage for your Geothermal Heat Pump

You receive peace-of-mind knowing you will receive replacement parts protection for up to 10 years.

This warranty covers all components incorporated into the unit cabinet at the time of manufacture. Many models also come with a standard 10 year labor-allowance included for the replacement of any defective component to help offset labor expenses if a component should fail. For heat pump warranties and details visit boschheatingandcooling.com.[§]



26% Geothermal Tax Credit Being Green Means Saving Green

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Connected Solutions

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**Bosch
BCC100**

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

Bosch System Options

Dependable & Highly Efficient Solutions
For Heating and Cooling Your Home

Options

Bosch's SM Split Condensing Section (CS) + Options 1-3

Use any of the following options to make a complete heating and cooling system

A Bosch SM Split CS

The robust Bosch SM Split Water Source Heat Pump system utilizes just the right amount of energy to achieve ultimate comfort and maximum efficiency while fitting in your existing space constraints.

Option 1

Bosch's SM Split CS + Bosch's SM Split Air Handler

B Bosch's SM Split AH/AV Air Handler*

The AH (HZ air handler)/AV (VT air handler) is Bosch's air handler section adaptable for compact spaces and comes standard with variable speed ECM constant airflow blower motor for reduced noise and increased comfort.



Option 2

Bosch's SM Split CS + Bosch's BVA2.0 Air Handler

C Bosch's BVA2.0 Air Handler*

The BVA2.0 is Bosch's robust & reliable Indoor multi-position air handler that can be mounted vertically, horizontally, or field configured downflow.



Option 3

Bosch's SM Split CS + Bosch Cased Coil + Furnace

D Fossil Fuel Furnace (Dual Fuel)

A Bosch or third-party furnace can be used in applications where homeowner prefers to use gas heat on very cold days.

E Bosch's BMAC Cased Coil*

The BMAC air coil, when paired with a Furnace and SM Split condensing section, delivers some of the best comfort levels and efficiency on the market today. Bosch offers a complete range of air coils to fit your needs.



SM Split Model Components

Features & Benefits

The Bosch SM Split condensing section provides best-in-class efficiency ratings and provides maximum comfort at minimum cost

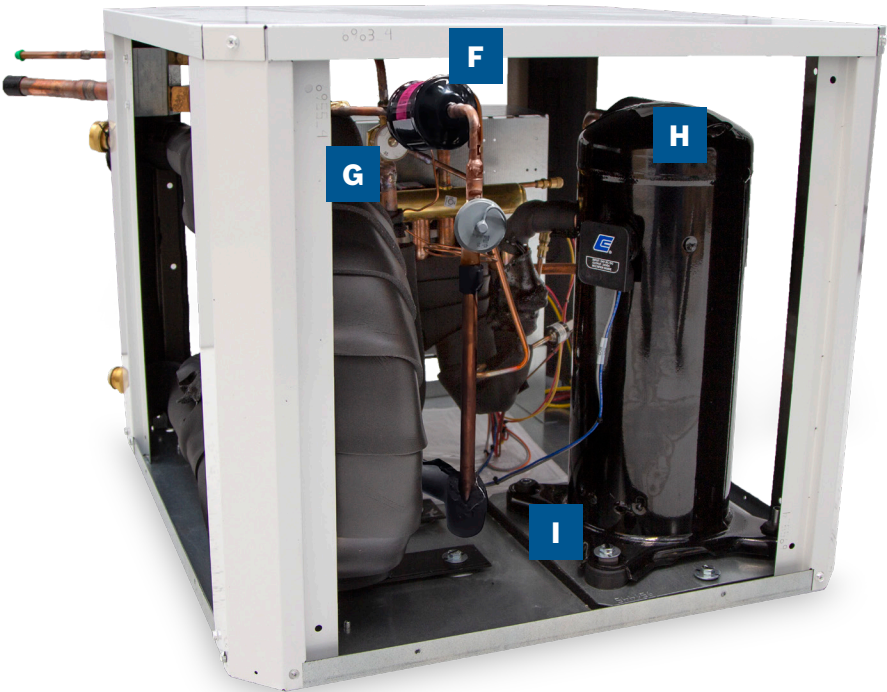
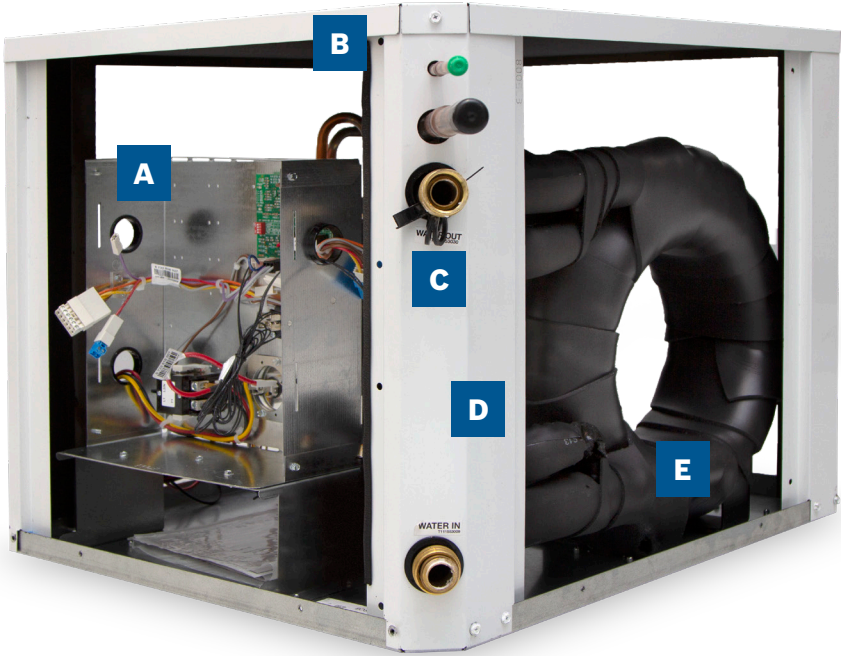
A The Bosch SM Split CS heat pump comes with a large electrical box to mount any Bosch field mount accessories.

B 1/2" closed cell foam insulation helps to attenuate low frequency noise from the compressor.

C All connections (water, refrigerant, and domestic hot water) are located on corner post for easy access. Water connections come standard with FPT fittings.

D The compact cabinet is constructed out of durable powdered coat white G90 Galvanized Steel.

E The Coaxial water coil is wrapped in 1/2" closed cell foam insulation for superior moisture protection.



F The Bosch SM Split heat pump comes with a factory installed filter drier to help reduce installation time.

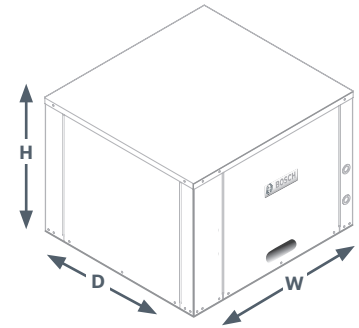
G The thermal expansion valve (TXV) is adjustable and controls the refrigerant flow providing optimum superheat to the compressor.

H The two stage high-efficiency scroll compressor provides maximum comfort and quiet operation using minimal energy.

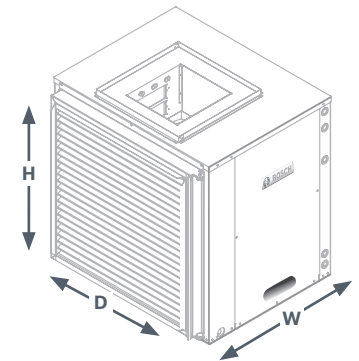
I The unique floating base uses heavy steel plate combined with high density rubber pad and grommets to isolate the compressor from the cabinet. This double isolation prevents vibration and noise transmission.

System & Technical Information

SM SPLIT CS DIMENSIONS (IN INCHES)			
MODEL SIZE	WIDTH (W)	HEIGHT (H)	DEPTH (D)
SM024-CS	24	21.5	27.4
SM036-CS	24	21.5	27.4
SM048-CS	24	21.5	27.4
SM060-CS	27	23.3	33.4

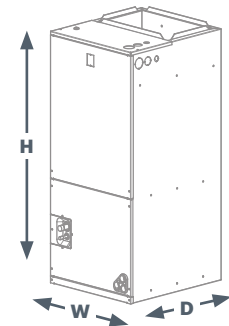


SM SPLIT AV DIMENSIONS (IN INCHES)			
MODEL SIZE	WIDTH (W)	HEIGHT (H)	DEPTH (D)
SM024-AV	21.5	25.75	26
SM036-AV	21.5	25.75	26
SM048-AV	24	25.75	32.75
SM060-AV	26	27.75	33.25



SM SPLIT AH DIMENSIONS (IN INCHES)			
MODEL SIZE	WIDTH (W)	HEIGHT (H)	DEPTH (D)
SM024-AH	26	21.75	33
SM036-AH	26	21.75	33
SM048-AH	30	21.75	38.5
SM060-AH	30	21.75	38.5

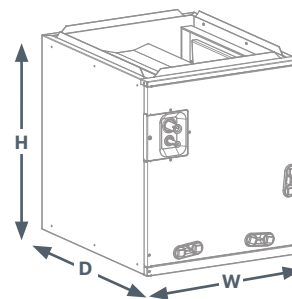
BVA2.0 AIR HANDLER DIMENSIONS (IN INCHES)				
MODEL SIZE	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
024	8733952439	19.625	46.5	21.625
036	8733952440	19.625	46.5	21.625
048	8733952441	22.0	54.5	24.0
060	8733952442	22.0	54.5	24.0



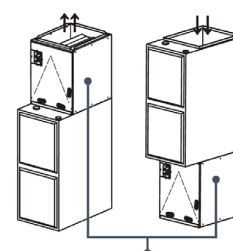
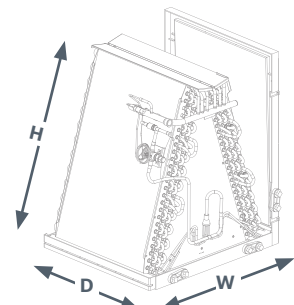
BMAC CASED COIL DIMENSIONS (IN INCHES)				
MODEL NUMBER	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BMAC2430BNTD	8733947948	17.5	20.0	21.0
BMAC3036BNTD	8733947951	17.5	20.0	21.0
BMAC4248CNTF	8733947954	21.0	30.0	21.0
BMAC4860CNTF	8733947956	21.0	30.0	21.0

BMAC UNCASSED COIL DIMENSIONS (IN INCHES)			
CORRESPONDING MODEL NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
BMAC2430BNTD	16.375	15.375	20.5
BMAC3036BNTD	16.375	15.375	20.5
BMAC4248CNTF	19.875	26.8	21.0
BMAC4860CNTF	19.875	27.0	21.0

Cased Coil

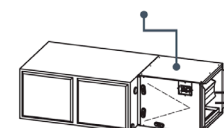


Uncased Coil



Upflow and downflow cased coil orientation with furnace

Horizontal cased coil orientation with furnace





Option 1

Bosch's SM Split CS + Bosch's SM Split Air Handler

			WATER LOOP HEAT PUMP				GROUND WATER HEAT PUMP				GROUND LOOP HEAP PUMP				
			COOLING 86°F		HEATING 68°F		COOLING 86°F		HEATING 68°F		COOLING 86°F		HEATING 68°F		
FULL LOAD	CONDENSING SECTION	AIR HANDLER PART NUMBER	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	FLUID FLOW GPM
	SM024-1CS	SM024-1AV/AH	23100	15.00	26400	5.20	28500	22.20	22200	4.50	26200	17.00	17700	3.75	6
	SM036-1CS	SM036-1AV	36100	14.05	44100	4.85	40900	21.05	35200	4.40	37900	16.25	27400	3.65	9
		SM036-1AH	36100	14.85	44100	5.00	40900	22.20	35200	4.50	37900	17.15	27400	3.80	9
	SM048-1CS	SM048-1AV	46900	14.90	56800	5.00	52800	21.25	46600	4.60	48900	16.20	37800	3.90	12
		SM048-1AH	46900	14.25	56800	4.80	52800	21.15	46600	4.40	48900	16.20	37800	3.70	12
	SM060-1CS	SM060-1AV	56100	14.10	74500	5.00	64500	20.50	60500	4.40	58900	16.10	49000	3.80	15
		SM060-1AH	56100	14.45	74500	4.80	64500	20.50	60500	4.30	58900	16.25	49000	3.65	15
PART LOAD	SM024-1CS	SM024-1AV/AH	17200	16.50	19900	5.50	21600	28.60	16200	4.60	20000	23.80	13800	3.90	6
	SM036-1CS	SM036-1AV	27000	16.65	32000	5.85	30600	27.65	25250	4.80	29300	23.60	22400	4.25	9
		SM036-1AH	27000	15.85	32000	6.00	30600	27.00	25250	4.95	29300	22.90	22400	4.35	9
	SM048-1CS	SM048-1AV	35600	18.20	40400	5.50	39400	29.80	34200	4.70	38400	24.25	30200	4.20	12
		SM048-1AH	35600	16.55	40400	5.40	39400	27.85	34200	4.60	38400	23.80	30200	4.10	12
	SM060-1CS	SM060-1AV	42800	16.00	54500	5.70	49600	27.00	44200	4.70	47900	23.30	39400	4.20	15
		SM060-1AH	42800	16.35	54500	5.60	49600	27.10	44200	4.50	47900	23.15	39400	3.95	15

SM SPLIT CONDENSING SECTION				
MODEL	HEAT RECOVERY PACKAGE (HRP)	COAXIAL WATER COIL	SM SPLIT CONDENSING SECTION PART NUMBER	LIST PRICE
SM024-1CS	D	C	7-735-053-064	\$7,856
		N	7-735-033-742	\$8,208
SM036-1CS		C	7-735-070-887	\$8,170
		N	7-735-074-646	\$8,536
SM048-1CS		C	7-735-037-836	\$9,462
		N	7-735-029-232	\$9,881
SM060-1CS		C	7-735-029-435	\$10,468
		N	7-735-032-365	\$10,940
SM024-1CS	X	C	7-735-067-767	\$7,002
		N	7-735-066-870	\$7,354
SM036-1CS		C	7-735-082-750	\$7,316
		N	7-735-074-361	\$7,682
SM048-1CS		C	7-735-037-841	\$8,608
		N	7-735-053-340	\$9,027
SM060-1CS		C	7-735-034-678	\$9,614
		N	7-735-077-745	\$10,086

