



Bosch R32 Air Conditioning Split Solutions (Single, Large and Multi Splits)

About the Bosch Group

Leading global supplier

The Bosch Group is active in the fields of automotive technology, industrial technology, consumer goods, and energy and building technology. The Bosch Group has approximately 389,000 associates who generate sales of over €73.1 billion a year.

The Bosch Group comprises of Robert Bosch GmbH and has more than 440 subsidiaries and regional companies in some 60 countries. When sales and service partners are included, Bosch is represented in 150 countries worldwide.

We are a charitable foundation

92% of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation, while the majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust.

As part of the Bosch Group a percentage of the profits made is donated to charities and good causes both locally and internationally.



Robert Bosch Stiftung

Discover Bosch Commercial and Industrial

bosch-industrial.co.uk

Bosch products deliver high levels of fuel efficiency, consistent performance and have a notoriously long product life.

With our extensive history and decades of experience, you can place your trust in our custom solutions from Europe's market leader in heating and hot water systems.

All our products are subject to rigorous quality testing of each and every component, to ensure efficient, reliable and consistent performance throughout their long life and are supported by an unrivalled technical support team.

From initial consultation, system design to final commissioning and on-going, whole-life support, we offer the complete package.

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Bosch offers the best option for ensuring comfort, while caring for the environment

Our new Bosch Climate 5000 R32 split range provides high quality air conditioning which purifies the air we breathe.

The Climate range is suitable for a wide range of applications, providing a relatively low cost option for both new and retro installations in both residential and commercial properties. Climate 5000 systems are also easy to install by a qualified refrigeration engineer.



Bosch Climate inverter air conditioning units can save up to 40% over a conventional system

Energy efficiency of the range

The Bosch Climate range is compliant with the European ErP 2013 standard (EcoDesign Directive 2009/125/EC) governing air conditioning installations and air conditioning equipment.

3D DC Inverter technology and energy efficiency

Bosch Climate air conditioning units achieve a high level of energy efficiency thanks to their DC Inverter technology.

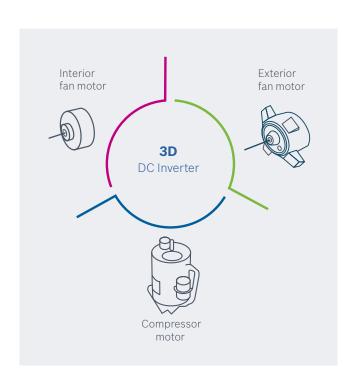
The term Inverter relates to modulation and is used in reference to units with a compressor and fan speed electronic drive that adapts the unit's ability to produce hot and cold air to meet the requirements of the property.

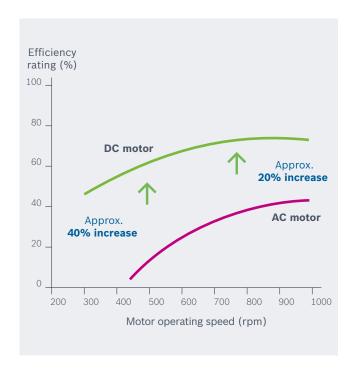
In addition to the compressor motor, the interior and exterior fan motors are also of the DC type and are brushless. As a result, 3D DC Inverter units are both quieter in operation and more efficient, which helps to save energy.

The benefits of DC inverter technology

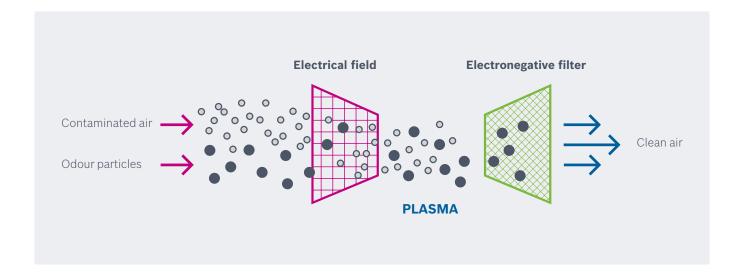
Inverter air conditioning units offer many advantages over those of the no inverter type:

- ► Rapid cooling and heating to achieve the required temperature
- ► Maintain a constant temperature with minimal fluctuations
- ► Power output adjusts to match the demand to avoid frequent compressor start-up/shut down and to increase energy efficiency
- ► Operate at low frequency with the highest SEER efficiency rating over the majority of the operating time which significantly reduces energy consumption
- ► The powerful DC inverter compressor and the exterior fan motor are used to adjust the air flow and volume, resulting in a more extensive and efficient range of operation
- ► There are no voltage peaks in the inverter compressor; the inverter start-up current is much lower than that of a unit without an Inverter.





Efficient, effective and environmentally friendly



Energy efficiency ratings of up to A++

Bosch Climate Split air conditioning units are high quality products with A++ cooling energy efficiency rating, ranking them in the most efficient rating band for high levels of energy saving.

Cold/Heat

Ideal for providing comfort throughout the year from the same source, representing the perfect combination of technology and quality with the added benefit of a leading brand.

Quiet and compact

Thanks to their low noise levels and pleasing aesthetics, Bosch Climate RAC units offer the best of both worlds – a light and attractive modern design plus all the benefits of a comfortable living environment.

Bosch Climate SCAC models are also quiet in operation, but their air flow is delivered by concealed ceiling mounted and cassette units.

Multiple indoor unit options

Bosch Climate Multi Split models can connect from 2 up to 5 indoor wall mounted and cassette type units to a single outside unit, depending upon its capacity.

Purifying filter

The anti-dust filter captures dust particles, providing a cleaner air flow and maintaining a pleasant environment. The purifying filter can eliminate up to 95% of dust particles, smoke and pollen.

R32 refrigerant

More efficient and environment friendly with lower Global Warming Potential (GWP) and reduced fill quantity.

Simple to install and operate

Installation is made easier using the mounting template for the interior unit. The units have various integrated functions and there is an option to use remote controls.

Support from a leading brand

Bosch air conditioning products offer the support of the Bosch Group, a market leader in technology and innovation.





