



FAN CONVECTORS

All MYSON fan convectors are made up of similar core components, offering a range of features:

- A copper pipe heat exchanger with aluminium fins, which gives a huge surface area
- A motor and fan that force air over the heat exchanger
- Hot water temperature sensors that determine if the heating system is running or not
- Controls that allow the user to setup the product to suit their needs

The way fan convectors activate is usually via the water side temperature sensor. If the water in the heating system is hot enough then the fans will switch on and if the heating system switches off and the water cools down then the fans will deactivate.



KICKSPACE®

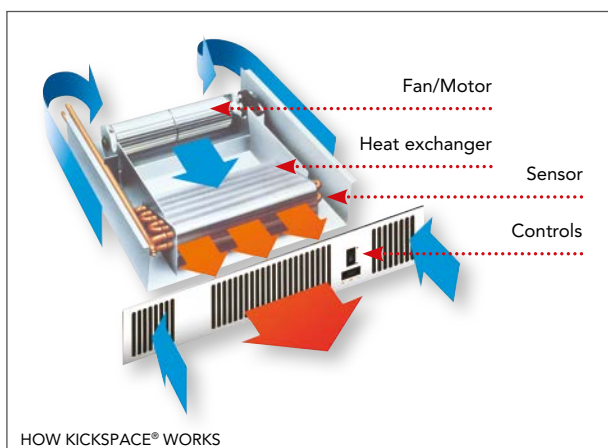
Clever by design, MYSON's innovative, plinth heaters provide a space saving heating solution for kitchens where vital wall space is often taken up by a traditional radiator. The discrete KICKSPACE® can be fitted easily under units allowing more interior design freedom and rapid space heating using a high surface area heat exchanger.

HYDRONIC - KICKSPACE® 500, 600 AND 800

The most popular range of KICKSPACE® are the hydronic models that integrate directly into the existing central heating system. These three models provide heat outputs from 1kW to 2.6kW, providing warmth for any room. The fan on these models will activate with the central heating system.

LOW VOLTAGE HYDRONIC - KICKSPACE® 600-12V

This unique model means you get all the advantages of KICKSPACE® but it can be used in areas of high humidity, such as bathrooms and en-suites.



NEW & IMPROVED



ELECTRIC - KICKSPACE® 500E & 600E ECO

The electric KICKSPACE® is perfect for properties without a central heating system or in rooms where there is no existing pipework. Quick and easy to fit, the 500E ECO can provide a heat output up to 2kW while the 600E ECO is up to 3kW.



500E & 600E ECO

DUO - KICKSPACE® 500 DUO ECO

The KICKSPACE® 500 DUO ECO model combines the advantages of the hydronic and electric models, with the flexibility to switch between central heating and electric modes.



500 DUO ECO



WIRELESS THERMOSTAT

Supplied with
KICKSPACE® 500E,
600E & DUO ECO
models

HYDRONIC - KICKSPACE® 80S & 80D

The KICKSPACE® 80S and 80D are a lower height and suitable for Ikea and European style kitchen units. They have all the features of the KICKSPACE® and come in a single and double width for extra output.



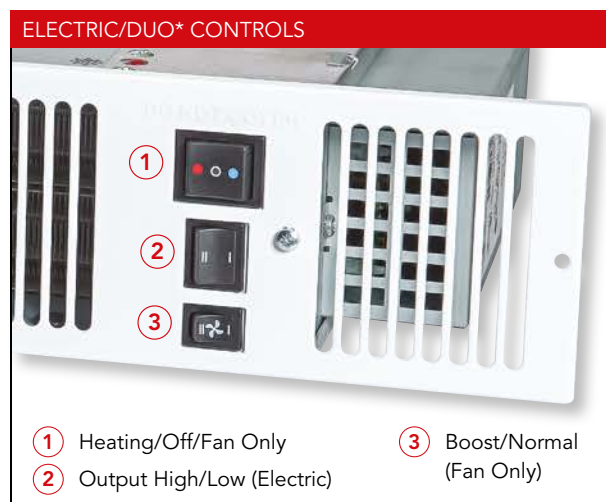
80S



80D

Kitchen sets kindly supplied by Second Nature Kitchens - www.sncollection.co.uk.