SM SPLIT AIR HANDLER SECTION					
MODEL	RETURN AIR CONFIGURATION	DISCHARGE AIR CONFIGURATION	INTERNAL ELECTRIC HEAT	CABINET CONFIGURATION	LIST PRICE
SM024-1AV	L	T	X	7-735-030-102	\$5,010
	R			7-735-036-004	\$5,010
SM024-1AH	L	S		7-735-028-881	\$5,010
	L	E		7-735-037-262	\$5,010
	R	S		7-735-029-124	\$5,010
	R	E		7-735-035-887	\$5,010
SM036-1AV	L	T		7-735-071-018	\$5,399
	R			7-735-071-234	\$5,399
SM036-1AH	L	S		7-735-073-879	\$5,399
	L	E		7-735-073-880	\$5,399
	R	S		7-735-075-759	\$5,399
	R	E		7-735-074-522	\$5,399
SM048-1AV	L	T		7-735-030-520	\$6,236
	R			7-735-032-393	\$6,236
SM048-1AH	L	S		7-735-030-351	\$6,236
	L	E		7-735-034-627	\$6,236
	R	S		7-735-032-373	\$6,236
	R	E		7-735-028-988	\$6,236
SM060-1AV	L	T		7-735-028-932	\$6,898
	R			7-735-036-177	\$6,898
SM060-1AH	L	S		7-735-032-382	\$6,898
	L	E		7-735-052-901	\$6,898
	R	S		7-735-034-261	\$6,898
	R	E		7-735-033-289	\$6,898
SM024-1AV	L	T	A (5kW)	7-735-033-642	\$5,489
	R			7-735-032-874	\$5,489
SM024-1AH	L	S		7-735-078-087	\$5,489
	L	E		7-735-030-074	\$5,489
	R	S		7-735-079-431	\$5,489
	R	E		7-735-031-236	\$5,489
SM024-1AV	L	T	C (10kW)	7-735-035-874	\$5,589
	R			7-735-040-714	\$5,589
SM024-1AH	L	S		7-735-079-432	\$5,589
	L	E		7-735-032-883	\$5,589
	R	S		7-735-079-433	\$5,589
	R	E		7-735-036-337	\$5,589

SM SPLIT AIR HANDLER SECTION					
MODEL	RETURN AIR CONFIGURATION	DISCHARGE AIR CONFIGURATION	INTERNAL ELECTRIC HEAT	CABINET CONFIGURATION	LIST PRICE
SM036-1AV	L	T	A (5kW)	7-735-072-379	\$6,457
	R			7-735-079-434	\$6,457
SM036-1AH	L	S		7-735-079-435	\$6,457
	L	E		7-735-073-881	\$6,457
	R	S		7-735-078-088	\$6,457
	R	E		7-735-079-436	\$6,457
SM036-1AV	L	T	C (10kW)	7-735-071-240	\$6,994
	R			7-735-071-241	\$6,994
SM036-1AH	L	S		7-735-078-089	\$6,994
	L	E		7-735-071-277	\$6,994
	R	S		7-735-078-129	\$6,994
	R	E		7-735-077-007	\$6,994
SM048-1AV	L	T	C (10kW)	7-735-033-825	\$7,214
	R			7-735-034-671	\$7,214
SM048-1AH	L	S		7-735-078-080	\$7,214
	L	E		7-735-029-436	\$7,214
	R	S		7-735-078-131	\$7,214
	R	E		7-735-028-989	\$7,214
SM048-1AV	L	T	D (15kW)	7-735-036-935	\$7,701
	R			7-735-043-243	\$7,701
SM048-1AH	L	E		7-735-037-865	\$7,701
	R	E		7-735-029-623	\$7,701
SM060-1AV	L	T	C (10kW)	7-735-030-850	\$7,556
	R			7-735-029-715	\$7,556
SM060-1AH	L	S		7-735-078-130	\$7,556
	L	E		7-735-038-204	\$7,556
	R	S		7-735-078-348	\$7,556
	R	E		7-735-041-409	\$7,556
SM060-1AV	L	T	D (15kW)	7-735-038-045	\$7,855
	R			7-735-059-899	\$7,855
SM060-1AH	L	E		7-735-029-904	\$7,855
	R	E		7-735-038-281	\$7,855

Note: Part numbers without list prices are products currently not available



Option 2

Bosch's SM Split CS + Bosch's BVA2.0 Air Handler

						WATER LOOP HEAT PUMP				GROUND WATER HEAT PUMP				GROUND LOOP HEAT PUMP					
						COOLING 86°F		HEATING 68°F		COOLING 86°F		HEATING 68°F		COOLING 86°F		HEATING 68°F			
	CONDENSING SECTION	CONDENSING SECTION PART NUMBER	WATER COAXIAL COIL	HEAT RECOVERY PACKAGE	AIR HANDLER	AIR HANDLER PART NUMBER	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	FLUID FLOW GPM
FULL LOAD	SM024-1CS	7735053064	C	D	BVA-24WN1-M20	8733952439	25400	15.00	29700	5.50	28600	22.10	24200	4.80	26500	16.60	19000	4.00	6
		7735067767	C	X															
	SM036-1CS	7735070887	C	D	BVA-36WN1-M20	8733952440	35000	14.00	44500	5.20	38400	21.30	36500	4.50	36400	16.80	29200	3.95	9
		7735082750	C	X															
	SM048-1CS	7735037836	C	D	BVA-48WN1-M20	8733952441	49500	15.70	56200	5.30	54000	23.10	47000	4.80	51700	18.10	38000	4.00	12
		7735037841	C	X															
	SM060-1CS	7735029435	C	D	BVA-60WN1-M20	8733952442	60400	15.40	75300	5.25	64800	21.80	62300	4.60	62900	17.70	50100	4.00	15
		7735034678	C	X															
PART LOAD	SM024-1CS	7735053064	C	D	BVA-24WN1-M20	8733952439	18300	16.00	21900	5.70	20800	27.30	17700	4.80	19900	22.80	15600	4.20	6
		7735067767	C	X															
	SM036-1CS	7735070887	C	D	BVA-36WN1-M20	8733952440	25300	15.20	32000	5.60	28600	26.90	26200	4.70	27600	22.60	23300	4.25	9
		7735082750	C	X															
	SM048-1CS	7735037836	C	D	BVA-48WN1-M20	8733952441	36400	17.50	40900	5.70	40900	29.90	34100	4.80	39600	25.10	30800	4.40	12
		7735037841	C	X															
	SM060-1CS	7735029435	C	D	BVA-60WN1-M20	8733952442	44000	16.80	54600	5.75	49800	28.00	44200	4.80	48100	23.90	39400	4.40	15
		7735034678	C	X															



Option 3

Bosch's SM Split CS + Bosch Cased Coil + Furnace

						WATER LOOP HEAT PUMP				GROUND WATER HEAT PUMP				GROUND LOOP HEAT PUMP					
						COOLING 86°F		HEATING 68°F		COOLING 86°F		HEATING 68°F		COOLING 86°F		HEATING 68°F			
	CONDENSING SECTION	CONDENSING SECTION PART NUMBER	WATER COAXIAL COIL	HEAT RECOVERY PACKAGE	CASED COIL	CASED COIL PART NUMBER	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	COOLING CAPACITY (BTU/HR)	EER	HEATING CAPACITY (BTU/HR)	COP	FLUID FLOW GPM
FULL LOAD	SM024-1CS	7735053064	C	D	BMAC2430BNTD	8733947948	24400	15.70	29200	5.40	27400	23.20	24000	4.80	25500	18.10	18900	3.95	6
		7735067767	C	X															
	SM036-1CS	7735070887	C	D	BMAC3036BNTD	8733947951	35300	13.90	43100	5.00	39600	20.50	36000	4.60	37100	16.40	29800	4.05	9
		7735082750	C	X															
	SM048-1CS	7735037836	C	D	BMAC4248CNTF	8733947954	48400	15.10	54000	5.00	52000	21.60	45500	4.50	50300	17.50	37200	3.90	12
		7735037841	C	X															
	SM060-1CS	7735029435	C	D	BMAC4860CNTF	8733947956	59500	14.80	67700	4.80	63600	20.50	58600	4.40	61800	16.90	47700	3.80	15
		7735034678	C	X															
PART LOAD	SM024-1CS	7735053064	C	D	BMAC2430BNTD	8733947948	18000	16.30	21900	5.80	20600	28.00	18000	4.80	19700	23.30	16000	4.25	6
		7735067767	C	X															
	SM036-1CS	7735070887	C	D	BMAC3036BNTD	8733947951	26200	16.50	30900	5.40	30000	27.90	25900	4.80	28700	23.40	23500	4.35	9
		7735082750	C	X															
	SM048-1CS	7735037836	C	D	BMAC4248CNTF	8733947954	36200	17.10	40200	5.00	40500	28.20	33500	4.70	39100	24.30	30500	4.30	12
		7735037841	C	X															
	SM060-1CS	7735029435	C	D	BMAC4860CNTF	8733947956	43800	16.20	50700	5.20	49900	26.90	42800	4.60	47700	22.30	38500	4.20	15
		7735034678	C	X															

Warmer Floors Equals Comfort!

Bosch TW Model

Our Geothermal Heat Pump systems are among the most energy and cost efficient systems on the market today and offer the greenest technology for heating applications. This technology uses the relatively constant temperature of the earth, irrespective of the ambient temperature, which makes it extremely efficient year round in virtually any climate.



Features

- ▶ Two-stage scroll compressors⁽¹⁾ offer high efficiency
- ▶ Dual density compressor blankets provide quiet operation
- ▶ Cabinet is made of durable, high quality white pre-painted galvanized steel
- ▶ Schrader access ports, high & low pressure switch, and lockout circuit
- ▶ UPM unit protection module standard on CS models
- ▶ Unit mounted controller standard on US models
- ▶ Single point electrical connection
- ▶ 75VA transformer

Extreme Efficiency

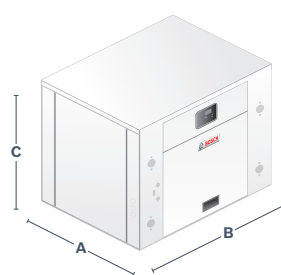
The Greensource CDi Series TW Model with its exclusive design boasts industry leading efficiency at full load heating, and is even more efficient during part load operation. Heating loads are calculated using the extreme conditions so unless peak capacity is required, the unit will run at roughly 2/3 capacity with significantly higher efficiencies than competitive products, providing maximum comfort with minimum energy use. This increases your energy savings even further, saving you money and providing peace-of-mind.

TW MODELS						
SIZE	SOURCE COAX COIL	LOAD COAX COIL	CONTROLS	HEAT RECOVERY PACKAGE	PART NUMBER	LIST PRICE
025	C	C	US	D	7-735-082-198	\$11,900
	N				7-735-082-199	\$12,300
	C		CS	D	7-735-082-200	\$11,100
	N				7-735-082-201	\$11,500
	C	C	US	X	7-735-082-202	\$11,000
	N				7-735-082-203	\$11,400
	C		CS	X	7-735-082-204	\$10,200
	N				7-735-082-205	\$10,600
035	C	C	US	D	7-735-080-996	\$12,200
	N				7-735-080-998	\$12,950
	C		CS	D	7-735-081-317	\$11,400
	N				7-735-081-319	\$12,200
	C	C	US	X	7-735-081-009	\$11,200
	N				7-735-081-010	\$11,950
	C		CS	X	7-735-081-318	\$10,400
	N				7-735-081-320	\$11,200
049	C	C	US	D	7-735-081-001	\$13,500
	N				7-735-081-002	\$14,000
	C		CS	D	7-735-081-003	\$12,700
	N				7-735-081-004	\$13,200
	C	C	US	X	7-735-081-013	\$12,500
	N				7-735-081-014	\$13,000
	C		CS	X	7-735-081-015	\$11,700
	N				7-735-081-016	\$12,200
061	C	C	US	D	7-735-081-005	\$16,100
	N				7-735-081-006	\$16,800
	C		CS	D	7-735-081-007	\$15,300
	N				7-735-081-008	\$16,000

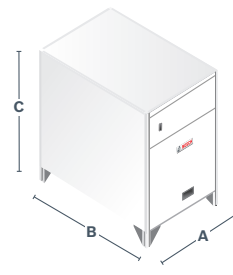
NOTE: CuNi (N) Source Side Coaxial Heat Exchanger Coil (for ground loop side).
 NOTE: If Load CuNi Coaxial Coil option is desired, contact Bosch Commercial Team to inquire about the WT/WW models.
 NOTE: Unit mounted controller (US), UPM only (CS).
 NOTE: Unit with Heat Recovery Package (D), Without HRP (X.)

TW MODELS						
SIZE	SOURCE COAX COIL	LOAD COAX COIL	CONTROLS	HEAT RECOVERY PACKAGE	PART NUMBER	LIST PRICE
061	C	C	US	X	7-735-081-017	\$15,100
	N				7-735-081-018	\$15,800
	C		CS	X	7-735-081-019	\$14,300
	N				7-735-081-020	\$15,000
122	C	C	US	D	7-735-082-642	\$30,200
	N				7-735-082-643	\$31,400
	C		CS	D	7-735-082-644	\$29,400
	N				7-735-082-645	\$30,600
	C	C	US	X	7-735-082-646	\$29,200
	N				7-735-082-647	\$30,400
	C		CS	X	7-735-082-648	\$28,400
	N				7-735-082-649	\$29,600

MODEL NUMBER	DIMENSIONS		
	A (WIDTH)	B (DEPTH)	C (HEIGHT)
TW025	24.0	32.5	24.1
TW035	24.0	32.5	24.1
TW049	24.0	32.5	24.1
TW061	24.0	32.5	24.1
TW122	28.0	46.0	37.5 ⁽²⁾



TW025 - TW061



TW122

The Bosch TW Model high efficiency water to water offers all of the features and comfort of a high end residential appliance, coupled with the ruggedness and durability of a premier commercial unit. These units can be used in many applications such as hydronic floor/baseboard heating, hydronic forced air fan coil heating/cooling, and ice and snow melting.





A Packaged Home Comfort Solution

Bosch CE Model

The Greensource Si Series CE Model geothermal heat pump comes in a horizontal, vertical, or counter-flow configuration. This compact, high efficiency packaged solution can individually replace your old system or be used for a new installation. The CE model comes equipped with the quality and innovative technology that only Bosch can provide.

Features

- ▶ Two-stage compressor
- ▶ Available in 2 through 6 tons
- ▶ Variable Speed ECM Constant Speed CFM motor
- ▶ High performance and low operation costs
- ▶ Environmentally friendly R410-A refrigerant
- ▶ White pre-painted sheet metal cabinet – for durability & look
- ▶ Quiet operation – 1.5# Dual Density Fiberglass Insulation
- ▶ Electronic circuit board with alert LED which can also display fault information on the thermostat.
- ▶ Evaporator coil – Tin electro-plated copper tubing hair pins with aluminum fins for durability & reliability



Features CE Model

Cabinet

Cabinetry is constructed using white pre-painted, galvanized steel for a sleek appliance aesthetic.

Quiet Operation

All panels are insulated with ½" thick, 1.5 lb./cu.ft. density micromat fiberglass insulation for both thermal insulation and noise reduction thereby keeping your home quieter and temperature regulated.

Serviceability

- ▶ Designed to be serviced from the front of the unit.
- ▶ Insulated bulkheads allow the unit to be serviced during operation.

ECM Constant CFM (Variable Speed) Motor

The high efficiency ECM constant CFM motor or constant air (CA) as often referred to, is available in 1/3 hp to 1 hp. The motor provides constant airflow in a wide static pressure range up to 1 in.w.g. to ensure maximum comfort.

2 Stage Compressor

Our intuitive unit adjusts the intensity of your home's heating and cooling needs thereby lowering operating costs while maximizing efficiency and comfort.

Hanging Brackets for Easy Installation

All horizontal (HZ) units come standard with hanging bracket kits for suspending the unit from field supplied hanger rods.

Quality Water Connections

All water connections are heavy duty bronze FPT fittings securely fastened to the unit corner post.

Refrigerant Circuit

Designed using the optimum combination of compressor, water and copper tin plated and aluminum finned evaporator coils with TXV to provide peak performance and improved efficiency.