Bosch Climate 5000 RAC standard Split range





- ► Split 1x1 type air conditioning unit.
- ▶ 2.6kW, 3.5kW, 5.3kW and 7kW models.
- ► DC inverter technology.
- ► Environment friendly R32 refrigerant.
- ► Purifying filter.
- ► Compact and quiet.
- ► Remote control included.
- ► Timer. This function allows the programming of the unit's automatic on and off times.
- ► Simple to install and maintain with integral mounting.
- ► Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.
- ► Automatic reset. In the event of a power cut, the unit resets itself, resuming operation at the same settings as before it shut down.
- ➤ Turbo mode. This function increases ventilation speed to reach the required temperature more quickly.

- ► Sleep function. Controls ambient temperature during the night. Auto-modulation improves comfort.
- ► "Follow Me" function. By activating the "Follow Me" function, the sensor in the wireless remote controller measures the indoor temperature. This ensures that accurate room temperatures are maintained.
- ► Self-cleaning. The indoor unit continues running in a special combination mode after the unit is switched off to blow and dry the evaporator, keeping it clean and in optimum working order.
- ➤ Self-diagnosis and safety. In the event of failure in operation the unit automatically turns off and displays a relevant error code. This makes fault diagnosis and repair straightforward.
- ▶ Silent mode. When the silent mode is activated, the compressor will operate at low frequency and the indoor unit will produce a faint breeze which will reduce noise to the lowest level of 20 dBA and create a quiet and comfortable room. Due to the low frequency operation of the compressor this may result in insufficient cooling and heating capacity.
- ► Temperature compensation.

				RAC5000 2,6-2 KIT 7 733 600 531	RAC5000 3,5-2 KIT 7 733 600 532	RAC 5000 5,3-2 KIT 7 733 600 533	RAC5000 7-2 KIT 7 733 600 534
	INDC	OR UNIT		RAC 2.6-2 IBW 7 739 834 579	RAC 3.5-2 IBW 7 739 834 581	5000 RAC 5.3-2 IBW 7 739 834 583	5000 RAC 7-2 IBW 7 739 834 584
	оитр	OOR UNIT		RAC 2.6-2 OUE 8 733 500 822	RAC 3.5-2 OUE 8 733 500 823	RAC 5.3-2 OUE 8 733 500 824	RAC 7-2 OUE 8 733 500 825
Power supp	oly		V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1
Maximum p	oower consumption		W	2150	2150	2950	3850
Maximum c	Maximum operating current A				10	13.5	17.5
	Capacity	Nominal	kW	2.6	3.5	5.3	7.0
	Power consumption	Nominal (min-max)	W	710 (100~1240)	1237 (130~1580)	1539 (140~2360)	2345 (160~2960)
Cooling	Operating current	Nominal (min-max)	А	3.1 (0.4~5.4)	5.4 (0.5~6.9)	6.9 (0.6~10.3)	10.2 (0.7~13.3)
	SEER		W/W	6.2	6.1	7.1	6.1
	ErP energy class			A++	A++	A++	A++
	Capacity	Nominal	kW	2.9	3.8	5.6	7.3
	Power consumption	Nominal (min-max)	W	739 (120~1200)	964 (100~1580)	1480 (200~2410)	2035 (260~3140)
Heating	Operating current	Nominal (min-max)	Α	3.2 (0.5~5.2)	4.2 (0.4~6.9)	6.4 (0.9~10.5)	10.2 (1.1~13.3)
	SCOP		W/W	4.0	4.0	4.0	4.0
	ErP energy class			A+	A+	A+	A+
	Dimensions	WxDxH	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packaging	WxDxH	mm	870x270x360	870x270x360	1035x295x380	1120x310x405
Indoor	Ground	Net/gross	kg	7.5/9.7	7.5/9.7	10/13	12.3/15.8
unit	Fan	Speed (H/M/L)	RPM	1030/850/750	1130/950/750	1130/900/800	1150/1000/850
	Airflow rate	(H/M/L)	m³/h	520/460/360	600/500/360	840/680/540	980/817/662
	Sound pressure level	(H/M/L/Night)	dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44.5/42/34.5/28
	Sound power level	High	dB(A)	53	53	55	59
	Dimensions	WxDxH	mm	700x275x550	700x275x550	800x333x554	845x363x702
	Packaging	WxDxH	mm	815x325x615	815x325x615	920x390x615	965x395x765
	Ground	Net/gross	kg	22.8/25.2	22.7/25.2	34/36.7	51.5/54.5
Outdoor	Compressor	Type		Rotary	Rotary	Rotary	Rotary
unit	Compressor	Operating current (nominal)	Α	4.9	4.9	7.5	9.4
	Fan	Speed (H/M/L)	r/min	850/650/450	850/650/450	800/650/550	850/700/550
	Airflow rate		m³/h	1700	1700	2500	3000
	Sound pressure level		dB(A)	55.5	56	56	59.5
	Sound power level		dB(A)	61	65	61	67
		Туре		R32	R32	R32	R32
	Refrigerant	Heating potential	GWP	675	675	675	675
		Factory charging	kg	0.5	0.5	1.0	1.6
	Dining connections	Liquid / Gas	mm (inch)	Ø6.35(1/4")/ Ø9.52/(3/8")	Ø6.35(1/4")/ Ø9.52/(3/8")	Ø6.35(1/4")/ Ø12.7(1/2")	Ø9.52(3/8")/ Ø15.9(5/8")
	Piping connections	Max installation length	m	25	25	30	50
Installation		Max level difference	m	10	10	20	25
		Feed (to indoor unit)	mm²	3x1.5	3x1.5	3x2.5	3x2.5
	Electric wiring	Communication (with indoor unit)	mm²	5x1.5	5x1.5	5x1.5	5x2.5
		Protection	Α	20	20	20	30
	Controller type				Standard	d wireless	
	Optimum	Cooling	°C	-15~50	-15~50	-15~50	-15~50
	operating range	Heating	°C	-15~30	-15~30	-15~30	-15~30

Provided efficiencies calculated using the following parameters: cooling: indoor temperature 27°C (DB) / 19°C (WB); outdoor temperature 35°C (DB) / 24°C (WB); heating: indoor temperature 20°C (DB) / 15°C (WB); outdoor temperature 7°C (DB) / 6°C (WB); Length of piping installation for combined units 7.5m. Height difference between indoor and outdoor units 0m. Dimensions, technical data and functions may change due to product improvement. Units contain R32 fluorinated greenhouse gases.

