Bella

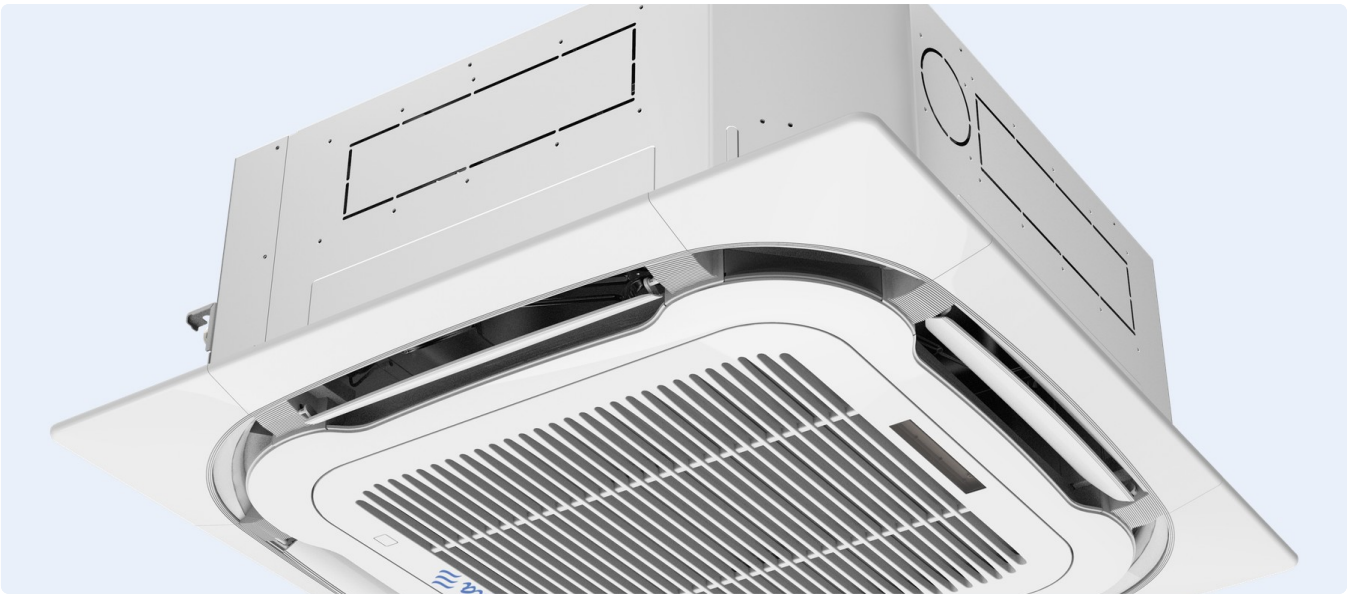
PRODUCT CATALOGUE

Air Conditioning Systems

Split, inverter and cassette air conditioning systems — full technical specifications for evaluation, procurement and installation planning.

Bella
Home Comfort Systems

12,000 – 60,000 BTU/H
R410A · Heat Pump · DC Inverter



ABOUT THE RANGE

Engineered for dependable comfort

Every system in this catalogue is built around heat-pump cooling and heating, R410A refrigerant, and components rated for sustained duty. The line spans wall-mounted split units through to ceiling cassette systems, covering capacities from 12,000 to 60,000 BTU/h, with full electrical, refrigerant and physical specifications documented for each model.

Heat Pump Core

Cooling and heating from a single outdoor unit, reducing the equipment footprint per installed zone.

DC Inverter Options

Variable-speed compressors across the Premium, Turbo and Cassette lines for closer temperature control and lower running load.

R410A Standard

A single refrigerant type across the full range, simplifying servicing, charging and spare-parts planning.

Quiet Operation

Indoor noise levels as low as 30 dB(A) on low fan speed, suited to offices and occupied spaces.

Contents

01 **Bella Premium** 04
ON/OFF · 12,000 BTU/h

02 **Bella Premium Inverter** 05
DC Inverter · 12,000 – 24,000 BTU/h

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DC Inverter · 12,000 – 18,000 BTU/h

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DC Inverter · 24,000 – 60,000 BTU/h

05 **Bella Floor Standing** 09
Fixed Speed · 36,000 – 48,000 BTU/h

Bella Premium

WALL-MOUNTED SPLIT · ON/OFF

Premium ON/OFF 12K

12,000 BTU/H | HEAT PUMP

INDOOR UNIT



OUTDOOR UNIT



PERFORMANCE

Type	Heating pump
Control type	Remote
Rated cooling capacity	12,000 Btu/h · 3,520 W
Rated heating capacity	12,500 Btu/h · 3,664 W
EER (cooling)	3.21 W/W
COP (heating)	3.61 W/W
Indoor noise (S/H/M/L/ Mute)	42/40/37/34/31 dB(A)
Outdoor noise level	50 dB(A)

ELECTRICAL

Power supply	220-240V~ / 50Hz / 1P
Voltage range	198-242 V
Rated current (C/H)	4.98 A / 4.61 A
Rated input (C/H)	1096 W / 1015 W
Max current (C/H)	9.47 A / 9.0 A