Superior Warranty

10 Year Limited Parts & Labor Warranty[§]

Improved Air Filtration with 4 Sided Filter Rack & 2" MERV-8 Filter

Allows you to change your filter easily and improve your home's indoor air quality by removing 80% of airborne particles and other allergens as small as 1 micron.

Tin-Plated Evaporator Air Coil

Tin electro-plated copper tubing hair pins with aluminum fins will protect the evaporator coil from most forms of corrosive elements in the airstream.

TXV (Thermal Expansion Valve)

Improves refrigerant management and efficiencies.

Copper or Cupro-Nickel Coil

Option between copper or cupro-nickel heat exchanger, cupro-nickel recommended in conditions anticipating moderate scale formation or brackish water.

Intuitive Alerts & Protection via Electronic Circuit Board

- ▶ Low pressure switch protection
- ▶ High pressure switch protection
- ▶ Alarm output
- ▶ Condensate overflow protection
- ▶ Anti-short cycling
- ▶ 5 minute delay - low pressure bypass at start up
- ▶ Random start of unit
- ▶ Brown out protection
- ▶ Evaporator freeze protection
- ▶ Water coil/coaxial coil/condenser freeze protection
- ▶ Connect to BCC100 data port to receive alert messages

Factory Installed Desuperheater

Option that enables your heat pump to heat domestic hot water, reducing the amount of electricity or fossil fuels otherwise used for your hot water.

Optional Field Installed Accessories

[See page 55 for accessories part numbers and pricing](#)

Pump/Valve Relay Kit

The pump relay kit can be used to energize a supply pump or solenoid valve when there is a call for compressor operation. This relay can be used to switch either high or low voltage power.

Electric Heat Kit

The internal electric heat kit includes 5, 10, 15, or 20 kilowatt back up or an emergency heater can be used depending on the size of the geothermal pump.

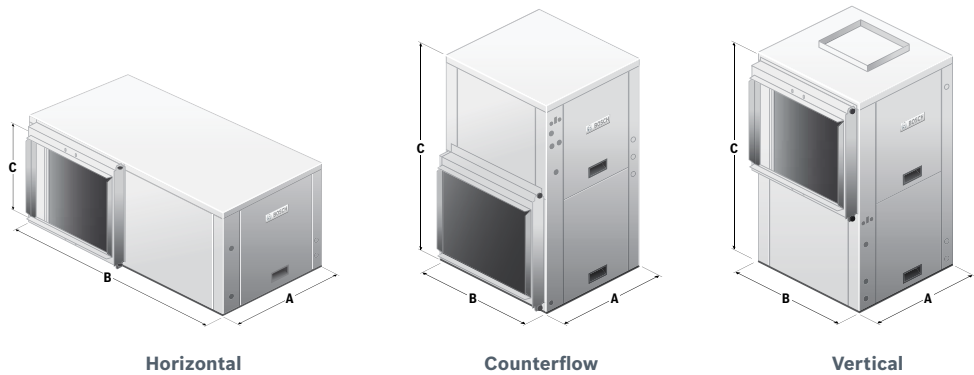
SmartStart Assist Kit

This device reduces starting (inrush) current for compressors by 45% to 65%, minimizing "light flickering" during compressor starts and extending the life of the compressor. Designed for single phase scroll compressors.

Horizontal (HZ) Discharge Air Conversion

All HZ units come standard with End Blow Discharge Air configuration. Straight Through Discharge Air can be easily field configured.

System & Technical Information



MODEL	DIMENSIONS					
	VERTICAL/COUNTERFLOW			HORIZONTAL		
	A (WIDTH)	B (DEPTH)	C (HEIGHT)	A (WIDTH)	B (DEPTH)	C (HEIGHT)
CE025	21.50	26.00	47.25	26.00	54.50	21.75
CE035	21.50	26.00	47.25	26.00	54.50	21.75
CE049	24.00	32.75	47.25	30.00	68.00	21.75
CE061	26.00	33.25	51.25	30.00	68.00	21.75
CE071	26.00	33.25	58.25	30.00	78.00	21.75



A Zero Energy Capable Home for Peace of Mind

The Bosch zero energy capable home is a full systems approach to creating a house that is not an energy drain on the planet’s finite resources. This technology helps homeowners to reduce their monthly utility bills and protect the environment.

Bosch has assembled a comprehensive suite of heating, cooling, water heating, and energy-efficient appliances that, when installed in a home, reduces home energy usage due to intelligent product designs and higher efficiencies. In addition, this approach enables the homeowner to save enough power to offset the already reduced energy demand, meaning virtually a zero energy bill for the homeowner.

Ask your Bosch Contractor or go to [Boschexperiencecenter.com](https://www.boschexperiencecenter.com) to learn more about how Bosch products can work together for your ultimate comfort.

CE MODELS													
SIZE	CABINET CONFIGURATION	REFRIGERATION	COAX COIL	L/R	PART NUMBER	LIST PRICE	SIZE	CABINET CONFIGURATION	REFRIGERATION	COAX COIL	L/R	PART NUMBER	LIST PRICE
025	HZ	D	C	L	7-735-070-715	\$11,715	049	CF	D	C	L	7-735-070-733	\$14,875
025				R	7-735-071-198	\$11,715	049				R	7-735-070-734	\$14,875
025			N	L	7-735-032-013	\$12,238	049			N	L	7-735-071-199	\$15,725
025				R	7-735-070-717	\$12,238	049				R	7-735-038-427	\$15,725
025		X	C	L	7-735-070-718	\$10,817	049		X	C	L	7-735-051-684	\$13,948
025				R	7-735-036-261	\$10,817	049				R	7-735-070-736	\$13,948
025			N	L	7-735-028-879	\$11,340	049			N	L	7-735-030-376	\$14,798
025				R	7-735-029-540	\$11,340	049				R	7-735-030-842	\$14,798
025	VT	D	C	L	7-735-032-322	\$11,715	061	HZ	D	C	L	7-735-070-737	\$16,142
025				R	7-735-070-719	\$11,715	061				R	7-735-070-738	\$16,142
025			N	L	7-735-032-313	\$12,238	061			N	L	7-735-061-391	\$17,056
025				R	7-735-070-720	\$12,238	061				R	7-735-053-498	\$17,056
025		X	C	L	7-735-030-849	\$10,817	061		X	C	L	7-735-070-739	\$15,215
025				R	7-735-033-308	\$10,817	061				R	7-735-070-252	\$15,215
025			N	L	7-735-032-010	\$11,340	061			N	L	7-735-046-218	\$16,129
025				R	7-735-033-124	\$11,340	061				R	7-735-045-959	\$16,129
025	CF	D	C	L	7-735-070-721	\$11,606	061	VT	D	C	L	7-735-032-324	\$16,142
025				R	7-735-034-501	\$11,606	061				R	7-735-051-326	\$16,142
025			N	L	7-735-070-722	\$12,130	061			N	L	7-735-032-316	\$17,056
025				R	7-735-070-723	\$12,130	061				R	7-735-070-740	\$17,056
025		X	C	L	7-735-070-724	\$10,708	061		X	C	L	7-735-032-311	\$15,215
025				R	7-735-054-420	\$10,708	061				R	7-735-030-822	\$15,215
025			N	L	7-735-030-841	\$11,232	061			N	L	7-735-029-786	\$16,129
025				R	7-735-037-099	\$11,232	061				R	7-735-037-009	\$16,129
035	HZ	D	C	L	7-735-070-725	\$13,083	061	CF	D	N	L	7-735-070-743	\$17,819
035				R	7-735-057-468	\$13,083	061				R	7-735-046-483	\$17,819
035			N	L	7-735-070-726	\$13,607	061		X	N	L	7-735-039-193	\$16,892
035				R	7-735-054-129	\$13,607	061				R	7-735-070-745	\$16,892
035		X	C	L	7-735-061-750	\$12,185	071	HZ	D	C	L	7-735-070-746	\$17,037
035				R	7-735-070-727	\$12,185	071				R	7-735-071-202	\$17,037
035			N	L	7-735-030-375	\$12,709	071			N	L	7-735-071-203	\$18,148
035				R	7-735-035-447	\$12,709	071				R	7-735-071-212	\$18,148
035	VT	D	C	L	7-735-030-263	\$13,083	071		X	C	L	7-735-070-750	\$16,110
035				R	7-735-070-728	\$13,083	071				R	7-735-071-204	\$16,110
035			N	L	7-735-032-314	\$13,607	071			N	L	7-735-070-752	\$17,221
035				R	7-735-052-328	\$13,607	071				R	7-735-053-210	\$17,221
035		X	C	L	7-735-032-309	\$12,185	071	VT	D	C	L	7-735-032-325	\$17,037
035				R	7-735-033-307	\$12,185	071				R	7-735-062-363	\$17,037
035			N	L	7-735-029-877	\$12,709	071			N	L	7-735-032-317	\$18,148
035				R	7-735-028-880	\$12,709	071				R	7-735-070-753	\$18,148
035	CF	D	N	L	7-735-063-856	\$13,252	071		X	C	L	7-735-032-312	\$16,110
035				R	7-735-070-730	\$13,252	071				R	7-735-045-440	\$16,110
035		X	N	L	7-735-030-675	\$12,354	071			N	L	7-735-032-308	\$17,221
035				R	7-735-032-961	\$12,354	071				R	7-735-049-831	\$17,221
049	HZ	D	C	L	7-735-070-731	\$14,736	071	CF	D	N	L	7-735-070-756	\$18,956
049				R	7-735-070-732	\$14,736	071				R	7-735-070-757	\$18,956
049			N	L	7-735-032-014	\$15,587	071		X	N	L	7-735-070-760	\$18,029
049				R	7-735-037-422	\$15,587	071				R	7-735-064-808	\$18,029
049		X	C	L	7-735-061-321	\$13,809							
049				R	7-735-051-996	\$13,809							
049			N	L	7-735-028-985	\$14,660							
049				R	7-735-034-077	\$14,660							
049	VT	D	C	L	7-735-032-323	\$14,736							
049				R	7-735-051-325	\$14,736							
049			N	L	7-735-032-315	\$15,587							
049				R	7-735-037-023	\$15,587							
049		X	C	L	7-735-032-310	\$13,809							
049				R	7-735-034-685	\$13,809							
049			N	L	7-735-030-377	\$14,660							
049				R	7-735-032-404	\$14,660							

Note: Part numbers without list prices are products currently not available
D = Factory Installed HRP/Desuperheater, X = No HRP/Desuperheater



Equip Your Home With Quality & Innovative Comfort

Bosch BP Model

The Greensource i Series BP Model geothermal heat pump comes in a horizontal or vertical configuration. This packaged solution can individually replace your old system or be used for a new installation. The BP model comes equipped with the quality and innovative technology that only Bosch can provide.

Features

- ▶ Single-stage rotary (sizes 012, 018) and scroll (sizes 024-048) compressors
- ▶ Available in 1 through 4 tons
- ▶ PSC motor standard on size 012 only
- ▶ ECM motors standard for sizes 018, 024, 030, 036, 042, 048
- ▶ Environmentally friendly R410-A refrigerant
- ▶ White pre-painted sheet metal cabinet – for durability & look
- ▶ 1.5# Dual Density Fiberglass Insulation
- ▶ Electronic circuit board with alert LED display which can also display fault information on the thermostat
- ▶ Evaporator Coil - Tin-plated copper tubing hair pins with high-tech polymer coated Aluminum Fins for durability & reliability



Features BP Model

Cabinet

Cabinetry is constructed using white pre-painted, galvanized steel for a sleek appliance aesthetic.

Quiet Operation

All panels are insulated with ½" thick, 1.5 lb./cu.ft. density micromat fiberglass insulation for both thermal insulation and noise reduction thereby keeping your home quieter and temperature regulated.

Serviceability

- ▶ Designed to be serviced from the front of the unit.
- ▶ Insulated bulkheads allow the unit to be serviced during operation.

High Efficiency Motors

- ▶ PSC (standard) for size 012
- ▶ ECM Constant Torque (standard) for sizes 018-048

Hanging Brackets for Easy Installation

All horizontal (HZ) units come standard with hanging bracket kits for suspending the unit from field supplied hanger rods.

Quality Water Connections

All water connections are heavy duty bronze FPT fittings securely fastened to the unit corner post.

Refrigerant Circuit

Designed using the optimum combination of compressor, water and copper tin plate and aluminum fin evaporator coils with TXV to provide peak performance and improved efficiency.

TXV (Thermal Expansion Valve)

Improves refrigerant management and efficiencies.

Superior Warranty

10 Year Limited Parts & Labor Warranty*

Improved Air Filtration with 4 Sided Filter Rack & 2" MERV-8 Filter

Allows you to change your filter easily and improve your home's indoor air quality by removing 80% of airborne particles and other allergens as small as 1 micron.

DuoGuard™ Air Coil

Tin electro-plated copper tubing with high-tech polymer coated aluminum fins will protect the evaporator coil from all forms of corrosive elements in the air-stream.

Copper or Cupro-Nickel Coil

Option between copper or cupro-nickel heat exchanger, cupro-nickel recommended in conditions anticipating moderate scale formation or brackish water.

Intuitive Alerts & Protection via the Electronic Circuit Board

- ▶ Low pressure switch protection
- ▶ High pressure switch protection
- ▶ Alarm output
- ▶ Condensate overflow protection
- ▶ Anti-short cycling
- ▶ 5 minute delay - low pressure bypass at start up
- ▶ Random start of unit
- ▶ Brown out protection
- ▶ Evaporator freeze protection
- ▶ Water coil/coaxial coil/condenser freeze protection
- ▶ Connect to BCC100 data port to receive alert messages

Warranty

Coverage for your Geothermal Heat Pump

Limited Residential Warranty^s

With the limited residential warranty, you receive peace-of-mind knowing you will be eligible to receive replacement parts protection for up to 10 years. This warranty offering covers all components incorporated into the unit cabinet at the time of manufacture, including a 10 year labor-allowance for defective components to help offset labor expenses if a component should fail. Other components or parts that are purchased from Bosch and installed in the field have a one year replacement parts limited warranty.

Optional Field Installed Accessories

See page 55 for accessories part numbers and pricing

Internal Electric Heat

The field installed internal electric heat kit includes 5, 10, 15, or 20 kilowatt back up or an emergency heater that can be used depending on the size of the geothermal pump.

SmartStart Assist

This device reduces starting (inrush) current for compressors by 45% to 65%, minimizing "light flickering" during compressor starts and extending the life of the compressor. Designed for single phase scroll compressors.

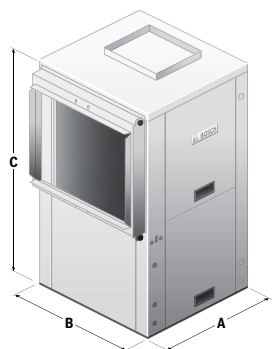
Pump/Valve Relay

The pump/valve relay kit can be used to energize a supply pump or solenoid valve when there is a call for compressor operation. This relay can be used to switch either high or low voltage power.

Horizontal (HZ) Discharge Air Conversion

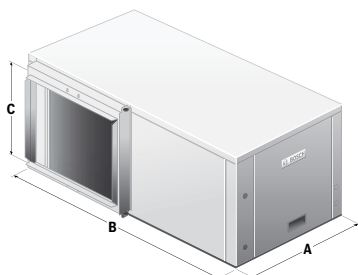
All HZ units come standard with End Blow Discharge Air configuration. Straight Through Discharge Air can be easily field configured.