Bosch Climate 5000 SCAC Split concealed ceiling mounted range







- ► Split 1x1 type air conditioning unit.
- ► 5.3kW, 7kW, 10.5kW 1-phase; 14kW 3-phase available.
- ► DC inverter technology.
- ► Environment friendly R32 refrigerant.
- ► Purifying filter.
- ► Compact and quiet.
- ► Wired control included.
- ► Timer.
- ▶ Slim design for ease of installation in ceiling space.

- ▶ Automatic restart function. In the event of a break in the power supply, the unit restarts itself resuming operation at the same settings as it was before it shut down.
- ► Sleep function. Controls the ambient temperature during the night, improving comfort.
- ▶ Air inlet from the bottom or rear of the unit.
- ► Three speed fan (Hi, Mi and Lo) for optimum comfort.
- ▶ Drain pump.
- ➤ Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.

				SCAC CLIMATE 5000 18-2 DUCT KIT 7 733 600 526	SCAC CLIMATE 5000 24-2 DUCT KIT 7 733 600 527	SCAC CLIMATE 5000 36-2 1-PHASE DUCT KIT 7 733 600 528	SCAC CLIMATE 5000 48-2 3-PHASE DUCT KIT 7 733 600 530	
	INDOOR	UNIT		MS 18-2 DCT 7 733 700 012	SCI 24-2 DCT 7 739 835 549	SCI 36-2 DCT 7 739 835 550	SCI 48-2 DCT 7 739 837 939 SCI 48 OUE-3 8 733 500 820 (3-PHASE)	
	OUTDOOF	RUNIT		SCI 18 OUE 8 733 500 816 (1-PHASE)	SCI 24 OUE 8 733 500 817 (1-PHASE)	SCI 36 OUE 8 733 500 818 (1-PHASE)		
Power supp	ly (outdoor unit)		V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	380-415/~50/3#	
Maximum p	ower consumption (out	door unit)	W	2950	2950	4700	6200	
Maximum o	perating current (outdo	or unit)	А	13.5	13.5	21.5	11.2	
Capacity Nominal kW		5.28 (2.55~5.69)	7.03 (3.28~8.16)	10.55 (4.04~12.02)	14.07 (4.26~15.19)			
	Power consumption	Nominal (min-max)	W	1633 (710~1900)	2190 (480-2850)	4000 (902-4900)	5150 (1170~5699)	
Cooling	Operating current	Nominal (min-max)	Α	7.2 (3.2~8.3)	9.5 (2.1-12.4)	17.5 (4.2-19.6)	8.3 (1.8~9.4)	
	SEER		W/W	6.1	6.1	6.1	6.1	
	ErP energy class			A++	A++	A++	A++	
	Capacity	Nominal	kW	5.86 (2.20~6.15)	7.62 (2.72~8.72)	11.14 (2.81~13.19)	16.12 (3.7~18.02)	
	Power consumption	Nominal (min-max)	W	1580 (740~1760)	2050 (500-2880)	3100 (800-4640)	4280 (948~5824)	
Heating	Operating current	Nominal (min-max)	Α	7 (3.3~7.7)	8.9 (2.2-12.5)	12.9 (3.6-18.4)	6.8 (1.5~9.2)	
	SCOP		W/W	4.0	4.0	4.0	4.0	
	ErP energy class			A+	A+	A+	A+	
	Power supply		V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1	
	Dimensions	WxDxH	mm	880x674x210	1100x774x249	1360x774x249	1200x874x300	
	Packaging	WxDxH	mm	1070x725x280	1305x805x305	1570x805x305	1405x915x355	
Indoor	Ground	Net/gross	kg	24.3/29.6	31.5/38.9	40.5/48.5	47.6/55.8	
unit	Airflow rate	(H/M/L)	m³/h	880/650/350	1248/1054/839	1400/1150/750	2400/2040/1680	
	Sound pressure level	(H/M/L)	dB(A)	41.5/38/33	42/40/38	47/43/40	51/50/48	
	Sound power level	High	dB(A)	59	62	63	68	
	Dimensions	WxDxH	mm	800x333x554	845x363x702	946x410x810	952x415x1333	
	Packaging	WxDxH	mm	920x390x615	965x395x765	1090x500x875	1095x495x1480	
	Ground	Net/gross	kg	33.7/36.6	66.8/72.6	66.8/73.4	106.7/119.9	
		Туре		Rotary	Rotary	Rotary	Rotary	
Outdoor unit	Compressor	Operating current (nominal)	Α	7.50	9.4	5.38	7	
	Airflow rate		m³/h	2000	2700	4000	7500	
	Sound pressure level		dB(A)	55	62	65	66	
	Sound power level		dB(A)	62	65	67	72	
		Туре		R32	R32	R32	R32	
	Refrigerant	Heating potential	GWP	675	675	675	675	
		Factory charging	kg	1.35	1.5	2.4	2.8	
		Liquid / Gas	mm (inch)	6.35/12.7 (1/4"/1/2")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")	
	Piping connections	Max. installation length	m	30	50	65	65	
		Max level difference	m	20	25	30	30	
Installation	Drain pipe diameter	Outdoor	mm	Ø25	Ø25	Ø25	Ø25	
		Feed (to indoor unit)	mm²		3 core	2.5mm		
	Electric wiring	Communication (with indoor unit)	mm²		3 core 1m	m screened		
		Protection	Α			ation manual		
	Controller type			Wired				
	Optimum	Cooling	°C	-15~50	-15~50	-15~50	-15~50	
	operating range	Heating	°C	-15~24	-15~24	-15~24	-15~24	

#For phase 3.

#For phase 3.