KICKSPACE® CONTROLS & ACCESSORIES



*DUO = Electric/Hot Water

KICKSPACE® Grilles

KICKSPACE® grilles are available in four finishes, white, black, chrome and brushed stainless steel. All KICKSPACE® models are supplied with white grilles however alternative finishes can be purchased separately.

External Thermostatic Controls suitable for Hydronic KICKSPACE® (500, 600, 600-12V, 800, 80S and 80D)

The following range of controls are compatible with our hydronic KICKSPACE® models:

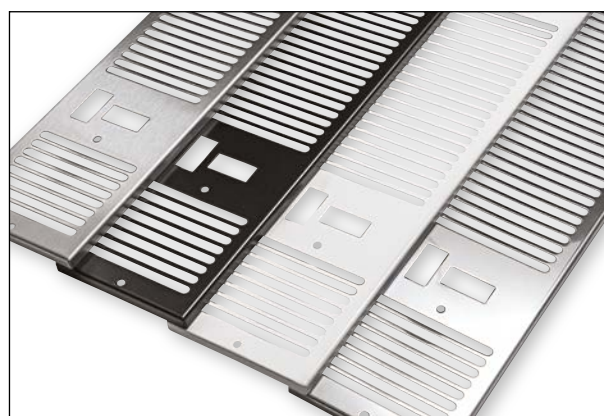
MRT1 - Room Thermostat is an analogue dial thermostat, for more information please refer to page 264.

MPRT - Programmable Room Thermostat is an easy to use digital programmable thermostat that incorporates our Smart Start technology, for more information please refer to page 267.

TOUCH - A touch screen programmable thermostat that incorporates our Smart Start Technology, for more information please refer to page 268.

TOUCH2 WiFi - Second generation touch screen thermostats with touch sensitive controls giving you the ability to control over WiFi from your smart phone**, for more information please refer to page 269.

**TOUCH2 WiFi Hub required for WiFi control - purchased separately.



MRT1



MPRT



TOUCH



TOUCH2 WiFi

For wiring information please visit www.myson.co.uk, go to your chosen KICKSPACE® product page via the fan convector tab and click downloads.

KICKSPACE®

GENERAL SPECIFICATION & TECHNICAL INFORMATION

**CERTIFICATION**

Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018. Carries the CE mark and conforms to the Low Voltage Directive 2014/35/EU and the EMC Directive 2014/30/EU. Hydronic/Duo outputs are tested to BS 4856 Part 1. Sound levels are tested to EN 23741. Electric and Duo models are also tested to RED 2014/53/EU. BEAB Approved.

**GUARANTEE**

2 year guarantee from date of purchase against manufacturing defects.

**COLOUR**

Supplied grilles finished in white (RAL 9016). Black (RAL 9011), chrome and brushed stainless steel can be purchased separately.

**ACCESSORIES**

Optional coloured grilles are available for the full KICKSPACE® range, please see page 155.

A range of controls are also available for KICKSPACE® 500, 600, 600-12V, 800, 80S & 80D, note they are currently not compatible with KICKSPACE® Electric or Duo models, for more information please refer to page 152.

**SYSTEM**

Closed circulation, 2 pipe pump assisted central heating systems.

**CONNECTIONS**

Hydronic/Duo: 15mm copper pipes.
Compression: Compression fitting flexible hoses supplied.

**AIR VENTS**

Integrated (Hydronic/Duo only).

**OPERATING PRESSURES**

Hydronic/Duo - tested to a pressure of 20 bar, working pressure of up to 10 bar.

**OPERATING TEMPERATURE**

Hydronic/Duo - maximum 90°C.

**ELECTRICAL SUPPLY**

220-240V-50Hz.
KICKSPACE® 500, 600, 600-12V, 800, 80S & 80D require a supply fused at 3A.
KICKSPACE® 500 DUO ECO requires a supply fused at 5A.
KICKSPACE® 500E ECO requires a supply fused at 10A.
KICKSPACE® 600E ECO requires a supply fused at 13A.

**DELIVERY**

2 - 5 working days.

**ECO DESIGN DIRECTIVE**

Electric and Duo models conform to the standards (EU) 2015/1188.

For more general information, please see page 276.