Vertical



VERTICAL CABINET BP MODEL DIMENSIONS				
MODEL	UNIT	WIDTH (A)	DEPTH (B)	HEIGHT (C)
012	in	21.75	21.75	32.75
	cm	55.25	55.25	83.19
018	in	21.75	21.75	39.25
	cm	55.25	55.25	99.70
024	in	21.75	26.25	47.25
	cm	55.25	66.68	120.02
030	in	24.25	33.50	47.25
	cm	61.60	85.09	120.02
036	in	24.25	33.50	47.25
	cm	61.60	85.09	120.02
042	in	26.25	33.50	58.25
	cm	66.68	85.09	147.96
048	in	26.25	33.50	58.25
	cm	66.68	85.09	147.96

Horizontal



VERTICAL CABINET BP MODEL DIMENSIONS				
MODEL	UNIT	WIDTH (A)	DEPTH (B)	HEIGHT (C)
012	in	22.25	45.25	19.75
	cm	56.52	114.94	50.17
018	in	26.26	45.25	19.75
	cm	66.70	114.94	50.17
024	in	30.25	54.75	22.00
	cm	76.84	139.07	55.88
030	in	30.25	68.25	22.00
	cm	76.84	173.36	55.88
036	in	30.25	68.25	22.00
	cm	76.84	173.36	55.88
042	in	30.25	79.00	22.00
	cm	76.84	200.66	55.88
048	in	30.25	79.00	22.00
	cm	76.84	200.66	55.88

BP MODELS

SIZE	CABINET CONFIGURATION	COAX COIL	RETURN AIR	PART NUMBER	LIST PRICE
012	HZ	C	L	7-735-034-028	\$6,588
012			R	7-735-059-015	\$6,588
018	HZ	C	L	7-735-069-605	\$8,098
018			R	7-735-071-213	\$8,098
018		N	L	7-735-070-779	\$8,355
018			R	7-735-070-780	\$8,355
018	VT	C	L	7-735-070-781	\$8,098
018			R	7-735-070-005	\$8,098
018		N	L	7-735-070-782	\$8,355
018			R	7-735-070-176	\$8,355
024	HZ	C	L	7-735-050-138	\$9,334
024			R	7-735-058-025	\$9,334
024	VT	C	L	7-735-030-746	\$9,334
024			R	7-735-030-412	\$9,334
030	HZ	N	L	7-735-045-120	\$10,277
030			R	7-735-039-297	\$10,277
030	VT	C	L	7-735-032-070	\$9,802
030			R	7-735-051-681	\$9,802
030		N	L	7-735-035-382	\$10,277
030			R	7-735-030-884	\$10,277
036	HZ	C	L	7-735-051-680	\$10,317
036			R	7-735-034-921	\$10,317
036		N	L	7-735-037-439	\$10,791
036			R	7-735-036-361	\$10,791
036	VT	C	L	7-735-041-458	\$10,317
036			R	7-735-055-608	\$10,317
036		N	L	7-735-032-549	\$10,791
036			R	7-735-032-551	\$10,791
042	HZ	N	L	7-735-037-449	\$11,504
042			R	7-735-033-945	\$11,504
042	VT	C	L	7-735-030-747	\$10,869
042			R	7-735-051-683	\$10,869
042		N	L	7-735-030-704	\$11,504
042			R	7-735-034-127	\$11,504
048	HZ	N	L	7-735-040-032	\$12,952
048			R	7-735-039-812	\$12,952
048	VT	C	L	7-735-037-627	\$12,317
048			R	7-735-055-609	\$12,317
048		N	L	7-735-028-878	\$12,952
048			R	7-735-030-885	\$12,952



Quality & Innovative Home Comfort

Bosch SV Model

The i Series Greensource water source heat pump comes equipped with the quality and innovative technology that only Bosch can provide.

Features

- ▶ TXV now standard on all configurations
- ▶ Energy efficient – Meets ASHRAE 90.1 compliance
- ▶ Space saving technology – Small footprint cabinet
- ▶ Available in Vertical and Horizontal
- ▶ Standard copper or optional cupro-nickel coaxial coil
- ▶ 1/2", 1 1/2 lb. Dual density fiberglass insulation
- ▶ High and low pressure switches
- ▶ Electronic circuit board with alert display which can also be displayed via a Bosch BCC thermostat
- ▶ Tin-plated evaporator coil with coated fins - Providing environmental corrosion protection (DuoGuard)
- ▶ Standard PSC blower fan motor
- ▶ 75 VA transformer
- ▶ Galvanized steel cabinet
- ▶ Condensate overflow switch
- ▶ Water coil freeze protection
- ▶ Evaporator coil freeze protection
- ▶ Brownout low voltage protection
- ▶ Standard 1" glass fiber filter and 1" filter rack

Warranty[§]

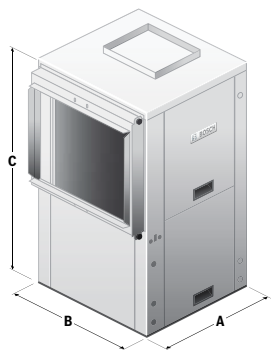
- ▶ 1 year parts limited warranty
- ▶ 5 year compressor limited warranty
- ▶ Extended warranties available see page 49



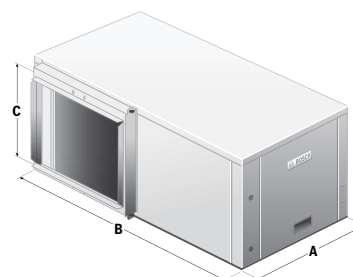
SV MODELS											
SIZE	CABINET CONFIGURATION	COAX COIL	RETURN AIR	PART NUMBER	LIST PRICE	SIZE	CABINET CONFIGURATION	COAX COIL	RETURN AIR	PART NUMBER	LIST PRICE
007	HZ	C	L	7-735-086-391	\$4,330	036	HZ	C	L	7-735-072-023	\$6,692
007			R	7-735-086-393	\$4,330	036			R	7-735-072-098	\$6,692
007		N	L	7-735-086-394	\$4,706	036		N	L	7-735-072-072	\$7,050
007			R	7-735-086-395	\$4,706	036			R	7-735-072-073	\$7,050
007	VT	C	L	7-735-086-396	\$4,146	036	VT	C	L	7-735-072-131	\$6,465
007			R	7-735-086-397	\$4,146	036			R	7-735-072-075	\$6,465
007		N	L	7-735-086-398	\$4,249	036		N	L	7-735-071-545	\$6,821
007			R	7-735-086-399	\$4,249	036			R	7-735-072-076	\$6,821
009	HZ	C	L	7-735-086-400	\$4,330	041	VT	C	L	7-735-073-974	\$6,933
009			R	7-735-086-401	\$4,330	041			R	7-735-071-982	\$6,933
009		N	L	7-735-086-402	\$4,433	041		N	L	7-735-080-203	\$7,246
009			R	7-735-086-403	\$4,433	041			R	7-735-080-204	\$7,246
009	VT	C	L	7-735-077-553	\$4,316	042	HZ	C	L	7-735-072-115	\$7,008
009			R	7-735-077-554	\$4,316	042			R	7-735-072-124	\$7,008
009		N	L	7-735-077-555	\$4,647	042		N	L	7-735-072-125	\$7,326
009			R	7-735-077-556	\$4,647	042			R	7-735-072-126	\$7,326
012	HZ	C	L	7-735-086-404	\$4,414	042	VT	C	L	7-735-072-127	\$6,731
012			R	7-735-086-406	\$4,414	042			R	7-735-072-128	\$6,731
012		N	L	7-735-086-407	\$4,517	042		N	L	7-735-072-129	\$7,050
012			R	7-735-086-408	\$4,517	042			R	7-735-072-130	\$7,050
012	VT	C	L	7-735-086-409	\$4,230	048	HZ	C	L	7-735-072-088	\$8,321
012			R	7-735-086-410	\$4,230	048			R	7-735-072-089	\$8,321
012		N	L	7-735-086-411	\$4,457	048		N	L	7-735-072-090	\$8,585
012			R	7-735-086-412	\$4,457	048			R	7-735-072-091	\$8,585
015	HZ	C	L	7-735-086-413	\$4,708	048	VT	C	L	7-735-072-092	\$8,027
015			R	7-735-086-414	\$4,708	048			R	7-735-071-306	\$8,027
015		N	L	7-735-086-416	\$4,809	048		N	L	7-735-072-093	\$8,291
015			R	7-735-086-420	\$4,809	048			R	7-735-071-702	\$8,291
015	VT	C	L	7-735-086-423	\$4,527	060	HZ	C	L	7-735-080-212	\$10,170
015			R	7-735-086-424	\$4,527	060			R	7-735-080-213	\$10,170
015		N	L	7-735-086-425	\$4,628	060		N	L	7-735-080-215	\$10,602
015			R	7-735-086-426	\$4,628	060			R	7-735-080-216	\$10,602
018	HZ	C	L	7-735-072-057	\$5,379	060	VT	C	L	7-735-080-442	\$9,851
018			R	7-735-071-725	\$5,379	060			R	7-735-080-904	\$9,851
018		N	L	7-735-072-058	\$5,495	060		N	L	7-735-080-444	\$10,282
018			R	7-735-072-116	\$5,495	060			R	7-735-080-445	\$10,282
018	VT	C	L	7-735-072-118	\$5,177	070	HZ	C	L	7-735-078-026	\$12,919
018			R	7-735-071-566	\$5,177	070			R	7-735-078-028	\$12,919
018		N	L	7-735-072-061	\$5,293	070		N	L	7-735-078-029	\$13,428
018			R	7-735-072-062	\$5,293	070			R	7-735-078-030	\$13,428
024	HZ	C	L	7-735-072-119	\$5,824	070	VT	C	L	7-735-077-595	\$12,557
024			R	7-735-072-064	\$5,824	070			R	7-735-077-596	\$12,557
024		N	L	7-735-072-120	\$6,066						
024			R	7-735-072-066	\$6,066						
024	VT	C	L	7-735-071-847	\$5,613						
024			R	7-735-071-569	\$5,613						
024		N	L	7-735-071-863	\$5,855						
024			R	7-735-072-121	\$5,855						
030	HZ	C	L	7-735-072-068	\$5,990						
030			R	7-735-072-069	\$5,990						
030		N	L	7-735-071-864	\$6,262						
030			R	7-735-072-070	\$6,262						
030	VT	C	L	7-735-072-071	\$5,779						
030			R	7-735-071-165	\$5,779						
030		N	L	7-735-071-573	\$5,852						
030			R	7-735-072-114	\$5,852						

System & Technical Information

Vertical



Horizontal



Vertical Cabinet SV Model Dimensions				
Model	Unit	Width (A)	Depth (B)	Height (C)
007 - 012	in	19.0	19.0	24.3
	cm	48.3	48.3	61.6
015 - 018	in	21.5	21.5	32.3
	cm	54.6	54.6	81.9
024, 030, 041	in	21.5	21.5	39.3
	cm	54.6	54.6	99.7
036, 042	in	21.5	26.0	44.3
	cm	54.6	66.0	109.9
048 - 060	in	24.0	32.5	45.3
	cm	61.0	82.6	114.9
070	in	26.0	33.3	58.3
	cm	66.0	84.5	148.0

Horizontal Cabinet SV Model Dimensions				
Model	Unit	Width (A)	Depth (B)	Height (C)
007 - 012	in	19.0	33.0	11.5
	cm	48.3	83.8	29.2
015-018	in	22.0	43.0	17.0
	cm	55.9	109.2	43.2
024-030	in	22.0	43.0	18.0
	cm	55.9	109.2	43.2
036, 042	in	22.0	54.5	19.0
	cm	55.9	138.4	48.3
048 - 060	in	25.0	54.5	21.0
	cm	63.5	138.4	53.3
070	in	25.0	65.0	21.0
	cm	63.5	165.1	53.3

Notes: All dimensions within $\pm 0.125"$. All condensate drain connections are 3/4" FPT. Horizontal models can be field converted between end blow and straight through supply air configurations. Specifications subject to change without notice. 1" filter rack extends 1.23" beyond the side of the unit.

Extended Warranty

		PART NUMBER	TYPE OF EXTENDED WARRANTY	NET PRICE
SV Extended Warranty		7-738-003-550	007-025 (2 to 5 Years Extended Refrigeration Circuit Limited Warranty)	\$76
		7-738-003-551	030-042 (2 to 5 Years Extended Refrigeration Circuit Limited Warranty)	\$100
		7-738-003-552	048-071 (2 to 5 Years Extended Refrigeration Circuit Limited Warranty)	\$163
		7-738-003-557	007-025 (2 to 5 Years Extended Parts Limited Warranty)	\$123
		7-738-003-558	030-042 (2 to 5 Years Extended Parts Limited Warranty)	\$211
		7-738-003-559	048-071 (2 to 5 Years Extended Parts Limited Warranty)	\$278
		7-738-003-564	007-025 (2 to 5 Years Extended Parts Limited Warranty with Labor Allowance)	\$239
		7-738-003-565	030-042 (2 to 5 Years Extended Parts Limited Warranty with Labor Allowance)	\$347
		7-738-003-566	048-071 (2 to 5 Years Extended Parts Limited Warranty with Labor Allowance)	\$475
		7-738-003-599	007-025 (2 Year Extended Parts & Refrig. Circuit Limited Warranty & 3 Years Labor)	\$226
		7-738-003-600	030-042 (2 Year Extended Parts & Refrig. Circuit Limited Warranty & 3 Years Labor)	\$330
		7-738-003-601	048-071 (2 Year Extended Parts & Refrig. Circuit Limited Warranty & 3 Years Labor)	\$452

Note: These extended warranties will be offered and made available up to 90 days from date of invoice or certified startup date depending on the application in which the unit is installed. A residential application is defined as a single family housing unit and an extended warranty is available for purchase up to 90 days from certified startup date of the unit. Proof of startup date may be requested. All other applications will be deemed commercial and an extended warranty is available for purchase up to 90 days from invoice date of the unit from Bosch Thermotechnology Corp.



The Simply Smart Unitary Hydronic Air Handlers

Bosch HY Model

The Greensource Si Series HY Model Air Handler delivers air throughout your home with optimal temperature and dehumidification during those hot and humid summer months and warm and cozy air in those cold winter months. This is all made possible by it's variable speed electronically commutated motor. The HY Model will increase your comfort and save you money because of it's high efficiency motor and advanced performance.

Features

- ▶ SECM 2.3 Constant CFM Motor
- ▶ Can be used with the Bosch Greensource CDi Series TW model water-to-water units for ducted heating and cooling
- ▶ Can be combined with any Bosch/Buderus boiler for ducted heat
- ▶ 4-way multiposition, accessory kit required for downflow application
- ▶ 1" cabinet insulation
- ▶ Powder coated doors and top panel
- ▶ Hydronic connections in front
- ▶ Electrical connections on top or sides
- ▶ Plenum collar on supply outlet
- ▶ High temperature, UV approved plastic drain pans
- ▶ 10-Year Parts Limited Warranty[§]
- ▶ 5-Year Parts Limited Warranty on air side coil[§]



Reliable Indoor Comfort

The HY Model Air Handler can easily upgrade a typical fan coil or air handler to help make the unmatched efficiency of Bosch a reality for you! Bosch offers a complete range of unitary air handlers for both Hydronic applications. This single piece air handler provides the flexibility for installation in any upflow, downflow, or horizontal application.