Provided efficiencies calculated using the following parameters:

cooling: indoor temperature 27°C (DB) / 19°C (WB); outdoor temperature 35°C (DB) / 24°C (WB);

heating: indoor temperature 20°C (DB) / 15°C (WB); outdoor temperature 7°C (DB) / 6°C (WB);

Length of piping installation for combined units 7.5m. Height difference between indoor and outdoor units 0m.

Dimensions, technical data and functions may change due to product improvement. Units contain R32 fluorinated greenhouse gases.

Bosch Climate 5000 SCAC Split cassette range







- ► Split 1x1 type air conditioning unit.
- ► 5.3kW, 7kW, 10.5kW 1-phase; 14kW 3-phase available.
- ► DC inverter technology.
- ► Environment friendly R32 refrigerant.
- ► Louvre position memory.
- ➤ 360° air flow panel available on size 5.3kW. Not available on other sizes.
- ▶ Purifying filter.
- ► Compact and quiet.
- ► Remote control included.
- ► Optional wired control.
- ► Timer.

- ▶ Automatic restart function. In the event of a break in the power supply, the unit restarts itself resuming operation at the same settings as it was before it shut down.
- ► Sleep function. Controls the ambient temperature during the night, improving comfort.
- ▶ Three speed fan (Hi, Mi and Lo) for optimum comfort.
- ▶ Drain pump.
- ► Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.

				SCAC CLIMATE 5000 18 CASSETTE KIT 7 733 600 521	SCAC CLIMATE 5000 24 CASSETTE KIT 7 733 600 522	SCAC CLIMATE 5000 36 1-PHASE CASSETTE KIT 7 733 600 523	SCAC CLIMATE 5000 48 3-PHASE CASSETTE KIT 7 733 600 525
	INDOO	R UNIT		MS 18-1 CAS 7 733 700 010	SCI 24 CAS 7 739 833 673	SCI 36 CAS 7 739 833 674	SCI 48 CAS 7 739 833 675
	OUTDO	OR UNIT		SCI 18 OUE 8 733 500 816 (1-PHASE)	SCI 24 OUE 8 733 500 817 (1-PHASE)	SCI 36 OUE 8 733 500 818 (1-PHASE)	SCI 48 OUE-3 8 733 500 820 (3-PHASE)
Power supp	ly (outdoor unit)		V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	380-415/~50/3#
Maximum po	ower consumption (out	tdoor unit)	W	2950	2950	4700	6200
Maximum o	perating current (outdo	oor unit)	Α	13.5	13.5	21.5	11.2
	Capacity	Nominal (min-max)		5.28 (2.90~5.74)	7.03 (3.22~8.21)	10.55 (4.04~12.02)	14.07 (4.75~14.58)
Caalina	Power consumption	Nominal (min-max)	W	1633 (720~1860)	2190 (480-2850)	3750 (890~4500)	5130 (1174~5602)
Cooling	Operating current	Nominal (min-max)	А	7.2 (3.2~8.2)	9.5 (2.1-12.4)	16.3 (3.9~19.6)	8.3 (1.8~9.3)
	SEER		W/W	6.1	6.1	6.1	6.1
	ErP energy class			A++	A++	A++	A++
	Capacity	Nominal (min-max)	kW	5.42 (2.37~6.10)	7.62 (2.43~8.65)	11.14 (2.94~13.48)	16.12 (3.93~16.77)
Heating	Power consumption	Nominal (min-max)	W	1460 (700~1930)	2050 (500-2880)	2993 (720~4450)	5050 (987~5378)
neating	Operating current	Nominal (min-max)	А	6.4 (3.1~8.5)	8.9 (2.2-12.5)	13.0 (3.2~19.4)	8.2 (1.56~8.9)
	SCOP		W/W	4.0	4.0	4.0	4.0
	ErP energy class			A+	A+	A+	A+
	Power supply		V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1
	Dimensions (body)	WxDxH	mm	570x570x260	840x840x205	840x840x245	840x840x287
	Packing (body)	WxDxH	mm	662x662x317	900x900x225	900x900x265	900x900x292
	Ground (body)	Net/gross	kg	16.2/21.4	23/27	27.5/31	29/32.7
	Dimensions (panel)	WxDxH	mm	647x647x50	950x950x55	950x950x55	950x950x55
Indoor unit	Packing (panel)	WxDxH	mm	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90
	Weight (panel)	Net/gross	kg	2.5/4.5	5/8	5/8	5/8
	Fan	Speed (H/M/L)	RPM	752/664/576	780/600/-	910/780/600	910/780/600
	Airflow rate	(H/M/L)	m³/h	720/625/540	1378/1200/1032	1775/1620/1438	1715/1568/1381
	Sound pressure level	(H/M/L)	dB(A)	42.5/39/35.5	47/43/40	51/49/46	52/50/49
	Sound power level	High	dB(A)	56	59	61	65
	Dimensions	WxDxH	mm	800x333x554	845x363x702	946x410x810	952x415x1333
	Packaging	WxDxH	mm	920x390x615	965x395x765	1090x500x875	1095x495x1480
	Ground	Net/gross	kg	33.7/36.6	66.8/72.6	66.8/73.4	106.7/119.9
Outdoor unit	Compressor	Type Operating current	А	Rotary 7.5	Rotary 9.40	Rotary 5.38	Rotary 7
	A: 0	(nominal)			0700	4000	7500
	Airflow rate		m³/h	2000	2700	4000	7500
	Sound pressure level		dB(A)	55	62 65	65 67	66
	Sound power level	Туре	dB(A)	62 R32	65 R32	67 R32	72 R32
	Refrigerant	Heating potential	GWP	675	675	675	675
	Hemigerant	Factory charging	kg	1.35	1.5	2.4	2.8
		Liquid / Gas	mm (inch)	Ø6.35/Ø12.7 (1/4"/1/2")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")	Ø9.52/Ø15.9 (3/8"/5/8")
	Piping connections	Max. installation length	m	30	50	65	65
		Max. level difference	m	20	25	30	30
Installation	Drain pipe diameter	Outdoor	mm	Ø25	Ø32	Ø32	Ø32
		Feed (to indoor unit)	mm ²	~20		core 2.5mm	~02
	Electric wiring	Communication (with Indoor unit)	mm ²			e 1mm screened	
		Protection	Α		See in	stallation manual	
	Controller type				Wireless as standard (w	vired control as optional acces	ssory)
	Optimum	Cooling	°C	-15~50	-15~50	-15~50	-15~50
	operating range	Heating	°C	-15~24	-15~24	-15~24	-15~24

Provided efficiencies calculated using the following parameters:
cooling: indoor temperature 27°C (DB) / 19°C (WB); outdoor temperature 35°C (DB) / 24°C (WB);
heating: indoor temperature 20°C (DB) / 15°C (WB); outdoor temperature 7°C (DB) / 6°C (WB);
Length of piping installation for combined units 7.5m. Height difference between indoor and outdoor units 0m.