HYDRONIC MODELS

		Fan Speed	Model						
			500	600	800	600-12V	500 DUO ECO	80S	80D
Dimensions	Nominal Height (mm)	-	101	101	101	101	101	80	80
	Depth (mm)	-	309	309	309	309	330	301	301
	Length (mm)	-	496	550	603	550	496	560	760

Sound Levels*	Sound Pressure (dBA) (at 2.5m)	Normal	25.7	26.4	28.5	29.4	25.7	24.5	21.8
		Boost	38.1	37.2	49.8	39.0	38.1	31.4	35.6

Weight, Water Content & Motor Power	Unit Weight (kg)	-	4.3	5.0	5.5	7.9†	4.3	3.83	5.13
	Water Content (l)	-	0.26	0.30	0.34	0.30	0.26	0.17	0.25
	Motor Power (W - max.)	-	25	40	40	40	25	13	17

Air Flow Rates	Air Flow (m³/h)	Normal	70	106	139	106	70	68	87
		Boost	90	138	210	138	90	71	90
	Air Flow (ft³/h)	Normal	2471	3742	4908	3742	2471	2313	3192
		Boost	3177	4872	7415	4872	3117	2511	3069

		ltr/h	Model						
			500	600	800	600-12V	500 DUO ECO	80S	80D
Approximate Hydraulic Resistance	mm wg	455	788	1046	911	1046	788	592	613
		340	488	625	544	625	488	372	439
		227	231	326	258	326	231	207	295
		113	82	95	82	95	82	95	176
	kPa	455	7.7	10.3	8.9	10.3	7.7	5.8	6.0
		340	4.8	6.1	5.3	6.1	4.8	3.6	4.3
		227	2.3	3.2	2.5	3.2	2.3	2.0	2.9
		113	0.8	0.9	0.8	0.9	0.8	0.9	1.7

*Sound levels tested in accordance with EN 23741.

†Includes transformer.

KICKSPACE®

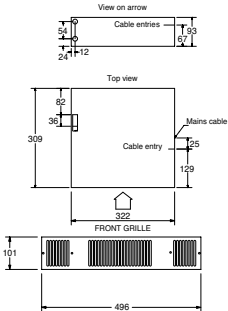
TECHNICAL INFORMATION (cont...)

ELECTRIC MODELS				
Dimensions	Nominal Height (mm)	Fan Speed	Model	
			500E ECO	600E ECO
			101	101
			203	203
Sound Levels*	Sound Pressure (dBA) (at 2.5m)	Normal	25.7	26.4
Weight	Unit Weight (kg)	-	3.1	3.6
Air Flow Rates	Air Flow (m³/h)	Normal	70	106
Air Flow Rates	Air Flow (ft³/h)	Normal	2471	3742

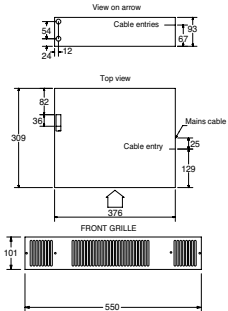
*Sound levels tested in accordance with EN 23741.