- 1 Bosch offers a complete range of fan coil units from 2 through 6 ton sizes. These units are constructed with heavy duty commercial grade pre-painted steel for durability. The unit comes standard for upflow applications and are field convertible for horizontal right, horizontal left, or downflow/counterflow applications.
- 2 The blower motor is a variable speed constant CFM ECM (electronically commutated motor) and comes standard in all size units. These motors can deliver comfortable air flow at quiet sound levels, and is more efficient than a standard single speed motor. Variable speed motors can therefore remove more humidity that a conventional system by slowing down the blower, allowing the coil to get very cold with low air flow, wringing out as much moisture out of the home as possible.
- 3 Foil back insulation helps to ensure against energy loss through the cabinet as well as keeping the unit quiet.

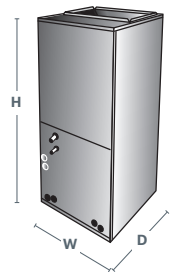


- 4 The "A" shaped coil is a specifically designed evaporator coil shape that allows for low static pressure drop and high efficiency heat transfer capabilities along with latent (water) removal. The units come standard with a thermal expansion valve (TXV) to ensure proper refrigerant flow during all conditions in order to optimize the unit's process to the highest efficiency possible.
- 5 Bosch's "A" shaped coil includes two drain pans to help reduce the build-up of mold, bacteria and airborne pollutants. The vertical pan is made of a strong recognized rated 94-5V (QMFZ2) plastic, Nylon and glass that is durable enough to withstand 400°F without any distortion.
- 6 The horizontal pan is also made of the same plastic as well as poly-vinyl chloride (PVC) for strength and durability. For your protection, both drain pans have also been tested to resist UVC light.
- 7 Electric heat can be added to the HY fan coil.

System & Technical Information

HY SERIES, UNITARY AIR HANDLER			
MODEL NUMBER	MODEL AND DESCRIPTION	PART NUMBER	LIST PRICE
HY025	Vertical or Horizontal 2 ton	7-738-002-716	\$4,314
HY035	Vertical or Horizontal 3 ton	7-738-002-717	\$4,377
HY049	Vertical or Horizontal 4 ton	7-738-002-718	\$4,698
HY061	Vertical or Horizontal 5 ton	7-738-002-719	\$4,861
HY071	Vertical or Horizontal 6 ton	7-738-002-720	\$5,916

DIMENSIONS & WEIGHT - IN INCHES & POUNDS				
MODEL NUMBER	W (WIDTH)	D (DEPTH)	H (HEIGHT)	WEIGHT (LBS.)
HY025	17.50	43.00	21.00	130
HY035	21.00	48.00	21.00	145
HY049	24.50	58.75	21.75	215
HY061	24.50	58.75	21.75	215
HY071	24.50	58.75	21.75	218



MODEL DESCRIPTION	PART NUMBER	LIST PRICE
DOWN FLOW KIT		
Vertical or Horizontal 2 ton	7-738-002-782	\$371
Vertical or Horizontal 3 ton	7-738-002-783	\$491
Vertical or Horizontal 4 ton	7-738-002-784	\$920
Vertical or Horizontal 5 ton	7-738-002-785	\$920
Vertical or Horizontal 6 ton	7-738-002-786	\$920
HYDRONIC CONTROLLER		
Controller Hydronic Auto Changeover	8-733-927-203	\$46
FILTER BASE KITS		
Vertical and Horizontal 2 ton	7-738-002-787	\$243
Vertical and Horizontal 3 ton	7-738-002-788	\$261
Vertical and Horizontal 4, 5 & 6 ton	7-738-002-789	\$274








FIELD INSTALLED ELECTRIC HEAT KITS (ALL BREAKERS)		
MODEL DESCRIPTION	PART NUMBER	LIST PRICE
For 2 ton units, 5 kW	7-738-002-790	\$400
For 3 ton units, 5 kW	7-738-002-791	\$417
For 3 ton units, 10 kW	7-738-002-792	\$461
For 4 ton units, 10 kW	7-738-002-793	\$536
For 4 ton units, 15 kW	7-738-002-794	\$855
For 5 ton units, 10 kW	7-738-002-795	\$536
For 5 ton units, 15 kW	7-738-002-796	\$855
For 5 ton units, 20 kW	7-738-002-797	\$958
For 6 ton units, 10 kW	7-738-002-798	\$536
For 6 ton units, 15 kW	7-738-002-799	\$855
For 6 ton units, 20 kW	7-738-002-800	\$958

Maximum Comfort For Less, From Anywhere!

Bosch Connected Control Thermostat BCC50

The Bosch Connected Control BCC50 Thermostat is compatible with the majority of 24VAC heating and cooling equipment to help you save energy and money. Easily control your home's temperature from the intuitive interface using the 5 back-lit touch buttons, the Bosch Connected Control smartphone app or your voice with the Bosch Connected Control Alexa Smart Home Skill and your Alexa-enabled smart devices or with google assistant.

Features

-  **Connectivity**
Connect to your HVAC equipment from anywhere
-  **Auto-on Safety Control**
Keep your home safe using app alerts & auto-on feature
-  **Sleek Design with Touch Buttons**
Sleek design that will look great in your home, with 5 bright illuminated touch buttons & color screen
-  **HVAC Filter Reminder**
Get alerts when its time to replace your system's air filter
-  **Programmable**
Follows preset or user-defined schedules
-  **Compatibility**
Compatible with majority of HVAC systems (requires C-wire)
-  **Enabled Smart Devices Compatible**
Works with Google Assistant or Alexa





The Bosch Connected Control BCC50 Thermostat blends into any room by automatically turning off the backlit touch buttons when not in use and displaying only the essential temperature information on the screen.



Product Specifications

- ▶ 2.8" Non-Touch LCD Screen (240 x 320)
- ▶ 5 back-lit touch buttons
- ▶ Supports 2 Transformer Systems (R/RC and RH)
- ▶ C-Wire Required for Installation
- ▶ 6 Relay Terminals: G, Y, Y2, W/E/AUX, O/B/W2, H/DH
- ▶ Wi-Fi 802.11 b/g/n @ 2.4GHz
- ▶ 3 year limited warranty^s

THERMOSTAT MODEL	PART NUMBER	LIST PRICE
Bosch Connected Control BCC50 Thermostat	8-733-952-994	\$277

SPARE PARTS	PART NUMBER	LIST PRICE
Wall Plate, Screws & Wall Anchors	8-733-952-995	\$31

Product Compatibility

- ▶ Conventional (Gas, Oil, Electric): Up to 2 Heat / 2 Cool
- ▶ Heat Pump: Up to 3 Heat / 2 Cool
- ▶ 1 Accessory: Humidifier or Dehumidifier
- ▶ Unit Modes: Heat, Cool, Auto, Em Heat (Heat Pump & Dual Fuel only), Off
- ▶ Fan Modes: Auto, On, Circulate

In The Box

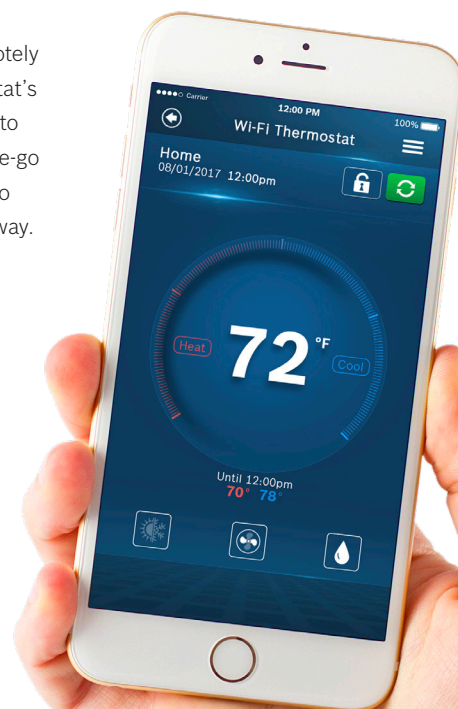
- ▶ BCC50 Thermostat
- ▶ BCC50 Wall Plate
- ▶ Installation Guide
- ▶ User Manual
- ▶ Screws & Wall Anchors

Bosch Connected Control App

The app allows you to remotely control all of your thermostat's settings. It also allows you to adjust your schedule on-the-go or set it to vacation mode to save energy while you're away.

You can also connect an unlimited number of thermostats and manage up to 4 schedules per thermostat.

This is a perfect solution to help you achieve maximum comfort with minimum effort!









Achieve Maximum Comfort From Anywhere!



Bosch Connected Control Thermostat BCC100

The Bosch Connected Control BCC100 Thermostat is compatible with a majority of 24VAC heating and cooling equipment to help you save energy and money. Easily control your home's temperature from the full color 5" touchscreen display, the Bosch Connected Control app or your voice with the Bosch Connected Control Alexa Smart Home Skill and your Alexa-enabled smart devices. Connect to Wi-Fi to view local weather data and to determine your optimal in-home temperature throughout the day.

Features

-  **Connectivity**
Connect to your HVAC equipment from anywhere
-  **Weather**
Access your local forecast from your thermostat
-  **5" Full-Color Touch Screen**
Large screen for ease-of-use and offline access
-  **Programmable**
Follows preset or user-defined schedule
-  **Compatibility**
Compatible with majority of HVAC systems (requires C-wire)
-  **Enabled Smart Devices Compatible**
Works with Google Assistant or Alexa





Product Specifications

- ▶ 5 inch Touch Screen 854 x 480 Pixels
- ▶ Supports 2 Transformer Systems (R/RC and RH)
- ▶ C-Wire Required for Installation
- ▶ 7 Relay Terminals: G, Y, Y2, W/E, W2/AUX, O/B, H/DH
- ▶ 1 Data Terminal: receives fault messages from Bosch Water Source Heat Pumps
- ▶ Wi-Fi 802.11 b/g/n @ 2.4GHz
- ▶ 5 year limited warranty^{\$}

Product Compatibility

- ▶ Conventional (Gas, Oil, Electric): Up to 2 Heat / 2 Cool
- ▶ Heat Pump: Up to 4 Heat / 2 Cool
- ▶ 1 Accessory: Humidifier or Dehumidifier
- ▶ Unit Modes: Heat, Cool, Auto, Em Heat (Heat Pump & Dual Fuel only), Off
- ▶ Fan Modes: Auto, On, Circulate

In The Box

- | | |
|---------------------|-------------------------|
| ▶ BCC100 Thermostat | ▶ Wire Labels |
| ▶ BCC100 Wall Plate | ▶ Screwdriver |
| ▶ User Guide | ▶ Screws & Wall Anchors |
| ▶ Video Card | ▶ Jumper Cable |

Certifications

- ▶ FCC: 2AGDABCC-100 (US)
- ▶ IC: 2AGDABCC-100 (CA)

^{\$}For complete warranty details please go to boschheatingandcooling.com

THERMOSTAT MODEL	PART NUMBER	LIST PRICE
Bosch Connected Control BCC100 Thermostat	8-733-948-009	\$368

SPARE PARTS	PART NUMBER	LIST PRICE
Wall Plate, Screwdriver, Screws & Wall Anchors, Jumper Cable	8-733-948-984	\$19

Bosch Connected Control App



The app allows you to remotely control all of your thermostat's settings. It also allows you to adjust your schedule on-the-go or set it to vacation mode to save energy while you're away. You can also connect an unlimited number of thermostats and manage up to 4 schedules per thermostat.

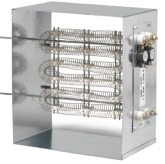
This is a perfect solution to help you achieve maximum comfort with minimum effort!



Duct Mounted & Internal Electric Heater Kits

Duct Mounted Electric Heat Kits

- ▶ Only available in single phase 208/230V voltages
- ▶ Please refer to Manufacturer's Installation and Operation Manual for proper installation and guidelines
- ▶ It is recommended to use a seven (7) conductor cable for thermostat interface
- ▶ It is required for the duct mounted heater to have an independent power supply
- ▶ In fiberglass duct systems, a metal sleeve MUST be used as an insert and support to the electric heater



DESCRIPTION	SIZE	NOMINAL DIMENSION IN INCHES	PART NUMBER	LIST PRICE
Duct Heater	5 kW	14 x 14	7-738-002-745	\$556
Duct Heater	5 kW	14 x 16	7-738-002-746	\$556
Duct Heater	5 kW	16 x 16	7-738-002-748	\$572
Duct Heater	5 kW	18 x 18	7-738-002-750	\$711
Duct Heater	10 kW	14 x 16	7-738-002-747	\$722
Duct Heater	10 kW	16 x 16	7-738-002-749	\$750
Duct Heater	10 kW	18 x 18	7-738-002-751	\$883
Duct Heater	15 kW	18 x 18	7-738-002-752	\$1467
Duct Heater	20 kW	18 x 18	7-738-002-753	\$1844

NOMINAL BTUH	PART NUMBER				NOMINAL CFM	DUCT FLANGE CONNECTION IN INCHES
	5 KW	10KW	15KW	20KW		
18,000	7-738-002-745	-	-	-	600	13.75 x 13.75
24,000	7-738-002-746	7-738-002-747	-	-	800	13.75 x 15.75
30,000	7-738-002-748	7-738-002-749	-	-	1,000	15.75 x 15.75
36,000	7-738-002-748	7-738-002-749	-	-	1,200	15.75 x 15.75
42,000	7-738-002-747	7-738-002-751	7-738-002-752	-	1,400	17.75 x 17.75
48,000	7-738-002-747	7-738-002-751	7-738-002-752	-	1,600	17.75 x 17.75
60,000	7-738-002-747	7-738-002-751	7-738-002-752	7-738-002-753	2,000	17.75 x 17.75
70,000	7-738-002-747	7-738-002-751	7-738-002-752	7-738-002-753	2,200	17.75 x 17.75

Field Installed Internal Electric Heat Kits

- ▶ Only available in single phase 208/230V voltages
- ▶ Available in 5, 10, 15, and 20 kW kits
- ▶ Please refer to Manufacturer's installation and Operation for proper installation and guidelines
- ▶ Requires separate electrical service connection, independent from the heat pump's power supply.