REFRIGERANT & PIPING

Refrigerant	R410A · 0.570 kg
Compressor	Rotary · GMCC/LANDA
Connecting pipe (gas/liquid)	3/8" / 1/4"
Suitable area	15-23 m²
Max pipe length	15 m

PHYSICAL

Net dim. Indoor (WxDxH)	777 × 250 × 201 mm
Net dim. Outdoor (WxDxH)	777 × 290 × 498 mm
Net weight (In/Out)	7.5 kg / 24 kg
Operation temp. range	16-31 °C

Bella Premium Inverter

WALL-MOUNTED SPLIT · DC INVERTER

Premium Inverter

12K 18K 24K

OUTDOOR UNIT · SHARED DESIGN



PERFORMANCE

	12K	18K	24K
Rated cooling capacity (Btu/h)	12,000 (2,730–12,965)	18,000 (4,095–19,500)	24,000 (5,120–24,900)
Rated heating capacity (Btu/h)	12,000 (2,730–12,965)	18,000 (4,095–19,500)	24,000 (5,120–24,900)
EER (cooling)	2.80 W/W	2.82 W/W	2.81 W/W
COP (heating)	3.01 W/W	3.07 W/W	2.81 W/W
Indoor noise (Lo/Med/Hi)	30/34/38	33/38/43	41/45/49 dB(A)
Outdoor noise level	52 dB(A)	52 dB(A)	55 dB(A)

ELECTRICAL

	12K	18K	24K
Power supply	208–230V~/60Hz/1P	208–230V~/60Hz/1P	208–230V~/60Hz/1P
Rated current (C/H)	5.9 A / 5.5 A	8.9 A / 8.1 A	11.8 A / 11.8 A
Rated input (C/H)	1255 W / 1170 W	1870 W / 1720 W	2500 W / 2500 W
Max current	7.3 A	12.0 A	13.5 A

REFRIGERANT, PIPING & PHYSICAL

	12K	18K	24K
Refrigerant (R410A)	640 g	1060 g	1350 g
Compressor	KSK103D33UEZC3	KSN140D33UFZ3	KSN140D33UFZ3
Connecting pipe (gas/liquid)	3/8" / 1/4"	3/8" / 1/4"	1/2" / 1/4"
Suitable area	15–23 m²	20–35 m²	30–50 m²
Net dim. Indoor (WxDxH)	790×275×192 mm	920×306×195 mm	1100×333×222 mm
Net dim. Outdoor (WxDxH)	777×290×498 mm	853×349×602 mm	853×349×602 mm
Net weight (In / Out)	8.0 / 22.5 kg	10.5 / 27.5 kg	14.0 / 30.5 kg

Indoor unit photography for this model is being finalized and will be added once supplied.

Bella Turbo Inverter

WALL-MOUNTED SPLIT · DC INVERTER

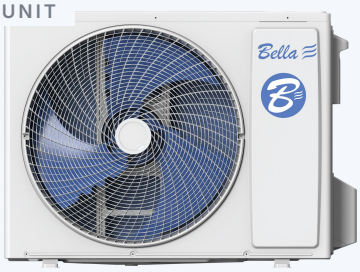
Turbo Inverter

12K 18K

INDOOR UNIT



OUTDOOR UNIT



PERFORMANCE

	12K	18K
Rated cooling capacity	11,222 Btu/h · 3,289 W	17,000 Btu/h (3,600-20,000) · 4,982 W
Rated heating capacity	11,373 Btu/h · 3,333 W	17,000 Btu/h (4,500-21,000) · 4,982 W
EER (cooling)	2.56 W/W	2.91 W/W
COP (heating)	3.02 W/W	3.31 W/W
Indoor noise level	≤40 dB(A)	44 dB(A)
Outdoor noise level	≤53 dB(A)	55 dB(A)

ELECTRICAL

	12K	18K
Power supply	220-240V/50Hz	220-240V/50Hz
Rated current (C/H)	5.59 A / 4.79 A	7.79 A / 6.83 A
Rated power consumption (C/H)	1286 W / 1103 W	1713 W / 1503 W
Max input power / current	1500 W · 7.58 A	2500 W · 12.6 A

REFRIGERANT, PIPING & PHYSICAL

	12K	18K
Refrigerant (R410A)	540 g	820 g
Compressor	ASM140V01VDZL · DC Inverter	KSK103D26UEZD3 · DC Inverter
Connecting pipe (gas/liquid)	9.52 mm (3/8") / 6 mm (1/4")	12 mm (1/2") / 6 mm (1/4")
Net dim. Indoor (WxDxH)	747×194×250 mm	850×190×292 mm
Net dim. Outdoor (WxDxH)	803×305×555 mm	803×305×555 mm
Net weight (In / Out)	6.5 / 29 kg	12.0 / 29 kg