Dimensions, technical data and functions may change due to product improvement. Units contain R32 fluorinated greenhouse gases.

Bosch Climate MS IBW Wall Mounted range



- ▶ 2kW, 2.6kW, 3.5kW, 5.3kW and 7kW models available.
- ► Stylish design.
- ► Compact and quiet.
- ▶ Broad operating temperature range (-15°C to 50°C).
- ► Improved air quality thanks to high-density and cold catalyst filters.
- ► User friendly. Together with numerous presetting and convenience functions such as the Silent Mode, "Follow Me" and Self-clean, automatic functions such as Modulation Temperature Control and Airflow Control make the appliance very easy to operate.
- ▶ Silent Mode. When the Silent Mode is activated the compressor will operate at low frequency and the indoor unit will produce a faint breeze which will reduce the noise to the lowest level of 20 dBA, creating a quiet and comfortable room temperature. Due to the low frequency operation of the compressor this may result in insufficient cooling and heating capacity.
- ► Sleep function. Controls ambient temperature during the night. Auto-modulation improves comfort.
- ► "Follow Me" function. By activating the "Follow Me" function, the sensor in the wireless remote controller measures the indoor temperature. This ensures that accurate room temperatures are maintained.

- ➤ Self-cleaning. The indoor unit continues running in a special combination mode after the unit is switched off to blow and dry the evaporator, keeping it clean and in optimum working order.
- ► Self-diagnosis and safety. In the event of failure in operation the unit automatically turns off and displays a relevant error code. This makes fault diagnosis and repair straightforward.
- ► Turbo mode. This function increases ventilation speed to reach the required temperature more quickly.
- ► Timer. The timer function automatically turns the unit on and off and helps to reduce energy costs.
- ► Simple to install and maintain with integral mounting.
- ➤ Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.
- ► Automatic reset. In the event of a power cut, the unit resets itself, resuming operation at the same settings as before it shut down.
- ► Temperature compensation.
- ► Remote control included.
- Suitable for family homes, apartments and commercial properties.

				5000 MS 2.0	5000 RAC 2.6	5000 RAC 3.5	5000 RAC 5.3	5000 RAC 7.0
	INDOOR	UNIT		MS 2-2 IBW 8 733 501 984	RAC 2.6-2 IBW 7 739 834 579	RAC 3.5-2 IBW 7 739 834 581	RAC 5.3-2 IBW 7 739 834 583	RAC 7-2 IBW 7 739 834 584
Power supp	ly		V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1
	Capacity	Nominal	kW	2	2.6	3.5	5.3	7
Cooling	Power consumption	Nominal	W	20	20	20	31	42
	Operating current	Nominal	А	0.1	0.1	0.1	0.15	0.2
	Capacity	Nominal	kW	2.3	2.9	3.8	5.6	7.3
Heating	Power consumption	Nominal (min-max)	W	20	20	20	31	42
	Operating current	Nominal (min-max)	А	0.1	0.1	0.1	0.15	0.2
	Indoor unit	WxDxH	mm	805x194x285	805x194x285	805x194x285	957x213x302	1040x220x327
	Packaging	WxDxH	mm	870x270x360	870x270x360	870x270x360	1035x295x380	1120x405x310
	Weight	Net/gross	kg	7.5/9.7	7.5/9.7	7.5/9.7	10/13	12.3/15.8
	Airflow rate	(H/M/L)	m³/h	520/460/340	520/460/340	600/500/360	840/680/540	980/817/662
Installation	Sound pressure level	(H/M/L)	dB(A)	40/30/26	40/30/26	40/30/26	44/37/30	44.5/42/34.5
	Sound power level	High	dB(A)	53	53	53	55	59
	Piping connections	Liquid / Gas	mm (inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")	Ø9.52/Ø15.9 (3/8"/5/8")
	Controller type					Standard wireless		

Provided efficiencies calculated using the following parameters: cooling: indoor temperature 27°C (DB) / 19°C (WB); outdoor temperature 35°C (DB) / 24°C (WB) heating: indoor temperature 20°C (DB) / 15°C (WB); outdoor temperature 7°C (DB) / 6°C (WB),

length of piping installation for combined units 7.5m, height difference between the external and internal unit 0m.

The dimensions, technical data and functions may change due to product improvement.



Bosch Climate 5000 MS CAS Compact 4-Way Cassette range



- ▶ 2kW, 2.6kW, 3.5kW and 5.3kW models available.
- ► Louvre position memory.
- ► 360° air flow panel available on size 5.3kW. Not available on other sizes.
- ▶ Broad operating temperature range (-15°C to 50°C).
- ► Purifying filter.
- ► Compact and quiet.
- ▶ Automatic restart function. In the event of a break in the power supply the unit restarts itself, resuming operation at the same settings as before it shut down.
- ► Sleep function. Controls the ambient temperature during the night, improving comfort.
- ▶ Three speed fan (Hi, Mi and Lo) for optimum comfort.

- ▶ Built-in drain pump.
- ► Turbo mode. This function increases ventilation speed to reach the required temperature more quickly.
- ► Timer. The timer function automatically turns the unit on and off and helps to reduce energy costs.
- ► Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.
- ► Remote control included.
- ▶ Optional wired control available as accessory.
- ➤ Suitable for commercial properties and larger domestic properties.