UNIT MODEL & KW	HK050-1201C	HK100-1201C	HK150-1201C	HK200-1201C	HK050-1201	HK100-1201	HK150-1201	HK200-1201	HK050-1202	HK100-1202	HK150-1202
	5 KW	10 KW	15 KW	20 KW	5 KW	10 KW	15 KW	20 KW	5 KW	10 KW	15 KW
PART NUMBER	8-733-951-427	8-733-951-428	8-733-951-429	8-733-951-430	8-733-952-087	8-733-952-088	8-733-952-089	8-733-952-090	8-733-938-152	8-733-938-153	8-733-938-154
LIST PRICE	\$670	\$840	\$1,040	\$1,120	\$385	\$487	\$745	\$930	\$412	\$506	\$760
SM024 1VT/HZ (Rev C)	✓	✓	-	-	-	-	-	-	-	-	-
SM036 1VT/HZ (Rev C)	✓	✓	✓	-	-	-	-	-	-	-	-
SM048 1VT/HZ (Rev C)	✓	✓	✓	✓	-	-	-	-	-	-	-
SM060 1VT/HZ (Rev C)	✓	✓	✓	✓	-	-	-	-	-	-	-
SM070 1VT/HZ (Rev C)	✓	✓	✓	✓	-	-	-	-	-	-	-
SM024 Split 1AH/AV	-	-	-	-	-	-	-	-	✓	✓	-
SM036 Split 1AH/AV	-	-	-	-	-	-	-	-	✓	✓	-
SM048 Split 1AH/AV	-	-	-	-	-	-	-	-	-	✓	✓
SM060 Split 1AH/AV	-	-	-	-	-	-	-	-	-	✓	✓
CE025 1VT/HZ/CF	-	-	-	-	✓	✓	-	-	-	-	-
CE035 1VT/HZ/CF	-	-	-	-	✓	✓	-	-	-	-	-
CE049 1VT/HZ/CF	-	-	-	-	✓	✓	✓	✓	-	-	-
CE061 1VT/HZ/CF	-	-	-	-	✓	✓	✓	✓	-	-	-
CE071 1VT/HZ/CF	-	-	-	-	✓	✓	✓	✓	-	-	-
BP012 1VT/HZ	-	-	-	-	-	-	-	-	-	-	-
BP018 1VT/HZ	-	-	-	-	✓	-	-	-	-	-	-
BP024 1VT/HZ	-	-	-	-	✓	✓	-	-	-	-	-
BP030 1VT/HZ	-	-	-	-	✓	✓	-	-	-	-	-
BP036 1VT/HZ	-	-	-	-	✓	✓	✓	-	-	-	-
BP042 1VT/HZ	-	-	-	-	✓	✓	✓	-	-	-	-
BP048 1VT/HZ	-	-	-	-	✓	✓	✓	✓	-	-	-

Stainless Steel Hose Kits

Apply Commercial Multiplier



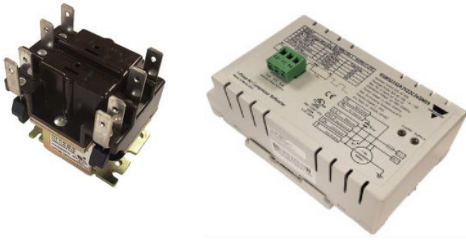
OPTIONS	OPTION 1	OPTION 2	OPTION 3"	OPTION 4""""	OPTION 5""""	OPTION 6""""
HOSE SIZE (LENGTH, DIAMETER)	HOSES ONLY WITH SWIVEL (QUANTITY 2)	HOSE KIT HOSES WITH PORTED BALL VALVES, SWIVEL AND ONE P/T	HOSE KIT WITH AUTOMATIC FLOW VALVE (AFV)*	HOSE KIT WITH AFV, Y-STRAINER & BLOW DOWN VALVE*	HOSE KIT WITH AFV AND ELECTRIC VALVE*	HOSE KIT WITH AFV, Y-STRAINER, BDV AND ELECTRIC VALVE*
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
	LIST PRICE	LIST PRICE	LIST PRICE	LIST PRICE	LIST PRICE	LIST PRICE
12 INCH						
1/2" L	T-111-H02-121	T-111-H02-122	T-111-H02-123	T-111-H02-124	T-111-H02-125	T-111-H02-126
	\$49	\$138	\$216	\$244	\$399	\$427
24 INCH						
3/4" S	T-111-H03-241	T-111-H03-242	T-111-H03-243	T-111-H03-244	T-111-H03-245	T-111-H03-246
	\$108	\$222	\$324	\$377	\$521	\$575
1" L	T-111-H04-241	T-111-H04-242	T-111-H04-243	T-111-H04-244	T-111-H04-245	T-111-H04-246
	\$171	\$319	\$407	\$448	\$619	\$660
1" S	T-111-H04-241	T-111-H04-242	T-111-H04-247	T-111-H04-248	T-111-H04-249	T-111-H04-240
	\$171	\$319	\$525	\$565	\$740	\$780
1-1/4" S	T-111-H05-241	T-111-H05-242	T-111-H05-243	T-111-H05-244	T-111-H05-245	T-111-H05-246
	\$289	\$536	\$706	\$809	\$1197	\$1302
1-1/2" L	T-111-H06-241	T-111-H06-242	T-111-H06-243	T-111-H06-244	T-111-H06-245	T-111-H06-246
	\$356	\$683	\$828	\$917	\$1432	\$1522
1-1/2" S	T-111-H06-241	T-111-H06-242	T-111-H06-247	T-111-H06-248	T-111-H06-249	T-111-H06-240
	\$356	\$683	\$1069	\$1156	\$1676	\$1766
2" S	T-111-H08-241	T-111-H08-242	T-111-H08-243	T-111-H08-244	T-111-H08-245	T-111-H08-246
	\$478	\$890	\$1266	\$1422	\$2014	\$2175
36 INCH						
3/4" S	T-111-H03-361	T-111-H03-362	T-111-H03-363	T-111-H03-364	T-111-H03-365	T-111-H03-366
	\$129	\$356	\$343	\$396	\$542	\$596
1" L	T-111-H04-361	T-111-H04-362	T-111-H04-363	T-111-H04-364	T-111-H04-365	T-111-H04-366
	\$200	\$349	\$435	\$477	\$648	\$690
1" S	T-111-H04-361	T-111-H04-362	T-111-H04-367	T-111-H04-368	T-111-H04-369	T-111-H04-360
	\$200	\$349	\$554	\$595	\$768	\$810
1-1/4" S	T-111-H05-361	T-111-H05-362	T-111-H05-363	T-111-H05-364	T-111-H05-365	T-111-H05-366
	\$367	\$610	\$781	\$886	\$1274	\$1379
1-1/2" L	T-111-H06-361	T-111-H06-362	T-111-H06-363	T-111-H06-364	T-111-H06-365	T-111-H06-366
	\$449	\$774	\$921	\$1009	\$1526	\$1616
1-1/2" S	T-111-H06-361	T-111-H06-362	T-111-H06-367	T-111-H06-368	T-111-H06-369	T-111-H06-360
	\$449	\$774	\$1161	\$1248	\$1771	\$1860
2" S	T-111-H08-361	T-111-H08-362	T-111-H08-363	T-111-H08-364	T-111-H08-365	T-111-H08-366
	\$593	\$1004	\$1379	\$1537	\$2131	\$2292

Automatic Hose Kit Flow Rates by Size

HOSE KIT MODEL	AVAILABLE FLOW RATES (GPM)	PSID RANGE
1/2" L	0.33, 0.5, 0.75, 1.0, 1.25, 1.5 1.75, 2.0, 2.25, 2.5, 2.75, 3.0	2 - 45
	4.0, 4.5, 5.0, 5.5, 6.0	4 - 55
3/4" S 1" L	0.33, 0.5, 0.75, 1.0, 1.25, 1.5, 1.75 2.0, 2.25, 2.5, 2.75, 3.0, 4.0, 4.5	2 - 45
	11.0, 12.0, 13.0, 14.0, 15.0	5 - 55
1" S 1.25" S 1.5" L	7.0, 8.0, 9.0, 10.0, 11.0, 12.0 13.0, 14.0, 15.0, 16.0, 17.0	2 - 45
	24.0, 25.0, 30.0, 35.0	2 - 60
	40.0, 45.0	4 - 70
1.5" S 2" S	25.0, 30.0, 35.0, 40.0, 45.0, 50.0 55.0, 60.0, 65.0, 70.0, 75.0	2 - 45
	80.0, 85.0, 90.0, 95.0, 100.0	5 - 50

* All Hose Kits include S/R ported ball valves with swivel and P/T port. ""L" and "S" only apply to kit options 3 through 6. ***GPM's are REQUIRED for hose kits in options 3-6 Notes: A different discount may apply to stainless steel hose kits. Standard lead time is 12 business days. A 7 business day expedited delivery ex factory is available for an additional 15%. A 5 business day expedited delivery ex factory is available for an additional 25%. Specify hose kit delivery requirements with order. All hose kits drop-ship from Nexus. Tag and gpm must be specified with order. Hose diameter "L" refers to low flow, "S" refers to standard flow. Refer to available GPM for hose selection.

Other Water Source Heat Pump Accessories



PART NUMBER	DESCRIPTION	LIST PRICE
8-733-951-906	Pump/Valve Relay Kit - (For CE, BP, SV models)	\$200
8-733-920-430	SmartStart Assist Kit - (For models with scroll compressors: SM, CE, BP, SV)	\$921
8-733-951-152	Horizontal (HZ) Discharge Air Conversion Kit (SM024) L	\$628
8-733-951-153	Horizontal (HZ) Discharge Air Conversion Kit (SM036/048) L	\$703
8-733-951-154	Horizontal (HZ) Discharge Air Conversion Kit (SM060/070) L	\$578
8-733-951-155	Horizontal (HZ) Discharge Air Conversion Kit (SM024) R	\$591
8-733-951-156	Horizontal (HZ) Discharge Air Conversion Kit (SM036/048) R	\$619
8-733-951-157	Horizontal (HZ) Discharge Air Conversion Kit (SM060/070) R	\$597
8-733-920-264	Flow Proving Switch (DP) Kit	\$387

Geothermal Flow Centers

Constant Speed | Flo-Link™ Pressurized Flow Centers (Cast Iron, 230V)



PART NUMBER	DESCRIPTION	LIST PRICE
7-738-005-088	Bosch Flow Center - One UPS26-99 Pump, 3-spd, Composite Valves, 10yr Warranty	\$1,381
7-738-005-090	Bosch Flow Center - One UP26-116 Pump, 1-spd, Composite Valves, 10yr Warranty	\$1,465
7-738-005-092	Bosch Flow Center - Two UPS26-99 Pumps, 3-spd, Composite Valves, 10yr Warranty	\$2,346
7-738-005-094	Bosch Flow Center - Two UP26-116 Pumps, 1-spd, Composite Valves, 10yr Warranty	\$2,490
8-733-904-579	Hose Kit for Flo-Link™ Flow Centers (One Needed Per Unit)	\$346

Note: Above flow centers include 1-1/4" HDPE fusion adapters for ground loop connection. Order 8733904579 hose kit for connection to unit. 7738003273 Flo-Link™ x CAM adapters required for 1st time installation for connection to flush cart (see Flo-Link™ fittings).



Single Pump Flow Center



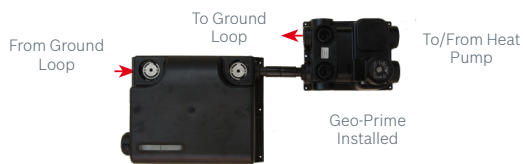
Set of 1-1/4" HDPE Fusion x Flo-Link (included with flow center)



Two Pump Flow Center



Hose Kit for Flo-Link™ Flow Centers



Geo-Prime converts a pressurized system to a hybrid system. The Geo-Prime tank mounts above a pressurized flow center to ensure that the pumps receive only air-free loop fluid and provides enough additional make-up fluid to prevent call-backs associated with loop expansion during seasonal temperature changes.

Loop Pressurization | for Pressurized Flow Centers

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-000-091	Pressure Battery (HDPE Expansion Tank), Up to 6 Tons	\$267
7-738-003-387	Geo-Booster (Loop Pressurization System - 35 psig)	\$1,028
7-738-003-261	Geo-Prime Tank - Hybrid System	\$659



Pressure Battery HDPE Expansion Tank (1-1/4" PE fusion)



Geo-Prime Tank



Geo-Booster Loop Pressurization System (35 psig)

Geothermal Flow Centers



Constant Speed | Non-Pressurized Flow Centers (Cast Iron, 230V)

Single Pump and two pump non-pressurized flow centers with built-in 3-way flushing/purging valves and pressure/vacuum relief cap



PART NUMBER	DESCRIPTION	LIST PRICE
7-738-005-098	Bosch Flow Center - One UPS26-99 Pump, 3-spdl, Composite Valves, 10yr Warranty	\$2,214
7-738-005-099	Bosch Flow Center - Two UPS26-99 Pumps, 3-spdl, Composite Valves, 10yr Warranty	\$2,796
7-738-005-068	Hose Kit w/3-way Valve for NP Series Non-Pressurized Flow Centers	\$658

Non-pressurized connection kit (includes all fittings necessary for connections to ground loop and unit.

Note: Above flow centers DO NOT include loop or unit connections fittings. Order 7738005068 hose kit or use Flo-Link adapter fittings for connections to loop and unit.

Installation Tools | for Non-Pressurized Flow Centers

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-005-069	GEO-METER Mechanical (Variable Area) Flow Meter Tool	\$1,231
7-738-005-070	Adapter Kit for B & D Flow Meter Tool (Allows B & D Tool to be Used with NP Series Flow Centers)	\$228



Geo-Meter flow meter tool, adapters, and case

Adapter kit for B & D flow meter tool

Flo-Link™ Adapter Fitting Sets

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-003-274	Flo-Link™ x 1-1/4" PE Fusion	\$34
7-738-005-106	Flo-Link™ x 1-1/4" PVC Glue	\$77
7-738-003-620	Flo-Link™ x 1" Hose Barb	\$118
7-738-003-281	Flo-Link™ x 1" Hose Barb (w/Check Valve)	\$160
7-738-003-278	Flo-Link™ x 1-1/4" Hose Barb	\$160
7-738-003-275	Flo-Link™ x 1" MPT	\$145
7-738-003-284	Flo-Link™ x 1" FPT	\$103
7-738-003-279	Flo-Link™ x 1" Hose Barb w/Fitting for PT Port	\$180
7-738-003-282	Flo-Link™ Elbow x 1" Hose Barb w/Fitting for PT Port	\$113
7-738-003-280	Flo-Link™ x 1" MPT w/Fitting for PT Port	\$180
7-738-003-283	Flo-Link™ Elbow x 1" MPT w/Fitting for PT Port	\$103
7-738-003-273	Flo-Link™ Male Cam Adapter	\$45
7-738-000-119	Flo-Link™ Female Garden Hose Adapter	\$75



Note: 7738003273 Flo-Link™ x CAM adapters required for first time installation for connection to flush cart. 7738000119 recommended for connection to garden hose for pump replacements.

Geothermal Flow Centers



Replacement Pump
(no-volute)



Replacement Pump
(with flanged volute)



Magna GEO
(var. spd.)

Flow Center Replacement Pumps*



Pump Sharing
Relay

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-000-174	Pump Sharing Relay (2 Units; 1 Flow Center) w/NEMA Enclosed	\$219
7-738-005-073	UP26-116 Pump, 1-spd, 230V, No Volute™	\$721
7-738-003-265	UP26-116F Pump, 1-spd, 230V, Cast Iron Volute, Flanged	\$599
7-738-005-074	UPS26-99 Pump, 3-spd, 230V, No Volute™	\$721
7-738-005-075	UP26-116 Pump, 1-spd, 230V, No Volute™	\$770

* It is normally not practical to change the volute in a foamed-in flow center. This approach lowers the weight of the package (and shipping costs), and avoids disposal issues with the unused cast iron volute. A different discount may apply to Flow Center Replacement Pumps.

** For older flow centers (built before 2008) with FPT connections, Bosch brand replacement pumps may not be compatible. Contact customer service for details.