Bella Cassette Inverter

CEILING CASSETTE · DC INVERTER

Cassette Inverter

24K 36K 60K

INDOOR·CASSETTEPANEL(MBO (8



OUTDOOR · 24K



OUTDOOR · 36K / 60K



PERFORMANCE

	24K	36K	60K
Rated cooling capacity	24,000 Btu/h · 7.00 kW	36,000 Btu/h · 10.55 kW	55,000 Btu/h · 16.12 kW
Rated heating capacity	25,590 Btu/h · 7.50 kW	39,880 Btu/h · 11.69 kW	63,500 Btu/h · 18.61 kW
EER	3.18 W/W	3.08 W/W	2.70 W/W
COP	3.66 W/W	3.72 W/W	3.20 W/W
Rated current (cooling / heating)	10.35 A / 9.35 A	15.06 A / 13.79 A	10.80 A / 9.00 A
Outdoor noise level	56 dB(A)	58 dB(A)	60 dB(A)
Indoor noise (Hi/Mi/Lo)	48/45/41 dB(A)	48/45/41 dB(A)	51/47/43 dB(A)

ELECTRICAL

	24K	36K	60K
Outdoor power supply	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	380-415V~/50Hz/3Ph
Indoor power supply	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph	220-240V~/50Hz/1Ph
Max input consumption	3000 W	4090 W	7200 W
Compressor	KTN150D53UFZC3	KTM240D43UKUA2	KTF420D64UMVA
Compressor type	DC Inverter Rotary, GMCC	DC Inverter Rotary, GMCC	DC Inverter Rotary, GMCC

Cassette Inverter — Refrigerant & Dimensions

24K 36K 60K

REFRIGERANT & PIPING

	24K	36K	60K
Refrigerant (R410A)	1.44 kg	2.45 kg	3.20 kg
Design pressure	4.4 MPa	4.2 MPa	4.4 MPa
Liquid pipe	9.52 mm (3/8")	9.52 mm (3/8")	9.52 mm (3/8")
Gas pipe	15.88 mm (5/8")	15.88 mm (5/8")	15.88 mm (5/8")
Max pipe length / height diff.	30 m / 15 m	30 m / 15 m	50 m / 30 m
Ambient temp. (Cooling/Heating)	5-48 / -15-24 °C	5-48 / -15-24 °C	5-48 / -15-24 °C

OUTDOOR UNIT — PHYSICAL

	24K	36K	60K
Net dimension (WxDxH)	825×335×655 mm	900×350×700 mm	940×373×1320 mm
Net weight	32.5 kg	45 kg	82 kg
Gross weight	35.5 kg	49 kg	91 kg

INDOOR UNIT & PANEL — PHYSICAL

	24K	36K	60K
Indoor net dimension (WxHxD)	840×840×246 mm	840×840×246 mm	840×840×288 mm
Indoor net weight	25 kg	26 kg	30 kg
Panel model / dimension	MB08 · 950×950×55 mm	MB08 · 950×950×55 mm	MB08 · 950×950×55 mm
Operation temp. range	16-32 °C	16-32 °C	16-32 °C
Wireless remote	YKR-H/009E	YKR-H/009E	YKR-H/009E

Bella Floor Standing

FLOOR CONSOLE · FIXED SPEED

Floor Standing

36K 48K

INDOOR · SHARED DESIGN



OUTDOOR · 36K



OUTDOOR · 48K



SPECIFICATION

	36K	48K
Type	Cooling & Heating, Fixed Speed	Cooling & Heating, Fixed Speed
Climate type	T3	T3
Control type	Remote	Remote
Power supply	220-240V/50Hz	380V/50Hz
Compressor	Rotary · GMCC	Rotary · Highly
Locked rotor amp (LRA)	54 A	49 A

INDOOR UNIT

	36K	48K
Setting temp. range	16-32 °C	16-32 °C
Fan motor brand	Tongde / Broad-Ocean	Broad-Ocean
Fan speed (rated)	510/440/410/380 rpm	610/520/470/420 rpm
Evaporator	2-row, hydrophilic Al fin, Φ7 Cu tube	2-row, hydrophilic Al fin, Φ7 Cu tube
Air flow	1200 m^3/h	2100 m^3/h
Noise level	49 dB(A)	55 dB(A)
Net dim. (WxHxD)	1742×500×320 mm	1906×581×385 mm

Floor Standing — Outdoor Unit & Refrigerant

36K 48K

OUTDOOR UNIT

	36K	48K
Fan type	Axial-flow	Axial-flow
Fan motor brand	Tongde / Broad-Ocean / Welling	Welling / Tongde
Fan speed (rated)	880 rpm	1030 rpm
Condenser	2-row, hydrophilic Al fin, Φ7 Cu tube	2-row, hydrophilic Al fin, Φ7 Cu tube
Noise level	56 dB(A)	62 dB(A)
Net dim. (WxHxD)	860×720×320 mm	920×1077×330 mm

REFRIGERANT & SAFETY

	36K	48K
Refrigerant	R410A · 1.65 kg	R410A · 2.4 kg
Additional refrigerant	12 g/m	15 g/m
Isolation class	Class I	Class I
Moisture protection	IPX4	IPX4
Ambient temp. (Cooling, outdoor)	16–52 °C	16–52 °C
Ambient temp. (Heating, outdoor)	-15–24 °C	-15–24 °C

Bella

Thank you for considering Bella