



BOSCH

Invented for life

Bosch Ductless Systems

Climate 5000

An exceptional alternative to traditional HVAC systems is here with the Bosch Climate 5000 ductless systems. Focusing on individual rooms and living spaces this system provides energy-efficient, on-demand comfort that is flexible, simple to install and easy to maintain.

SINGLE ZONE
& MULTI ZONE
AVAILABLE



Home Comfort at the Push of a Button



Meet the Bosch Climate 5000

The Bosch Climate 5000 ductless series provides simple installation, maintenance, and cleaning. Shorter service times and high quality means 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 22 SEER rating, reducing electricity usage and lowering your electric bill.⁽¹⁾

Features

- ▶ Available as single zone or multi zone systems
- ▶ 4 capacities from 9,000 to 24,000 Btu/h (single zone)
- ▶ Available in both 115/120V and 208/230V (up to 12,000 Btu/h)
- ▶ 4 capacities from 18,000 to 48,000 Btu/h (multi zone)
- ▶ Energy efficient to save you money - Up to 22 SEER
- ▶ Silent mode - Super quiet with sound levels as low as 20 dBA
- ▶ Turbo mode to quickly create a comfortable temperature
- ▶ Deflectors move automatically in all directions for a balanced airflow covering every corner of the room
- ▶ Follow me feature - Provides individualized comfort
- ▶ Easy installation with simple maintenance
- ▶ Extra Simplified, Award-winning Design⁽²⁾



Indoor Air Handler



Outdoor Condensing Unit

(1) Compared to 14 SEER wall-mounted systems. (2) Good Design Award of Japan Institute from Design Promotion.

Why Bosch Ductless Systems

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

Our ENERGY STAR rated single zone systems provide high-efficiency comfort up to 22 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.



Limited Residential Warranty⁽³⁾

With the limited residential warranty, you receive peace-of-mind knowing you will receive replacement parts protection for up to 5 years (7 years for the compressor). 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.

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 conspicuously 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.

How Does a Ductless System Work?

In many ways, a ductless system works similarly to a ducted HVAC system. 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.



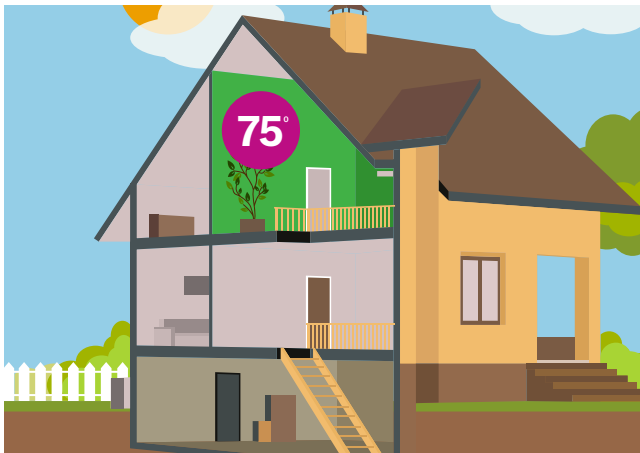
(3) For complete Warranty details please go to boschheatingandcooling.com

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.

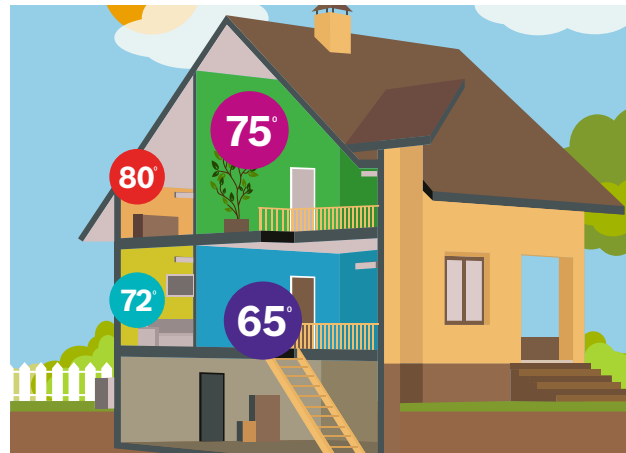
Take Control of Your Comfort

The indoor air handler is dedicated to the room being conditioned and can be controlled by the easy-to-use wireless remote, included with the air handler. 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.