Repair Kit, Composite
Valves

Flow Center Repair Kits & Blank-Off Plates***

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-000-338	Repair Kit, Composite Valve (Flo-Link™ Connections)	\$9
7-738-000-336	Repair Kit, Brass Valve (Flo-Link™ Connections)	\$9
7-738-000-340	Blank-off Plate Kit, Flo-Link™ Flow Centers	\$46

*** Use blank-off plate to convert two pump flow center to one pump flow center.



Repair Kit,
Brass Valves



Blank-Off
Plate Kit

Flush Cart and Accessories

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-005-076	Flush Cart (Includes 7738005077 Hose Assembly)****	\$9,684
7-738-005-100	Hose assy, flush cart (set of 2, 10 ft.)--1" CAM ftgs (loop side)	\$565
7-738-005-077	Hose Assembly, Flush Cart (Set of 2, 10 ft.), w/ 1-1/4" Ball Valves (Loop Side)	\$718
7-738-005-078	Hose Assembly (Set of 2, 20 ft.), w/ 1-1/2" CAM Fittings (Loop Side)****	\$934
7-738-005-079	Filter Bag, 100 Micron, for Flush Cart	\$46
7-738-005-080	Filter Bag, 1 Micron, for Flush Cart	\$46
7-738-005-081	Munro 1.5 HP 115V/208-230V Single Phase (Flush Cart)	\$2,694

**** Ships with 2 - CAM male x male adapters. 7738005078 may be used as an extension set.

***** Includes 7738005077 Hose Assembly. Does not include 1" Male Cam Adapter. 1" Male Cam Adapter (7738003273) required for connection of hose assembly to flush cart.



Filter Bag



Hose Set Included with Flush Cart



Replacement pump

Note: Hoses include 1-1/4" ball valves before CAM fittings for shutting off flow at the flow center when flushing is completed (not show in above picture).

Geothermal Installation Tools

Loop Tools and Accessories

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-005-082	Geo-Gooser Loop Pressurization Device	\$277
7-738-005-083	Thermometer, Digital w/Case	\$90
7-738-003-384	Loop Service and Flush Kit	\$574
7-738-003-386	Pressure Gauge, 0-100 psig, 3.5" Dial w/PT Adapter	\$111
7-738-003-300	Gauge Adapter P/T Plug w/Guard	\$47
7-738-003-385	Hydrometer, Alcohol	\$97
7-738-003-298	PT Plug 1/4" MPT	\$10
7-738-003-299	PT Plug 1/2" MPT	\$22
7-738-003-304	Hose Clamp 3/4" to 1 3/4"	\$5



Loop Service and Flush Kit



Geo-Gooser Loop Pressurization Device



Pressure Gauge, 0-100 psig, 3.5" Dial w/PT Adapter (1/8" diam. needle)

Thermometer, Digital w/Case



Gauge Adapter P/T Plug w/Guard (1/8" diam. needle)



Hydrometer, Alcohol



Geothermal Open Loop Accessories



Valve, Motorized Ball, Brass 3/4" FPT, 24V w/End Switch

Motorized Solenoid Valves

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-005-084	Valve, Motorized Ball, Brass 3/4" FPT, 24V w/End Switch	\$736
7-738-005-085	Valve, Motorized Ball, Brass 1" FPT, 24V w/End Switch	\$639
7-738-000-163	Powerhead for 7738003307 and 7738003308 (Older Discontinued Orange Valves)	\$396



Powerhead for 7738003307 and 7738003308

Flow Regulator Valves

PART NUMBER	DESCRIPTION	LIST PRICE
7-738-003-310	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 3 GPM	\$154
7-738-003-623	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 4 GPM	\$154
7-738-003-311	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 5 GPM	\$154
7-738-003-312	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 6 GPM	\$154
7-738-003-313	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 7 GPM	\$154
7-738-003-314	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 8 GPM	\$154
7-738-003-624	Valve, Flow Regulator, 3/4" FPT x 3/4" FPT, 9 GPM	\$154



Valve, Flow Regulator Flush Cart

Bosch USA Rebate Center

Who doesn't like to save some money!

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Bosch USA
Rebate Center



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Bosch WSHP
& IDS Parts

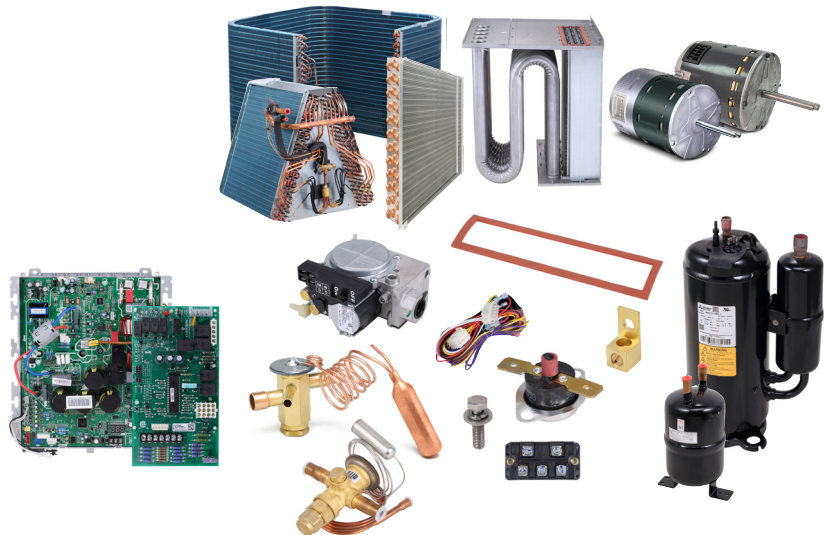


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Manuals



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Bosch Commercial Solutions

Bosch Thermotechnology has solutions for any size project from larger commercial, light commercial to residential comfort solutions. We specialize in highly efficient heating and cooling equipment for commercial retrofit and new construction applications. For any questions regarding price or multipliers please inquire with our Inside Sales Team at inside.sales2@us.bosch.com

- Bosch is the leader in heating technology
- Broad solutions for indoor climate & hot water
- Great reference for WSHP & GEO solutions
- 100+ years in the HVAC industry

Commercial Cooling Solutions

- LV, EP Series - Single Stage Water Source Heat Pumps
- ES, LM Series - Two Stage Water Source Heat Pumps
- EC, MC Series - Large Specified Water Source Heat Pumps
- WT, WW Series - Water to Water Heat Pumps
- CA Series - Single Stage Console Water Source Heat Pumps



Greensource Water-to-Air Heat Pumps SM, CE, BP Models

- ▶ 10 years limited warranty on parts and labor

SV Models

- ▶ 5 years limited warranty on compressor
- ▶ 1 year limited warranty on all other parts

Greensource Water-to-Water Heat Pumps

- ▶ 10 year limited warranty on parts and labor

Air Handlers | HY Models

- ▶ 5 year limited warranty on air coil
- ▶ 10 year limited warranty on all other parts

Inverter Ducted Splits | BVA, BOVA BMAC Models

- ▶ 10 year limited warranty on parts
- ▶ 90 days labor with registration

Inverter Ducted Splits | Cased/Uncased Coils

- ▶ 10 year limited warranty
- ▶ 90 days labor with registration

BGH96 Furnace

- ▶ Heat exchanger 20 years parts, all other parts 5 years
- ▶ Lifetime heat exchanger, 10 years parts with registration

Bosch Climate 5000 Series Mini-Splits

- ▶ 10 year limited warranty on compressor
- ▶ 5 year limited warranty all other parts

Geothermal Flow Centers

- ▶ 10 year limited warranty on parts

HY - Cased/Uncased Coils

- ▶ 5 year limited warranty

Thermostats

- ▶ BCC100 5 year limited warranty
- ▶ BCC50 3 year limited warranty

Water Source Heat Pumps

- ▶ Look up your warranty information with your serial number
www.spareparts.bosch-climate.us/Warranty.aspx



Scan or click QR Code

These warranties are subject to the equipment being installed by a licensed contractor whose principal occupation is the sale, installation, and service of plumbing, heating and cooling equipment. Warranty is limited to original purchaser/original installation site.

These warranties do not cover:[§]

- ▶ Residential units installed in building other than one- or two-family units.
- ▶ Components that are part of the heating and cooling system but were not purchased from Bosch.
- ▶ The workmanship of any installer. This warranty does not assume any liability for unsatisfactory performance caused by installation, maintenance or service.
- ▶ Any cost for labor, unless otherwise stated in the warranty terms, for removal of the alleged defective part, transportation to BTC if necessary, and any other materials necessary to perform the change.
- ▶ Improper adjustments, control settings, care or maintenance.
- ▶ Connection of the Bosch unit to any under-floor radiant heating system that allows oxygen penetration of the system.

Complete details on these warranties are available upon request or at **www.boschheatingandcooling.com**

Submitting a Warranty Claim:

Warranty claims are handled online at www.BoschProHVAC.com. Claims must be submitted through/by the wholesaler by logging into their account.

To submit a warranty or a return claim, log onto your account and click the “Warranty” drop down menu and select “Bosch-Claims-And>Returns”.

On the following page, choose either “Warranty Claims,” “Product Returns,” “Damaged Products,” or “Lost Shipments” to automatically display the appropriate form.

Claim forms may require detailed information about the product including brand, model, serial number, and a description of the problem or reason for return. Pictures and other attachments are enabled where they are required for processing.

To view the status of submitted claims, click the “Warranty” drop down menu and select “Bosch Claims Management”. This will open a dashboard with the status of any claims that you have submitted, whether they are new, in process, or complete. In the dashboard, you can use the search fields to quickly sort through claims or click the “View” button to see further details about individual claims. Changes to a claim’s status are sent to wholesalers via email.

[§]For complete warranty details please go to www.boschheatingandcooling.com

U.S. Shipping Terms LTL and Volume Shipments

All shipments of Bosch are CPT (Carriage Paid To). Freight charges will be determined for each purchase order to a single ship destination on the chart below. Purchase Orders may not be combined and each Purchase Order must ship to a single shipping destination. Bosch reserves the right to choose the carrier. Bosch reserves the right to change the freight charge without further notice. Freight will be prepaid by Bosch and added to the invoice. All prices below are for regular truck/package deliveries. For special requirements please contact Bosch Thermotechnology for pricing and terms of carriage.

- ▶ For shipments to the job site by truck add \$300.00 to freight charges (requires loading dock & fork truck on site).

▶ Shipments to Hawaii and Alaska - Bosch will ship the product to the first U.S. mainland, domestic destination. Ocean freight, forwarding, and any additional packaging (if required) beyond our standard packaging is by others.

▶ For multi-release projects, please determine the net value of each release / phase and manually total up the shipping cost for each release based on the freight tables below.

▶ Orders entered with partial shipments approved but with no specificity as to which units ship when will be charged freight based on the total project PO amount.

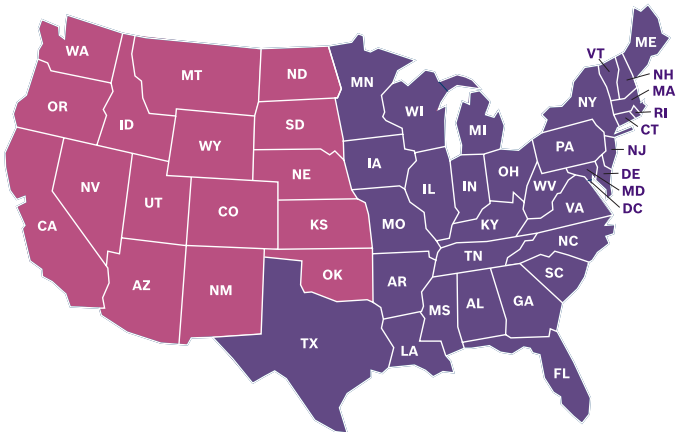
▶ RT series unit pricing includes freight within the continental USA. TRS series unit shipping costs are calculated per table below.

▶ For power tail gate shipments add \$100.00 to freight charges.

▶ For flatbed trailer shipments, contact Customer Service for pricing and carriage terms per application. Bosch accepts no responsibility for any shipping damage nor for any damage to the product due to product shipping in this method.
- ▶ All re-consignment requests will be charged an additional \$150.

▶ Standard shipping time frame for stock orders of Bosch inventoried items is within 1 week after acknowledgement of order. Shipping time frame for all special order and non-Bosch inventoried items are subject to supplier lead times.

▶ Contact Customer Service for HOT RUSH shipments of any Bosch inventoried items. Refer to table below for expedited freight charges.



ORDER NET (USD)	ZONE 2				ZONE 1			
	Standard*	3rd Day*	2nd Day*	Next Day*	Standard*	3rd Day*	2nd Day*	Next Day*
\$0-\$3,000	\$341	\$450	\$1,017	\$1,177	\$218	\$428	\$803	\$963
\$3,001-\$6,000	\$414	\$579	\$1,177	\$1,338	\$307	\$551	\$936	\$1,231
\$6,001-\$10,000	\$523	\$731	\$1,198	\$1,605	\$415	\$696	\$1,124	\$1,391
\$10,001-\$20,000	\$667	\$984	\$1,391	\$2,044	\$572	\$936	\$1,284	\$1,873
\$20,001-\$25,000	\$736	\$1,177	\$1,471	-	\$608	-	-	-
\$25,001-\$35,000	\$778	-	-	-	\$650	-	-	-
\$35,001-\$40,000	\$811	-	-	-	FFA	-	-	-
\$40,001-\$45,000	\$1,177	-	-	-	FFA	-	-	-
\$45,001 +	FFA	-	-	-	FFA	-	-	-

Overview of Bosch USA Standard Terms and Conditions of Sale

A quick overview of Bosch Thermotechnology Corp. ("Bosch") Standard Terms & Conditions of Sale ("Terms of Sale") can be found below. Please refer to our website: www.boschthermotechnology.com for a complete version of the Standard Terms & Conditions of Sale.

1. GENERAL

1.1 Your purchase order(s), when accepted by Bosch, will be subject to the Terms of Sale. The Terms of Sale constitute the entire agreement between you ("Customer") and Bosch with respect to the transaction(s) covered by your purchase order(s) as confirmed by Bosch.

1.2 Any additional or different terms or conditions set forth by Customer, whether in a purchase order or another communication, are expressly objected to and rejected and will not be binding on Bosch, unless expressly agreed to in writing by an authorized representative of Bosch. Customer's issuance of a purchase order or acceptance of the product(s) when delivered and/or services when provided will be deemed conclusive evidence of, and constitutes Customer's acceptance of and assent to Bosch's Order Confirmation (as defined below, and the Terms of Sale. Customer's acceptance of any offer (or counter-offer) by Bosch is limited to the Terms of Sale. Bosch may reject a purchase order in whole or in part for any lawful reason in its sole discretion. A purchase order will be deemed accepted by Bosch upon Bosch issuing a written order confirmation ("Order Confirmation")

2. PRICES AND TAXES

2.1 All prices are based upon Bosch's pricing in effect on the date of the quotation, unless otherwise indicated on the Order Confirmation. Bosch reserves the right to adjust the prices due to increases in material, labor, manufacturing or shipping costs if the increases occur before the delivery date. If the amount of the cost increases exceeds ten (10) percent, Bosch has the right to cancel the Terms of Sale, the purchase order(s), and/or any Order Confirmation on four (4) weeks notice in writing, and the delivery will not be made unless a new price agreement is reached.

2.2 Bosch's pricing excludes all sales, use, excise, value-added, and other similar taxes, charges and duties (including import and export duties). Customer will be solely responsible for all taxes imposed on Customer based upon applicable governing law or regulation. Bosch agrees that no tax for which a valid exemption exists, based upon applicable governing laws, will be included in the pricing, nor subsequently charged.

3. DELIVERY

All delivery dates are estimates only. Bosch's only obligation with respect to delivery dates is to make reasonable efforts meet such delivery dates. Unless otherwise agreed upon between the parties in writing or specified in the Order Confirmation: (a) for Customer pick up from a Bosch named location, all shipping will be CPT (Incoterms 2010) at the Bosch-named location; and (b) for Bosch delivery to a Customer named location, all shipping will be CPT Bosch warehouse dock or Customer's designated consignee. Partial deliveries are permitted.

