



Bosch IDS EDGE & EDGE MAX

Inverter-driven performance with Edge & Edge Max cold-climate capability, delivering single- and multi-zone flexibility, backed by Bosch reliability.

- ▶ Up to 18 SEER2 / 10.8 HSPF2
- ▶ Cold-climate capable inverter operation
- ▶ Supports multiple indoor units per home
- ▶ Ducted and wall-mounted indoor options
- ▶ Compact outdoor unit design
- ▶ Quiet operation as low as 57 dB(A)
- ▶ Dual fuel compatible with AHRI-rated coil
- ▶ Retrofit-friendly with existing line sets
- ▶ Standard filter rack included
- ▶ ENERGY STAR® and AHRI® certified
- ▶ Designed for easy installation
- ▶ Intuitive controls
- ▶ Support readily available
- ▶ Spare parts readily available
- ▶ Easy to maintain and service
- ▶ On-board diagnostics



NEW



The Competitive Edge in Installation Flexibility

IDS Edge is a compact, side-discharge outdoor unit built for a wide range of residential installs. Available in Edge and Edge Max configurations, it delivers efficient, dependable heating and cooling, with Max models providing cold-climate performance down to -22°F and maintaining 100% capacity at 5°F.

IDS Edge pairs easily with IDS air handlers, BMAC cased coils, and BGH97 furnaces. For multi-zone applications, it supports compatible ducted and ductless indoor options, giving you the flexibility to design the system around the home. With inverter-driven operation, a compact footprint, and R-454B refrigerant, IDS Edge is a future-ready solution for retrofit or new construction.

Designed for Installation

Bosch IDS Edge and Edge Max are engineered to simplify installation in the field, supporting a wide range of residential system layouts. The system works with standard 24V thermostats and pairs with a variety of indoor options. Whether replacing an existing system or installing new, IDS delivers flexibility without added complexity.

Performance & Reliability

IDS Edge systems are built on a compact, inverter-driven platform designed for long service life and dependable performance. Features like corrosion-resistant coil coatings, self-cleaning condenser fan operation, a heated base pan, and built-in fault diagnostics help protect the system in demanding climates.



Heating down to -22°F with full capacity at 5°F provides dependable performance, making IDS Edge Max a viable replacement for traditional fossil fuel systems.

Designed to Pair. Built to Perform.

Bosch IDS Edge & Edge Max systems are designed to pair with a wide range of indoor solutions, including air handlers, dual-fuel furnaces, ducted units, wall-mounted units, and 4-way cassettes. This flexible pairing approach allows contractors to design systems that fit the home, the application, and the installation, all while delivering consistent comfort & reliable performance.



DESCRIPTION & DIMENSIONS					
MODEL NUMBER	DESCRIPTION	PART NUMBER	WIDTH (W)	DEPTH (D)	HEIGHT (H)
BOHA18 EDGE OUTDOOR CONDENSING SECTION					
BOHA-24RTB-M18S	24 kBTU/hr	8733982286	39.2	16.8	28.0
BOHA-36RTB-M18S	36 kBTU/hr	8733982287	41.0	20.6	34.0
BOHA-60RTB-M18S	60 kBTU/hr	8733982288	38.5	15.7	52.2
BOHA-24MTB-M18S	24 kBTU/hr	8733982283	39.2	16.8	28.0
BOHA-36MTB-M18S	36 kBTU/hr	8733982284	41.0	20.6	34.0
BOHA-60MTB-M18S	60 kBTU/hr	8733982285	38.5	15.7	52.2
BIVB20 PREMIUM AHU INDOOR AIR HANDLER					
BIVB-24RCB-M20X	24 kBTU/hr	8733982684	19.625	46.5	21.625
BIVB-36RCB-M20X	36 kBTU/hr	8733982685	19.625	46.5	21.625
BIVB-48RCB-M20X	48 kBTU/hr	8733982686	22.0	54.5	24.0
BIVB-60RCB-M20X	60 kBTU/hr	8733982687	22.0	54.5	24.0
BIVA18 EDGE MULTI AHU INDOOR AIR HANDLER					
BIVA-12VCB-M18X	12 kBTU/hr	8733982261	18.125	20.5	41.313
BIVA-18VCB-M18X	18 kBTU/hr	8733982262	18.125	20.5	41.313
BIVA-24VCB-M18X	24 kBTU/hr	8733982263	19.688	21.625	46.438
BIVA-36VCB-M18X	36 kBTU/hr	8733982264	19.688	21.625	46.438
BIVA-48VCB-M18X	48 kBTU/hr	8733982265	22.5	24.0	54.5
BIVA-60VCB-M18X	60 kBTU/hr	8733982266	22.5	24.0	54.5
WALL MOUNTED INDOOR AIR HANDLER					
BIWA-07VCB-M18X	7 kBTU/hr	8733982267	29.5	10.438	11.625
BIWA-09VCB-M18X	9 kBTU/hr	8733982268	29.5	10.438	11.625
BIWA-12VCB-M18X	12 kBTU/hr	8733982269	37.375	10.438	11.625
BIWA-18VCB-M18X	18 kBTU/hr	8733982270	47.25	10.438	11.625
4-WAY CASSETTE INDOOR AIR HANDLER*					
BISA-09VCB-M18X	9 kBTU/hr	8733982272	37.375	37.375	8.0
BISA-12VCB-M18X	12 kBTU/hr	8733982273	37.375	37.375	9.688
BISA-18VCB-M18X	18 kBTU/hr	8733982274	37.375	37.375	9.688
4-WAY CASSETTE INDOOR AIR HANDLER*					
BIKA-07VCB-M18X	7 kBTU/hr	8733982275	24.688	24.688	9.25
BIKA-09VCB-M18X	9 kBTU/hr	8733982276	24.688	24.688	9.25
BIKA-12VCB-M18X	12 kBTU/hr	8733982277	24.688	24.688	9.25
BIKA-18VCB-M18X	18 kBTU/hr	8733982278	24.688	24.688	9.25
DUCTED INDOOR AIR HANDLER					
BIDA-07VCB-M18X	7 kBTU/hr	8733982279	25.375	24.813	9.625
BIDA-09VCB-M18X	9 kBTU/hr	8733982280	25.375	24.813	9.625
BIDA-12VCB-M18X	12 kBTU/hr	8733982281	33.25	24.813	9.625
BIDA-18VCB-M18X	18 kBTU/hr	8733982282	43.125	24.813	9.625