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, hotel rooms, or single rooms without space for ductwork



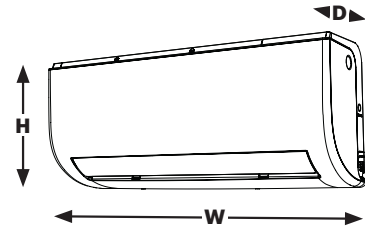
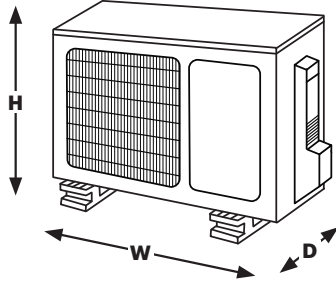
Multi Zone Systems

- ▶ Create total comfort throughout the whole house in the rooms you use the most
- ▶ Independent operation of each room with its own wireless remote - people can choose comfortable temperature in different rooms
- ▶ One outdoor unit can be combined with up to five indoor units 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

Bosch Climate 5000

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

System Dimensions



CONDENSING SECTION DIMENSIONS (IN INCHES)				
MODEL NUMBER (OUTDOOR)	H (Height)	W (Width)	D (Depth)	Weight (LBS)
BMS500-AAS009-0CSXXA	21.85	30.31	11.81	63.9
BMS500-AAS012-0CSXXA	21.81	31.50	13.11	81.6
BMS500-AAS009-1CSXXA	21.85	30.31	11.81	63.9
BMS500-AAS012-1CSXXA	21.81	31.50	13.11	81.6
BMS500-AAS018-1CSXXA	27.64	33.27	14.29	101.0
BMS500-AAS024-1CSXXA	31.89	37.24	16.54	136.7
BMS500-AAM018-1CSXXA	27.64	33.27	14.29	105.8
BMS500-AAM027-1CSXXA	31.89	37.24	16.14	149.9
BMS500-AAM036-1CSXXA	31.89	37.24	16.14	156.5
BMS500-AAM048-1CSXXA	52.48	37.48	16.34	223.8

AIR HANDLER DIMENSIONS (INCHES)				
MODEL NUMBER (INDOOR)	H (Height)	W (Width)	D (Depth)	Weight (LBS)
BMS500-AAU009-0AHXXA	11.81	31.65	7.60	18.7
BMS500-AAU012-0AHXXA	11.81	31.65	7.60	18.7
BMS500-AAU009-1AHXXA	11.81	31.65	7.60	18.7
BMS500-AAU012-1AHXXA	11.81	31.65	7.60	18.7
BMS500-AAU018-1AHXXA	13.46	43.54	9.13	29.1
BMS500-AAU024-1AHXXA	13.46	43.54	9.13	29.1



System Efficiency & Performance Data

AHRI 210/240 PERFORMANCE DATA - SINGLE ZONE											
MODEL NUMBER (OUTDOOR)	MODEL NUMBER (INDOOR)	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)			INDOOR AIR FLOW (HI/ MED/LO) (CFM)	INDOOR NOISE LEVEL (HI/MED/LO) (DBA) ⁽⁴⁾	POWER SUPPLY (PH-V-HZ)	REFRIG. PIPING EQUIVALENT PIPE LENGTH (FT)
		TOTAL	EER	SEER	HI	HSPF	LOW				
BMS500- AAS009-0CSXXA	BMS500- AAU009-0AHXXA	9000	14	22	9800	10.5	5800	271/229/165	39/34/26	115V-60Hz, 1Ph	82
BMS500- AAS012-0CSXXA	BMS500- AAU012-0AHXXA	12000	12.5	20.9	9800	10	6300	306/265/200	39/35/28	115V-60Hz, 1Ph	82
BMS500- AAS009-1CSXXA	BMS500- AAU009-1AHXXA	9000	14	20.5	12000	10	7500	271/229/165	39.5/34/25	208-230V-60Hz, 1Ph	82
BMS500- AAS012-1CSXXA	BMS500- AAU012-1AHXXA	12000	12.5	20.7	12000	9.6	7100	306/265/200	39.5/35/28	208-230V-60Hz, 1Ph	82
BMS500- AAS018-1CSXXA	BMS500- AAU018-1AHXXA	18000	13	22	18000	10	11100	589/483/353	47/41/32	208-230V-60Hz, 1Ph	98
BMS500- AAS024-1CSXXA	BMS500- AAU024-1AHXXA	24000	12.5	20	25000	10	16000	589/483/353	47/41/33	208-230V-60Hz, 1Ph	164

AHRI 210/240 PERFORMANCE DATA - MULTI ZONE ⁽⁵⁾							
MODEL NUMBER (OUTDOOR)	MODEL NUMBER (INDOOR)	COOLING CAPACITY (BTU/H)			HEATING CAPACITY (BTU/H)		
		TOTAL	EER	SEER	HI	HSPF	LOW
BMS500-AAM018-1CSXXA	Paired with 2 X BMS500-AAU009-1AHXXA	18000	11.5	19	18000	9.6	10000
BMS500-AAM027-1CSXXA	Paired with 3 X BMS500-AAU009-1AHXXA	27000	11.2	21.9	28000	9.8	17200
BMS500-AAM036-1CSXXA	Paired with 4 X BMS500-AAU009-1AHXXA	36000	10.3	22.0	36000	9.8	21200
BMS500-AAM048-1CSXXA	Paired with 5 X BMS500-AAU009-1AHXXA	48000	11.0	18.5	48000	10.0	29800

(4) When operating in Silent Mode, sound is further decreased to levels as low as 20 dBA.