5. WARRANTY POLICY

4.1 With respect to each product sold by Bosch to Customer hereunder (including software), Bosch warrants, that, commencing from acceptance and for one year (the "Product Warranty Period"): (a) the product shall be free from material defects in material and workmanship. This warranty will apply unless Bosch provides a different warranty for the specific product. For any product (including software) breach of warranty claim brought within the Product Warranty Period, Customer shall promptly notify Bosch in writing.

4.2 Customer's sole and exclusive remedy and the entire liability of Bosch and its third party providers for breach of warranty within the Product Warranty Period under this Section will be, at Bosch's option and expense: (a) repair or replacement of the product; or (b) a refund equal to the purchase price (less a reasonable depreciation for use, damages and obsolescence) in lieu of any obligation to repair or replace products under this proviso.

4.3 Customer expressly acknowledges that Bosch is not responsible or liable for: (a) products, software, services, components or systems that Bosch has not supplied; (b) products, software, services, components originating from third parties that are supplied by Bosch under or at the direction of Customer; (c) any end product or software in which the Products or Software are installed or incorporated as a component or subpart; or (d) conditions, changes, alterations, additions or applications to or for Products, Software or Services, unless made or specifically authorized in writing by Bosch. Bosch shall have no liability, obligation or responsibility for components and systems over which Bosch has no control.

5. LIMITATIONS ON WARRANTY

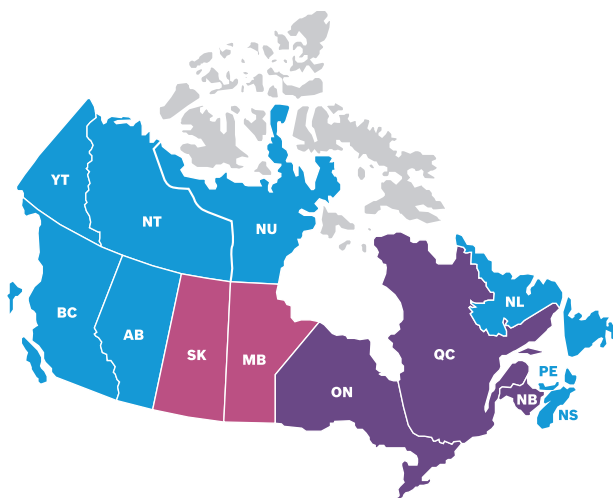
5.1 EXCEPT AS EXPRESSLY PROVIDED IN THE TERMS OF SALE, BOSCH MAKES NO OTHER WARRANTY OR REPRESENTATION TO CUSTOMER, EITHER EXPRESS OR IMPLIED, AND TO THE FULLEST EXTENT PERMITTED BY LAW, BOSCH SPECIFICALLY AND EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ANY OTHER WARRANTIES ARISING FROM OR OUT OF ANY COURSE OF DEALING, USAGE OF TRADE, SPECIFICATION, PROPOSAL, PERFORMANCE OR CUSTOM, AND ANY STATUTORY WARRANTY ON HIDDEN OR LATENT DEFECTS.

5.2 EXCEPT AS OTHERWISE REQUIRED BY APPLICABLE LAW, THE PRODUCT WARRANTY SET FORTH IN THE TERMS OF SALE PROVIDE CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES FOR ALL CLAIMS, DAMAGES, LOSS OR INJURIES (WHETHER DIRECT, INDIRECT, EXEMPLARY, SPECIAL, PUNITIVE, CONSEQUENTIAL OR INCIDENTAL) BASED ON OR ARISING FROM ANY DEFECT, FAILURE, MALFUNCTION, BREACH OF WARRANTY OR ANY OTHER PERFORMANCE, NONCONFORMANCE OR NONPERFORMANCE OF ANY PRODUCT, SOFTWARE OR SERVICE, WHETHER THE CLAIM IS IN CONTRACT, EQUITY, INDEMNITY, INFRINGEMENT, WARRANTY, TORT (INCLUDING NEGLIGENCE, STRICT LIABILITY) OR OTHERWISE AND HOWEVER INSTITUTED.

Canada Shipping Terms LTL and Volume Shipments

All shipments of Bosch are CPT (Carriage Paid To). Freight charges will be determined for each purchase order to a single ship destination on the chart below. Purchase Orders may not be combined and each Purchase Order must ship to a single shipping destination. Bosch reserves the right to choose the carrier. Bosch reserves the right to change the freight charge without further notice. Freight will be prepaid by Bosch and added to the invoice. All prices below are for regular truck/package deliveries. For special requirements please contact Bosch Thermotechnology for pricing and terms of carriage.

- ▶ For shipments to the job site by truck add \$500.00 to freight charges (requires loading dock & fork truck on site).
- ▶ For multi-release projects, please determine the net value of each release / phase and manually total up the shipping cost for each release based on the freight tables below.
- ▶ Orders entered with partial shipments approved but with no specificity as to which units ship when will be charged freight based on the total project PO amount.
- ▶ RT series unit pricing includes freight within the continental USA. TRS series unit shipping costs are calculated per table below.
- ▶ For power tail gate shipments add \$200.00 to freight charges.
- ▶ For flatbed trailer shipments, contact Customer Service for pricing and carriage terms per application. Bosch accepts no responsibility for any shipping damage nor for any damage to the product due to product shipping in this method.
- ▶ All re-consignment requests will be charged an additional \$150.
- ▶ Standard shipping time frame for stock orders of Bosch inventoried items is within 1 week after acknowledgement of order. Shipping time frame for all special order and non-Bosch inventoried items are subject to supplier lead times.



ORDER NET (CAD)	ZONE 3	ZONE 2	ZONE 1
Shipping Time	Standard	Standard	Standard
\$0- \$4,000	\$618	\$459	\$300
\$4,001-\$8,000	\$794	\$644	\$494
\$8,001-\$14,000	\$1,064	\$929	\$794
\$14,001- \$27,000	\$1,212	\$1,070	\$927
\$27,001- \$34,000	\$1,361	\$1,210	\$1,059
\$34,001- \$47,000	\$1,487	\$1,361	\$1,235
\$47,001- \$54,000	\$1,544	\$1,502	\$1,461
\$54,001- \$61,000	\$1,700	\$1,600	FFA
\$61,001- \$68,000	FFA	FFA	FFA
\$68,001+	FFA	FFA	FFA

Overview of Robert Bosch Inc. Canada Standard Terms and Conditions of Sale

A quick overview of Robert Bosch Inc. ("Bosch") Standard Terms & Conditions of Sale ("Terms of Sale") can be found below. Please refer to our website: www.boschthermotechnology.com for a complete version of the Standard Terms & Conditions of Sale.

1. GENERAL

1.1 Your purchase order(s), when accepted by Bosch, will be subject to the Terms of Sale. The Terms of Sale constitute the entire agreement between you ("Customer") and Bosch with respect to the transaction(s) covered by your purchase order(s) as confirmed by Bosch.

1.2 Any additional or different terms or conditions set forth by Customer, whether in a purchase order or another communication, are expressly objected to and rejected and will not be binding on Bosch, unless expressly agreed to in writing by an authorized representative of Bosch. Customer's issuance of a purchase order or acceptance of the product(s) when delivered and/or services when provided will be deemed conclusive evidence of, and constitutes Customer's acceptance of and assent to Bosch's Order Confirmation (as defined below, and the Terms of Sale. Customer's acceptance of any offer (or counter-offer) by Bosch is limited to the Terms of Sale. Bosch may reject a purchase order in whole or in part for any lawful reason in its sole discretion. A purchase order will be deemed accepted by Bosch upon Bosch issuing a written order confirmation ("Order Confirmation")

2. PRICES AND TAXES

2.1 All prices are based upon Bosch's pricing in effect on the date of the quotation, unless otherwise indicated on the Order Confirmation. Bosch reserves the right to adjust the prices due to increases in material, labor, manufacturing or shipping costs if the increases occur before the delivery date. If the amount of the cost increases exceeds ten (10) percent, Bosch has the right to cancel the Terms of Sale, the purchase order(s), and/or any Order Confirmation on four (4) weeks notice in writing, and the delivery will not be made unless a new price agreement is reached.

2.2 Bosch's pricing excludes all sales, use, excise, value-added, and other similar taxes, charges and duties (including import and export duties). Customer will be solely responsible for all taxes imposed on Customer based upon applicable governing law or regulation. Bosch agrees that no tax for which a valid exemption exists, based upon applicable governing laws, will be included in the pricing, nor subsequently charged.

3. DELIVERY

All delivery dates are estimates only. Bosch's only obligation with respect to delivery dates is to make reasonable efforts meet such delivery dates. Unless otherwise agreed upon between the parties in writing or specified in the Order Confirmation: (a) for Customer pick up from a Bosch named location, all shipping will be CPT (Incoterms 2010) at the Bosch-named location; and (b) for Bosch delivery to a Customer named location, all shipping will be CPT Bosch warehouse dock or Customer's designated consignee. Partial deliveries are permitted

5. WARRANTY POLICY

4.1 With respect to each product sold by Bosch to Customer hereunder (including software), Bosch warrants, that, commencing from acceptance and for one year (the "Product Warranty Period"): (a) the product shall be free from material defects in material and workmanship. This warranty will apply unless Bosch provides a different warranty for the specific product. For any product (including software) breach of warranty claim brought within the Product Warranty Period, Customer shall promptly notify Bosch in writing.

4.2 Customer's sole and exclusive remedy and the entire liability of Bosch and its third party providers for breach of warranty within the Product Warranty Period under this Section will be, at Bosch's option and expense: (a) repair or replacement of the product; or (b) a refund equal to the purchase price (less a reasonable depreciation for use, damages and obsolescence) in lieu of any obligation to repair or replace products under this proviso.

4.3 Customer expressly acknowledges that Bosch is not responsible or liable for: (a) products, software, services, components or systems that Bosch has not supplied; (b) products, software, services, components originating from third parties that are supplied by Bosch under or at the direction of Customer; (c) any end product or software in which the Products or Software are installed or incorporated as a component or subpart; or (d) conditions, changes, alterations, additions or applications to or for Products, Software or Services, unless made or specifically authorized in writing by Bosch. Bosch shall have no liability, obligation or responsibility for components and systems over which Bosch has no control.

5. LIMITATIONS ON WARRANTY

5.1 EXCEPT AS EXPRESSLY PROVIDED IN THE TERMS OF SALE, BOSCH MAKES NO OTHER WARRANTY OR REPRESENTATION TO CUSTOMER, EITHER EXPRESS OR IMPLIED, AND TO THE FULLEST EXTENT PERMITTED BY LAW, BOSCH SPECIFICALLY AND EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NON-INFRINGEMENT, ANY OTHER WARRANTIES ARISING FROM OR OUT OF ANY COURSE OF DEALING, USAGE OF TRADE, SPECIFICATION, PROPOSAL, PERFORMANCE OR CUSTOM, AND ANY STATUTORY WARRANTY ON HIDDEN OR LATENT DEFECTS.

5.2 EXCEPT AS OTHERWISE REQUIRED BY APPLICABLE LAW, THE PRODUCT WARRANTY SET FORTH IN THE TERMS OF SALE PROVIDE CUSTOMER'S SOLE AND EXCLUSIVE REMEDIES FOR ALL CLAIMS, DAMAGES, LOSS OR INJURIES (WHETHER DIRECT, INDIRECT, EXEMPLARY, SPECIAL, PUNITIVE, CONSEQUENTIAL OR INCIDENTAL) BASED ON OR ARISING FROM ANY DEFECT, FAILURE, MALFUNCTION, BREACH OF WARRANTY OR ANY OTHER PERFORMANCE, NONCONFORMANCE OR NONPERFORMANCE OF ANY PRODUCT, SOFTWARE OR SERVICE, WHETHER THE CLAIM IS IN CONTRACT, EQUITY, INDEMNITY, INFRINGEMENT, WARRANTY, TORT (INCLUDING NEGLIGENCE, STRICT LIABILITY) OR OTHERWISE AND HOWEVER INSTITUTED.

Sales, Service & Support

We are here to help!

Customer Support & Tech Support

Tel: 800-283-3787

Operating Hours: Mon-Thur, 8am-6pm, Fri, 8am-5pm EST

Fax: 603-965-7568

Tech Support Fax: 603-965-7581

Customer Service E-mail Address

residential.salessupport@us.bosch.com

Parts Orders or Parts Inquiries:

spareparts.bosch-climate.us

parts.salessupport@us.bosch.com

Technical Support E-mail Addresses

AC: ac.techsupport@us.bosch.com

Furnace: furnace.techsupport@us.bosch.com

Boiler: boiler.techsupport@us.bosch.com

Tankless: tankless.techsupport@us.bosch.com

Warranty & Returns Support E-mail Address

warranty_returns@us.bosch.com

BoschHeatingAndCooling.com



Addresses

65 Grove Street, Watertown, MA 02472

555 NW 65th Court, Fort Lauderdale, FL 33309

50 Wentworth Avenue, Londonderry, NH 03053

Warranty & Return Claim Management

BoschPROHVAC.com

Accredited Bosch Contractor Website

Bosch-ABCpartner.com

Social

youtube.com/boschheatingcooling

facebook.com/boschheatingcooling

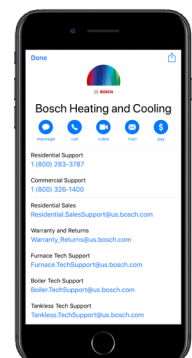
instagram.com/boschhvac

Customer Support Contact Card

Whenever you need us, we are here for you!
Scan the QR code with your mobile device
and save our contact card to your contacts.



Scan QR
With Mobile Device





Grow Your Business With Bosch

At Bosch Heating and Cooling, we are committed to supporting our Accredited Bosch Contractors by providing tools to manage and grow your business, allowing you to focus on what matters; providing your customers with comfort they can count on. By choosing Bosch, you represent one of the largest HVAC brands in the market with over 100 years of industry expertise. Join our team of elite dealers to gain access to exclusive sales and marketing tools, technical support, training and more at Bosch-ABCpartner.com.

Accredited Bosch Contractor Benefits

- ▶ Manage your company registrations
- ▶ Access to Bosch current promotions
- ▶ Access to the exclusive ABC Facebook group
- ▶ Access to technical documentation
- ▶ Access to Bosch product brochures
- ▶ Access to the priority support hotline
- ▶ Contact your sales rep (account manager)
- ▶ Points redemption
- ▶ Financing

“The Bosch Accredited Contractor program has truly made a difference in my mind from the customers point of view when we are going up against other companies that are selling the same Bosch or Buderus equipment!”

-Rich's Oil



BOSCH

Accredited Contractor

Bosch-ABCpartner.com

Apply Online

1. Go to **Bosch-ABCpartner.com**
2. Click on “Not a user?”
3. Fill out the form
4. You're going to receive an email with a temporary password
5. Update your password and finish your registration filling out the required information
6. Complete your short training qualification at Training.BoschProhvac.us, using the same email address as you did on Bosch-ABCpartner.com

Questions?

Learn more at

Bosch-ABCpartner.com

Bosch Thermotechnology Corp.

Watertown, MA | Londonderry, NH | Ft. Lauderdale, FL

General Inquiries: 1-866-642-3198

www.boschheatingandcooling.com

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