*Separate panel is required. refer to the accessory table.

ADDITIONAL ACCESSORY			
PART NUMBER	DESCRIPTION		
8733983568	IDS Communication Box		
8733982717	IDS Gateway Assembly Accessory		
8733983632	Branch Pipe FQZHN-01D (2/3T 3/4x3/8)		
8733983633	Branch Pipe FQZHN-02D (5T 7/8x3/8)		
PART NUMBER	DESCRIPTION		
8733984036	IDS Shut Off Device		
8733984034	4WC Regular Cassette Unit Panel T-MBQ4-01F		
8733984035	4CC Compact Cassette Unit Panel T-MBQ4-03F		

IDS EDGE & EDGE MAX PORTFOLIO PAIRING		OUTDOOR UNIT	
		SINGLE ZONE	MULTI-ZONE
INDOOR UNIT	IDS PREMIUM AHU	✓	X
	Cased Coil Only	✓	X
	BGH97 + Cased Coil	✓	X
	Edge Multi AHU	✓	✓
	Edge Multi Mini-split Wall / Ducted / Cassette	✓	✓

Note: When pairing Cased Coil and IDS Premium it can only be in a Single Zone application. When Pairing the Edge Multi AHU and the other Multi IDUs, its application is both single zone and multi-zone.

MULTI-ZONE IDU CAPACITY SELECTION			
ODU CAPACITY	MAX IDUS	MIN	MAX
		RATIO (%)	RATIO (%)
2 Ton	4	65%	Case 1: No Edge Multi AHU included. (Wall-Mounted, 4-Way Cassette, Compact 4-Way Cassette, Slim Ducted). ▶ Max ratio is 130% of the ODU capacity.
3 Ton	5	50%	Case 2: One or more Edge Multi AHU include. Total lineset within 492ft (150m). ▶ Max ratio is 130% of the ODU capacity.
5 Ton	9	50%	Case 3: One or more Edge Multi AHU include. Total lineset exceed 492ft (150m) but within the specification. ▶ Max ratio is 100% of the ODU capacity.

Example 1: A 5Ton ODU, with a total lineset within 492 ft., with one 4 Ton MULTI AHU, one 12k Wall Mounted Multi AHU, one 18K Wall Mounted. Total of 6.5 Ton, which is 130% of Capacity Ratio of the ODU.
 Example 2: A 3Ton ODU, with a total lineset that exceeds 492 ft., can be paired with two 12k Wall Mounted Multi AHU, and one 12K 4-Way Cassette. Total of 3 Ton, which is 100% of Capacity Ratio of the ODU.

IDS EDGE FIELD INSTALLED ELECTRIC HEAT KITS		
MODEL NUMBER	PART NUMBER	DESCRIPTION
IDS PREMIUM AHU: BIV*20		
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
IDS EDGE MULTI AHU: BIVA18		
EHK-05B	8733983605	EHK for AHU 5kw
EHK-08B	8733983606	EHK for AHU 8kw
EHK-10B	8733983607	EHK for AHU 10kw
EHK-15B	8733983608	EHK for AHU 15kw
EHK-20B	8733983609	EHK for AHU 20kw

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