DIMENSIONS

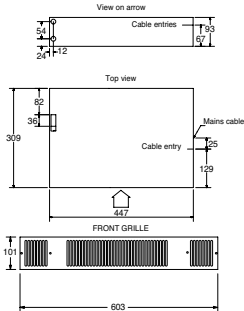
KICKSPACE® 500



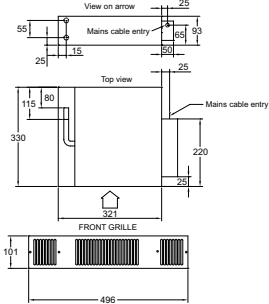
KICKSPACE® 600/600-12V



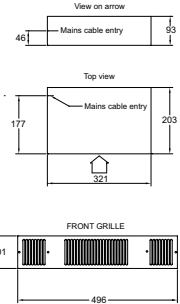
KICKSPACE® 800



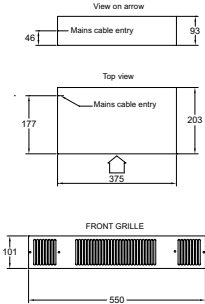
KICKSPACE® 500 DUO ECO



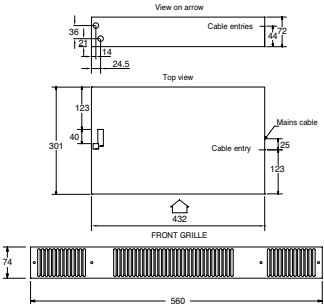
KICKSPACE® 500E ECO



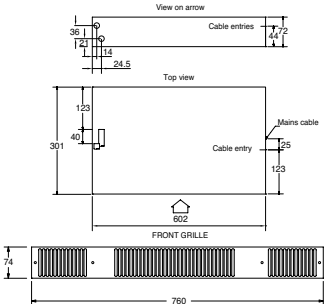
KICKSPACE® 600E ECO



KICKSPACE® 80S



KICKSPACE® 80D



N.B: Add 4.5mm to the chassis height of the above models to allow for rubber mountings and screws.

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HEAT OUTPUTS

HYDRONIC MODELS

Model	Fan Speed	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Grille Supplied	Order Code
		Watts	Btu/h	Watts	Btu/h		
KICKSPACE® 500	Normal	896	3057	566	1930	White	3KICK500
	Boost	1166	3980	683	2331		
KICKSPACE® 600	Normal	1278	4361	729	2486	White	3KICK600
	Boost	1625	5545	939	3203		
KICKSPACE® 800	Normal	1707	5824	1077	3675	White	3KICK800
	Boost	2192	7478	1289	4397		
KICKSPACE® 80S	Normal	755	2576	455	1552	White	3KICK80S
	Boost	876	2989	509	1737		
KICKSPACE® 80D	Normal	1023	3490	624	2129	White	3KICK80D
	Boost	1169	3989	707	2412		

LOW VOLTAGE HYDRONIC MODEL

KICKSPACE® 600-12V	Normal	1278	4361	729	2486	White	3KICK60012V
	Boost	1625	5545	939	3203		

HYDRONIC-ELECTRIC MODEL

KICKSPACE® 500 DUO ECO*	Normal	896	3057	566	1930	White	3KICK500DUOECO
	Boost	1166	3980	683	2331		

Heat outputs tested in accordance with BS 4856 Part 1.

*The unit will operate on either fan speed to provide 1kW of heating in electric mode.

Flow Rate: 340 ltr/h (75 gal/h)

Flow Rate Correction Factors:

455 ltr/h (100 gal/h) multiply output by 1.03

227 ltr/h (50 gal/h) multiply output by 0.96

113 ltr/h (25 gal/h) multiply output by 0.85

ELECTRIC MODELS

Model	Fan Speed	Heat Outputs		Grille Supplied	Order Code
		Watts	Btu/h		
KICKSPACE® 500E ECO	Normal	1000	3412	White	3KICK500EECO
	Boost	2000	6824		
KICKSPACE® 600E ECO	Normal	1500	5118	White	3KICK600EECO
	Boost	3000	10236		

KICKSPACE® GRILLES

Colour	Order Code - KICKSPACE® Model						
	500	600 / 600-12V	800	500E ECO / 500 DUO ECO	600E ECO	80S	80D
White	WG500	WG600	3WG800	EWG500	EWG600	WG80S	WG80D
Black	BLG500	BLG600	3BLG800	EBLG500	EBLG600	BLG80S	BLG80D
Chrome	CG500	CG600	3CG800	ECG500	ECG600	CG80S	CG80D
Brushed Stainless Steel	BSG500	BSG600	3BSG800	EBSG500	EBSG600	BSG80S	BSG80D

KICKSPACE® CONTROLS & ACCESSORIES

Product	Order Code
MRT1 Room Thermostat	MRT1
MRT1 Room Thermostat (Braille Version)	MRT1BRAILLE
MPRT Programmable Room Thermostat	MPRT
MPRT Programmable Room Thermostat, Chrome Fascia	MPRTCR
TOUCH Screen Programmable Room Thermostat	TOUCH
TOUCH2 WiFi Touch Pad Programmable Room Thermostat for 'Smart Phone' Control & Control Hub	T2AHWIFI
TOUCH2 WiFi Touch Pad Programmable Room Thermostat for 'Smart Phone' Control	T2WIFI
KICKSPACE® Flexible Hoses (Pair)	FP



WALLMOUNT

The wallmount range provides rapid heat using a small amount of space. They are perfect for maximising the amount of available space in any room. They provide solutions for semi-commercial applications such as retail or restaurant dining spaces. They can also be a great solution for domestic properties in areas such as conservatories or narrow areas that have large heating demands.