(5) Multi zone system performance will vary depending on the specific combination of condenser and air handlers chosen.
Not all possible combinations are listed in the AHRI directory.

Order Information

SINGLE ZONE ORDER INFORMATION			
MODEL NUMBER	PART NUMBER	UNIT TYPE	PAIRING UNITS
BMS500-AAU009-0AHXXA	8733942691	Air Handler	9K 115V System
BMS500-AAS009-0CSXXA	8733942692	Condensing Sect.	Pair These Two Units
BMS500-AAU012-0AHXXA	8733942693	Air Handler	12K 115V System
BMS500-AAS012-0CSXXA	8733942694	Condensing Sect.	Pair These Two Units
BMS500-AAU009-1AHXXA	8733942695	Air Handler	9K 230V System
BMS500-AAS009-1CSXXA	8733942696	Condensing Sect.	Pair These Two Units
BMS500-AAU012-1AHXXA	8733942697	Air Handler	12K 230V System
BMS500-AAS012-1CSXXA	8733942698	Condensing Sect.	Pair These Two Units
BMS500-AAU018-1AHXXA	8733942699	Air Handler	18K 230V System
BMS500-AAS018-1CSXXA	8733942700	Condensing Sect.	Pair These Two Units
BMS500-AAU024-1AHXXA	8733942701	Air Handler	24K 230V System
BMS500-AAS024-1CSXXA	8733942702	Condensing Sect.	Pair These Two Units

LINE SET ORDER INFORMATION ⁽⁶⁾			
MODEL NUMBER	PART NUMBER	COMPATIBILITY	LENGTH
BMS-PK1-7XX	8733942707	9k Units	24 ft
BMS-PK2-7XX	8733942708	12k & 18k Units	24 ft
BMS-PK3-7XX	8733942709	24k Units	24 ft
BMS-PK1-5XX	8733942710	9k Units	16 ft
BMS-PK2-5XX	8733942711	12k & 18k Units	16 ft
BMS-PK3-5XX	8733942712	24k Units	16 ft

(6) Line sets include insulated refrigerant piping. Cables for wiring between outdoor and indoor units are included with each indoor unit.

MULTI ZONE ORDER INFORMATION ⁽⁷⁾						
MULTI ZONE CONDENSING SECTION		AIR HANDLER PAIRING UNITS ⁽⁸⁾	AIR HANDLER CAPACITY (1,000 BTU/H) ⁽⁹⁾			
MODEL NUMBER	PART NUMBER		2 ZONE	3 ZONE	4 ZONE	5 ZONE
BMS500-AAM018-1CSXXA	8733942703	BMS500-AAU009-1AHXXA BMS500-AAU012-1AHXXA	9+9			
			9+12			
			12+12			
BMS500-AAM027-1CSXXA	8733942704	BMS500-AAU009-1AHXXA BMS500-AAU012-1AHXXA BMS500-AAU018-1AHXXA	9+9	9+9+9		
			9+12	9+9+12		
			9+18	9+9+18		
			12+12	9+12+12		
			12+18	12+12+12		
			18+18			
BMS500-AAM036-1CSXXA	8733942705	BMS500-AAU009-1AHXXA BMS500-AAU012-1AHXXA BMS500-AAU018-1AHXXA BMS500-AAU024-1AHXXA		9+9+9	9+9+9+9	
				9+9+12	9+9+9+12	
			9+18	9+9+18	9+9+9+18	
			9+24	9+12+12	9+9+12+12	
			12+12	9+12+18	9+9+12+18	
			12+18	9+18+18	9+12+12+12	
			12+24	12+12+12	12+12+12+12	
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				12+12+24		
BMS500-AAM048-1CSXXA	8733942706	BMS500-AAU009-1AHXXA BMS500-AAU012-1AHXXA BMS500-AAU018-1AHXXA BMS500-AAU024-1AHXXA			9+9+9+9	9+9+9+9+9
					9+9+9+12	9+9+9+9+12
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				18+18+18	12+12+12+24	
	18+18+24	12+12+18+18				

(7) Select line sets for each zone according to the Line Set Order Information.

(8) All multi zone condensing sections are 208-230V, 60Hz, and 1Ph. Only 208-230V indoor air handler units are compatible with multi zone condensing sections.

(9) If the total indoor unit load exceeds the nominal capacity of the outdoor unit, the practical output of every indoor unit will be correspondingly attenuated.

Capacity matching should be considered as follows: outdoor unit capacity*0.66 <= indoor total capacity <= outdoor unit capacity*1.33.

About **Bosch**

Bosch Group

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

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

Bosch Thermotechnology in North America

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

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

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



Heating



Cooling



Hot Water



Controls

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