				MS 07 CAS	MS 09 CAS	MS 12 CAS	MS 18-1 CAS
	INDO	OR UNIT		MS 07 CAS 8 733 500 815	MS 09 CAS 7 739 833 689	MS 12 CAS 7 739 833 690	MS 18-1 CAS 7 733 700 010
Power supply			V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1
	Capacity	Nominal	kW	2.0	2.6	3.5	5.3
Cooling	Power consumption	Nominal	W	40	40	40	102
	Operating current	Nominal	А	0.18	0.18	0.18	0.44
	Capacity	Nominal	kW	2.3	2.9	4.1	5.6
Heating	Power consumption	Nominal	W	40	40	40	102
	Operating current	Nominal	А	0.18	0.18	0.18	0.44
	Indoor unit	WxDxH	mm	570x570x260	570x570x260	570x570x260	570x570x260
	Packaging	WxDxH	mm	662x662x317	662x662x317	662x662x317	662x662x317
	Weight	Net/gross	kg	14.5/17.3	14.5/17.3	16.2/21.4	16.2/21.4
	Airflow rate	(H/M/L)	m³/h	580/500/450	580/500/450	617/504/415	720/625/540
Installation	Sound pressure level	(H/M/L)	dB(A)	38/33/29	38/33/29	41/37/34	43/39/36
motunation	Sound power level	High	dB(A)	53	53	58	56
	Piping connections	Liquid / Gas	mm (inch)	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø9.52 (1/4"/3/8")	Ø6.35/Ø12.7 (1/4"/1/2")
	Drain pipe diameter	Outdoor	mm	ODØ25	ODØ25	ODØ25	ODØ25
	Controller type			Standard	wireless (optional wired	controller available as a	ccessory)
	Type of model				Cassette Panel 7	/9/12/18 kBTU/h	
	Part number			7 739 834 567	7 739 834 567	7 739 834 567	7 739 834 567
Panel	Dimensions	WxDxH	mm	647x647x50	647x647x50	647x647x50	647x647x50
	Packaging	WxDxH	mm	715x715x123	715x715x123	715x715x123	715x715x123
	Weight	Net/gross	kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5

Provided efficiencies calculated using the following parameters: cooling: indoor temperature 27°C (DB) / 19°C (WB); outdoor temperature 35°C (DB) / 24°C (WB) heating: indoor temperature 20°C (DB) / 15°C (WB); outdoor temperature 7°C (DB) / 6°C (WB), length of piping installation for combined units 7.5m, height difference between the external and internal unit 0m.

The dimensions, technical data and functions may change due to product improvement.



Multi Split Commercial Air Conditioning Outdoor Units







- ► Multi split air conditioning unit.
- ► 5.3kW, 7.9kW, 10.5 kW and 12.3kW cooling output models.
- ► Can connect from 2 up to 5 indoor wall mounted and cassette type units.
- ▶ DC inverter technology enables the compressor to automatically adjust its speed to meet the current demand, ensuring that power consumption remains at a minimum.
- ► Environment friendly. Use of eco-friendly refrigerant R32 with lower Global Warming Potential (GWP) and reduced refrigerant fill quantity.

- ▶ Broad operating temperature range (-15°C to 50°C).
- ► Automatic diagnosis of installation errors.
- Compact dimensions.
- ► Possibility of longer distances between units.
- ▶ Refrigerant leakage detection. If the unit detects refrigerant leakage a message "EC" will appear on the indoor unit display and the air conditioner will stop operation. This function also protects the compressor against damage.
- ► Suitable for family homes, apartments and commercial properties.

				MS 18 OUE	MS 27 OUE	MS 36 OUE	MS 42 OUE
	ОИТО	OOR UNIT		MS 18 OUE 8 733 500 811	MS 27 OUE 8 733 500 812	MS 36 OUE 8 733 500 813	MS 42 OUE 8 733 500 814
	INDOOR UNIT	COMBINATION		RAC 2.6-2 IBW 7 739 834 579 (2 UNITS)	RAC 2.6-2 IBW 7 739 834 579 (3 UNITS)	RAC 2.6-2 IBW 7 739 834 579 (4 UNITS)	RAC 2.6-2 IBW 7 739 834 579 (5 UNITS)
Power supply			V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1
Maximum pow	er consumption		W	2850	3100	4600	4700
Maximum ope	Maximum operating current A		А	13	15	21.5	22
	Capacity	Nominal	kW	5.3	7.9	10.5	12.3
	Power consumption	Nominal (min-max)	W	1630 (650~2000)	2440 (650~3370)	3300 (710~4050)	4320 (700~4580)
Cooling	Operating current	Nominal (min-max)	А	7.1 (2.8~9.2)	10.6 (3.0~13.5)	15.0 (3.2~18.5)	18.9 (3.6~21.0)
Cooling	EER		W/W	3.24	3.24	3.23	2.89
	SEER		W/W	6.0	6.1	6.1	6.1
	ErP energy class			A+	A++	A++	A++
	Capacity	Nominal	kW	5.6	8.4	10.8	12.3
	Power consumption	Nominal (min-max)	W	1390 (600~1670)	2270 (650~3010)	2760 (700~3978)	3100 (780~4210)
Heating	Operating current	Nominal (min-max)	Α	6.1 (2.6~7.7)	10.0 (2.8~13.5)	12.1 (3.0~16.4)	13.5 (3.4~17.6)
Heating	COP		W/W	4.01	3.76	4.01	3.97
	SCOP		W/W	3.8	3.8	3.8	3.5
	ErP energy class			А	А	А	А
	Dimensions	WxDxH	mm	800x333x554	845x363x702	946x410x810	946x410x810
	Packaging	WxDxH	mm	920x390x615	965x395x765	1090x500x875	1090x500x875
	Weight	Net/gross	kg	35.5/38.5	53/56.5	68.8/75.6	73.3/80.4
		Туре		Rotary	Rotary	Rotary	Rotary
Outdoor unit		Operating current (nominal)	А	7.50	9.4	5.38	5.38
	Fan	Speed (H/M/L)	r/min	850/800/750	850/750/600	900/750/600	900/750/600
	Airflow rate		m³/h	2200	2700	4000	3850
	Sound pressure level		dB(A)	56	59	63	64
	Sound power level		dB(A)	65	66	67	69
Indoor unit	Sound power level		dB(A)	53	54	54	54
		Туре		R32	R32	R32	R32
	Refrigerant	Heating potential	GWP	675	675	675	675
		Factory charging Liquid / Gas	kg mm (inch)	2 sets Ø6.35/Ø9.52 (1/4"/3/8")	1.57 3 sets Ø6.35/Ø9.52 (1/4"/3/8")	2.1 3 sets Ø6.35/Ø9.52 (1/4"/3/8") + 1 set Ø6.35/Ø12.7	2.4 4 sets Ø6.35/Ø9.52 (1/4"/3/8") + 1 set Ø6.35/Ø12.7
				40	00	(1/4"/1/2")	(1/4"/1/2")
	Piping connections	Max. installation length Max. level difference (Max. length for one indoor unit)	m m	40 25	30	35	35
Installation		Max. height difference between indoor and outdoor unit	m	15	15	15	15
		Max. height difference between indoor units	m	10	10	10	10
		Feed (to indoor unit)	mm²	3x2.5	3x2.5	3x4.0	3x4.0
	Electric wiring	Communication (with Indoor unit)	mm²	5x1.5	5x1.5	5x1.5	5x1.5
		Protection	А	16	20	25	30
	No. of compatible indoor units	(Min./max.)		1/2	1/3	1/4	1/5
	Optimum	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	operating range	Heating	°C	-15-24	-15-24	-15-24	-15-24

