



Bosch IDS Ultra

The Next-Generation of Heating & Cooling

Our System redefines cold-weather heating, this innovative system delivers efficient warmth; 100% heating capacity down to 5° F Meeting the DOE's Cold Climate Challenge, the IDS Ultra is available in 3-ton to 5-ton capacities.

- ▶ Fully modulating inverter drive to precisely match the heating/cooling load
- ▶ Optimized system design to deliver optimal heating at low ambient temperatures
- ▶ Complaint with AHRI 1380 when installed with compatible Bosch Thermostat
- ▶ Access suite of Monitoring & Diagnostic features via Bosch EasyAir app
- ▶ Compatible with BCC 110 Wi-Fi thermostat for optimized temperature control
- ▶ 10-year Residential Limited Warranty[§]



Efficient Heating Now Possible in Frigid Temps

The Bosch IDS Ultra—a heat pump designed to keep you and your family warm even on the coldest nights. Powered by Bosch inverter technology, the Bosch IDS Ultra Heat Pump is the first Bosch air-to-air heat pump designed to provide reliable, energy efficient heating even in sub-zero temperatures. This cold climate heat pump can provide 100% heating down to an outdoor temperature of 5° F. and will continue to initiate heating even down to -13° F. The IDS Ultra is available in 3-ton to 5-ton capacities, and also provides efficient cooling in the warmer months for ultimate home comfort all year long.

Outstanding Performance All Year Long

The IDS Ultra has a continuous variable speed inverter compressor, meaning it can fully modulate and adjust its output to meet the heating and cooling needs of your home. By ramping the compressor up or down, the IDS Ultra can help to achieve an optimal and consistent indoor temperature. This is an extremely efficient way to control the temperature in your home all year long without compromising comfort.

How Does the System Produce Heat?

The EVI compressor borrows extra heat from the hot side of the refrigerant cycle, redirecting it to warm the home. This design boosts the IDS Ultra's performance, keeping homeowners warm on the coldest winter days.



See How
IDS Ultra
Works
Scan QR

Cost Savings and Certifications

- ▶ 100% heating capacity down to 5° F.
- ▶ Operational down to -13° F.
- ▶ Installer can choose to either enable full communication between indoor and outdoor unit or set to non-communication mode depending on the site and application needs.

Performance

- ▶ Up to 55,000 BTU/hr.
- ▶ Available in 3-ton to 5-ton capacities.
- ▶ Highly efficient: up to 19 SEER2 and up to 10 HSPF2 (Region IV), 8.5 HSPF2 (Region V).
- ▶ Capable of providing 100% heating capacity down to an outdoor temperature of 5° F.



All-Season Comfort

Reliable heating and cooling throughout the year, ensuring optimal indoor comfort in all weather conditions.



Reliable Heating in Extreme Cold

Engineered to provide dependable warmth even during the coldest winter nights, ensuring comfort when it's needed most.



Advanced Inverter Technology

Utilizes Bosch's inverter technology to precisely modulate output, ensuring a stable and comfortable indoor environment.



Energy Star V6.1 Cold Climate Certified

Bosch IDS Ultra qualifies for federal tax credits and state rebates. Scan or click the QR code to learn more.



DOE Challenge Approved

Approved by the U.S. Department of Energy's Cold Climate Heat Pump Challenge, this unit has undergone extensive testing at a National Laboratory to meet stringent performance standards for heating capacity, energy efficiency, and refrigerant management.



Connected HVAC Solution⁽¹⁾⁽²⁾

Access powerful IoT features with the Bosch EasyAir app for homeowners and contractors, including remote system monitoring, energy usage tracking, and onsite diagnostics tools.

(1) Certain Connected features available through the Bosch EasyAir App are free of charge for 36-months. Afterward, certain fee may apply. For more information see section 3.2 Gateway Services of the Mobile App Terms & Conditions of Service - Bosch EasyAir (2) This product utilizes LTE gateways dependent on third-party cellular service. Signal availability, strength and performance can be affected by location, weather, terrain, user equipment, network capacity and other factors. Bosch does not guarantee cellular service availability or uninterrupted gateway operations.

IDS Ultra System & Technical Information

IDS ULTRA DESCRIPTION & DIMENSIONS					
MODEL NUMBER	DESCRIPTION	PART NUMBER	WIDTH (W)	HEIGHT (H)	DEPTH (D)
OUTDOOR CONDENSING SECTION					
BOVB-36MTB-M19E	36 kBTU/hr (3 ton)	8733983522	29.125	43.3125	29.125
BOVB-60MTB-M19E	60 kBTU/hr (5 ton)	8733982676	29.125	43.3125	29.125
INDOOR AIR HANDLER					
BIVB-36MCB-M19X	36 kBTU/hr (3 ton)	8733983523	19.625	46.5000	21.625
BIVB-48MCB-M19X	48 kBTU/hr (4 ton)	8733982677	22.000	54.5000	24.000
BIVB-60MCB-M19X	60 kBTU/hr (5 ton)	8733982678	22.000	54.5000	24.000

BMAC CASED COIL DIMENSIONS							
MODEL NUMBER	PART NUMBER	CASED			UNCASED		
		WIDTH	HEIGHT	DEPTH	WIDTH	HEIGHT	DEPTH
BMAC4248BBTA	8733984055	17.5	30.0	21.0	16.375	26.88	21.0
BMAC4248CBTA	8733984056	21.0	30.0	21.0	19.875	26.8	21.0
BMAC4248DBTA	8733984057	24.5	30.0	21.0	23.625	26.6	21.0
BMAC4860CBTA	8733984058	21.0	30.0	21.0	19.875	27.0	21.0
BMAC4860DBTA	8733984059	24.5	30.0	21.0	23.625	26.8	21.0

IDS Field Installed Electric Heat Kits

Bosch electric heat kits provide reliable auxiliary heating to support heat pump operation in colder conditions.

FIELD INSTALLED ELECTRIC HEAT KITS		
MODEL NUMBER	PART NUMBER	DESCRIPTION
EHK-05B	8733977739	5 kW Electric Strip Heater
EHK-08B	8733977740	7.5 kW Electric Strip Heater
EHK-10B	8733977741	10 kW Electric Strip Heater
EHK-15B	8733977742	15 kW Electric Strip Heater
EHK-20B	8733977743	20 kW Electric Strip Heater
EHK-15I(UL)	8733977744	15 kW Electric Strip Heater (3 stg)
EHK-20I(UL)	8733977745	20kW Electric Strip Heater (3 stg)

IDS ACCESSORY	
PART NUMBER	DESCRIPTION
8733983568	IDS Communication Kit

Bosch Home Comfort
Product Catalog
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