Multi Split Commercial Air Conditioning Outdoor Units – continued

Technical data

				MS 18 OUE	MS 27 OUE	MS 36 OUE	MS 42 OUE
	OUTDO	OOR UNIT		MS 18 OUE 8 733 500 811	MS 27 OUE 8 733 500 812	MS 36 OUE 8 733 500 813	MS 42 OUE 8 733 500 814
	INDOOR UNI	T COMBINATION		MS 09 CAS 7 739 833 689 (2 UNITS)	MS 09 CAS 7 739 833 689 (3 UNITS)	MS 09 CAS 7 739 833 689 (4 UNITS)	MS 09 CAS 7 739 833 689 (5 UNITS)
Power supply			V/Hz/Ph	220-240/~50/1	220-240/~50/1	220-240/~50/1	220-240/~50/1
Maximum pow	Maximum power consumption			2300	3100	4600	4700
Maximum ope	rating current		А	12	15	21.5	22
	Capacity	Nominal	kW	5.3	7.9	10.5	12.3
	Power consumption	Nominal (min-max)	W	1750 (650~2000)	2470 (680~3470)	3600 (733~4250)	3830 (750~4596)
Caalina	Operating current	Nominal (min-max)	А	8.0 (2.8~9.2)	10.7 (3.0~13.6)	16.5 (3.2~20.1)	17.4 (3.4~21.4)
Cooling	EER		W/W	3.01	3.22	2.93	3.21
	SEER		W/W	5.6	5.6	5.6	5.6
	ErP energy class			A+	A+	A+	A+
	Capacity	Nominal	kW	5.6	8.2	10.5	12.3
	Power consumption	Nominal (min-max)	W	1550 (600~1670)	2350 (680~3150)	3000 (720~4110)	3400 (780~4480)
	Operating current	Nominal (min-max)	А	7.1 (2.6~7.7)	10.2 (3.0~13.5)	13.7 (3.4~17.2)	15.5 (3.6~18.5)
Heating	COP		W/W	3.59	3.49	3.52	3.62
	SCOP		W/W	3.8	3.8	3.8	3.8
	ErP energy class			Α	Α	Α	А
	Dimensions	WxDxH	mm	800x333x554	845x363x702	946x410x810	946x410x810
	Packaging	WxDxH	mm	920x390x615	965x395x765	1090x500x875	1090x500x875
	Weight	Net/gross	kg	35.5/38.5	53/56.5	68.8/75.6	73.3/80.4
		Туре		Rotary	Rotary	Rotary	Rotary
Outdoor unit	Compressor	Operating current (nominal)	А	7.1	9.4	5.38	5.38
	Fan	Speed (H/M/L)	r/min	850/750/650	850/750/600	900/750/600	900/750/600
	Airflow rate		m³/h	2200	2700	4000	3850
	Sound pressure level		dB(A)	56	59	63	62
	Sound power level		dB(A)	64	66	67	72
Indoor unit	Sound power level		dB(A)	53	53	53	53
		Туре		R32	R32	R32	R32
	Refrigerant	Heating potential	GWP	675	675	675	675
		Factory charging	kg	1.3	1.57	2.1	2.4
		Liquid / Gas	mm (inch)	2 sets Ø6.35/Ø9.52 (1/4"/3/8")	3 sets Ø6.35/Ø9.52 (1/4"/3/8")	3 sets Ø6.35/Ø9.52 (1/4"/3/8") + 1 set Ø6.35/Ø12.7 (1/4"/1/2")	4 sets Ø6.35/Ø9.52 (1/4"/3/8") + 1 set Ø6.35/Ø12.7 (1/4"/1/2")
		Max. installation length	m	40	60	80	80
	Piping connections	Max. level difference (Max length for one indoor unit)	m	25	30	35	35
Installation		Max. height difference between indoor and outdoor unit	m	15	15	15	15
		Max. height difference between indoor units	m	10	10	10	10
		Feed (to indoor unit)	mm²	3x2.5	3x2.5	3x4.0	3x4.0
	Electric wiring	Communication (with Indoor unit)	mm²	5x1.5	5x1.5	5x1.5	5x1.5
		Protection	А	16	20	25	30
	No. of compatible indoor units	(Min./max.)		1/2	1/3	1 / 4	1 / 5
	Optimum	Cooling	°C	-15-50	-15-50	-15-50	-15-50
	operating range	Heating	°C	-15-24	-15-24	-15-24	-15-24

Combination tables for connectable Multi Split units

Note: All IDU capacities shown in these tables are in kBTU/h.

7 kBTU/h: 2kW
9 kBTU/h: 2.6kW
12 kBTU/h: 3.5kW
18 kBTU/h: 5.3kW
24 kBTU/h: 7kW

BOSCH CLIMATE 5000	BOSCH CLIMATE 5000 MS 18 OUE (COOLING: 5.3kW)					
8 7:	8 733 500 811					
1 INDOOR UNIT	2 INDOOR UNITS					
7	7+7					
9	7+9					
12	7+12					
18	9+9					
	9+12					
	12+12					

BOSCH CLIMATE 5000 MS 27 OUE (COOLING: 7.9kW)								
8 733 500 812								
1 INDOOR UNIT	2 INDOOR UNITS	3 INDOOR UNITS						
7	7+7	7+7+7						
9	7+9	7+7+9						
12	7+12	7+7+12						
18	7+18	7+9+9						
	9+9	7+9+12						
	9+12	7+12+12						
	9+18	9+9+9						
	12+12	9+9+12						
	12+18	9+12+12						
		12+12+12						

	BOSCH CLIMATE 5000 MS 36 OUE (COOLING: 10.5kW)									
	8 733 500 813									
1 INDOOR UNIT	2 INDOOR UNITS	3 INDOC	R UNITS	4 INDOC	OR UNITS					
7	7+7	7+7+7	7+18+18	7+7+7+7	7+9+9+18					
9	7+9	7+7+9	9+9+9	7+7+7+9	7+9+12+12					
12	7+12	7+7+12	9+9+12	7+7+7+12	7+12+12+12					
18	7+18	7+7+18	9+9+18	7+7+7+18	9+9+9+9					
24	7+24	7+7+24	9+9+24	7+7+9+9	9+9+9+12					
	9+9	7+9+9	9+12+12	7+7+9+12	9+9+9+18					
	9+12	7+9+12	9+12+18	7+7+9+18	9+9+12+12					
	9+18	7+9+18	9+12+24	7+7+12+12	9+12+12+12					
	9+24	7+9+24	9+18+18	7+7+12+18	12+12+12+12					
	12+12	7+12+12	12+12+12	7+9+9+9						
	12+18	7+12+18	12+12+18	7+9+9+12						
	12+24	7+12+24								
	18+18									

	BOSCH CLIMATE 5000 MS 42 OUE (COOLING: 12.3kW)									
8 733 500 814										
1 INDOOR UNIT	1 INDOOR UNIT 2 INDOOR UNITS 3 INDOOR UNITS				4 INDOOR UNITS		5 INDOOR UNITS			
7	7+7	7+7+7	9+9+9	7+7+7+7	7+7+18+18	9+9+9+9	7+7+7+7	7+7+12+12+18		
9	7+9	7+7+9	9+9+12	7+7+7+9	7+9+9+9	9+9+9+12	7+7+7+7+9	7+9+9+9+9		
12	7+12	7+7+12	9+9+18	7+7+7+12	7+9+9+12	9+9+9+18	7+7+7+7+12	7+9+9+9+12		
18	7+18	7+7+18	9+9+24	7+7+7+18	7+9+9+18	9+9+9+24	7+7+7+7+18	7+9+9+9+18		
24	7+24	7+7+24	9+12+12	7+7+7+24	7+9+9+24	9+9+12+12	7+7+7+9+9	7+9+9+12+12		
	9+9	7+9+9	9+12+18	7+7+9+9	7+9+12+12	9+9+12+18	7+7+7+9+12	7+9+12+12+12		
	9+12	7+9+12	9+12+24	7+7+9+12	7+9+12+18	9+9+12+24	7+7+7+9+18	9+9+9+9+9		
	9+18	7+9+18	9+18+18	7+7+9+18	7+9+12+24	9+12+12+12	7+7+7+12+12	9+9+9+9+12		
	9+24	7+9+24	12+12+12	7+7+9+24	7+9+18+18	9+12+12+18	7+7+7+12+18	9+9+9+9+18		
	12+12	7+12+12	12+12+18	7+7+12+12	7+12+12+12	12+12+12+12	7+7+9+9+9	9+9+9+12+12		
	12+18	7+12+18	12+12+24	7+7+12+18	7+12+12+18	12+12+12+18	7+7+9+9+12	9+9+12+12+12		
	12+24	7+12+24	12+18+18	7+7+12+24			7+7+9+9+18			
	18+18	7+18+18					7+7+9+12+12			
							7+7+9+12+18			
							7+7+12+12+12			



Overview of our complete product range

With our extensive product range of energy-efficient products we can provide the complete heating, hot water and cooling solution for every type of facility whatever its age or size.

- ► Gas- or oil-fired boilers with individual outputs from 50kW to 38,000kW and standard efficiencies of up to 109%.
- ▶ Multi-fuel boilers with outputs from 650kW to 19,200kW.
- ▶ Dual Fuel, Biogas and LPG boilers with outputs from 420kW to 1,850kW.
- ► Compact condensing multi-boiler cascade systems of wall-mounted boilers with outputs of up to 800kW in a variety of configurations.
- ► Compact condensing multi-water heater cascade systems of up to 600kW.



- ▶ Combined Heat and Power (CHP) modules with outputs ranging from 12kWe to 400kWe.
- ► High performance Split air conditioning systems (Single, Large and Multi Splits).
- ► High efficiency Heat Interface Units (HIU) providing centralised heating and hot water solutions for multi-residential accommodation.
- ► Highly efficient, low NOx gas absorption heat pumps.
- ► Large scale high-performance solar thermal systems for efficient hot water supply.
- ► Modular control systems and intelligent web-enabled cross-platform controls for large-scale plants.

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Bosch Thermotechnology Ltd. has a policy of continuous research and development and this may necessitate alterations to this specification from time to time. Therefore before preparing for the installation of the appliance it is important that the instructions issued with the unit are carefully read and adhered to. The statutory rights of the customer are not affected. Photographs shown are used for illustrative purpose only. All information is correct at time of going to press. Bosch Thermotechnology Ltd. reserves the right to alter any information where necessary. E&OE.