HI-LINE Range

MYSON HI-LINE is a range of high level, wall mounted fan convectors that can utilise unused space above a door. They provide rapid heat from above and incorporate technology that is generations ahead of the competition. HI-LINE connects easily to a central heating system.

- Range includes the discreet HI-LINE RC, the powerful HI-LINE SUPER RC and a low voltage 12V model
- Perfect for domestic and commercial applications, such as restaurants and offices
- HI-LINE RC and HI-LINE SUPER RC are fitted with digital controls and supplied with a handheld remote
- HI-LINE LV model is ideally suited to bathroom applications where safety matters most



LO-LINE RC

SLIM-LINE RC



LO-LINE RC

MYSON LO-LINE RC is a low level, wall mounted fan convector that delivers high heat outputs, quickly. Ideal for areas such as conservatories, which feature limited wall space and require instant warmth during occasional use. Easily connects to an existing central heating system.

- Available in four sizes that increase in performance
- Fitted with digital controls and supplied with a handheld remote control

SLIM-LINE RC

Designed to fit within any narrow space, the SLIM-LINE RC is a vertical, wall mounted fan convector that utilises small spaces but without compromising on heat outputs.

- Compact design slots onto a pillar or within an alcove
- Fitted with digital controls and supplied with a handheld remote control

WALLMOUNT RANGE (HI-LINE, LO-LINE, SLIM-LINE)

GENERAL SPECIFICATION



CERTIFICATION

Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018. Carries the CE mark and conforms to the Low Voltage Directive 2014/35/EU and the EMC Directive 2014/30/EU. Outputs are tested to BS 4856 Part 1. Sound levels are tested to EN 23741.



GUARANTEE

2 year guarantee from date of purchase against manufacturing defects.



COLOUR

Finished in white (RAL 9016) powder coating.



ANTI-BACTERIAL PAINT

Coating to suppress bacterial growth.



SYSTEM

Closed circulation, 2 pipe pump assisted central heating systems.



CONNECTIONS

15mm copper pipe (HI-LINE RC, LO-LINE RC and SLIM-LINE RC), 22mm copper pipe (HI-LINE SUPER RC).



AIR VENTS

Integrated with LO-LINE RC and SLIM-LINE RC. Excluded from HI-LINE range.



OPERATING PRESSURES

Tested to a pressure of 20 bar. Working pressure of up to 10 bar.



OPERATING TEMPERATURE

Maximum 90°C.



ELECTRICAL SUPPLY

220-240V - 50Hz fused at 3A.



DELIVERY

2 - 5 working days.

For more general information, please see page 276.

CONTROLS

HI-LINE RC, HI-LINE SUPER RC, LO-LINE RC and SLIM-LINE RC units are supplied with an electronic infra-red remote control system with the following features:

- Automatic room temperature control
- Fan only option for ambient air circulation
- Three fan speeds
- Unit mounted controls and display
- Unit control panel electronic tamper proof lock
- Displayed temperature calibration system

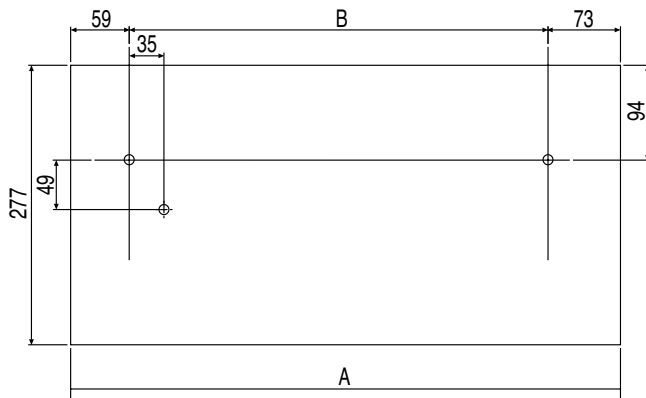
HI-LINE LV units are fitted with a switch offering high and low fan speeds and off selection. A low limit thermostat is fitted to the unit to ensure that the fan stops after the heating system is switched off.



REMOTE CONTROL SUPPLIED (Excluding LV Model)

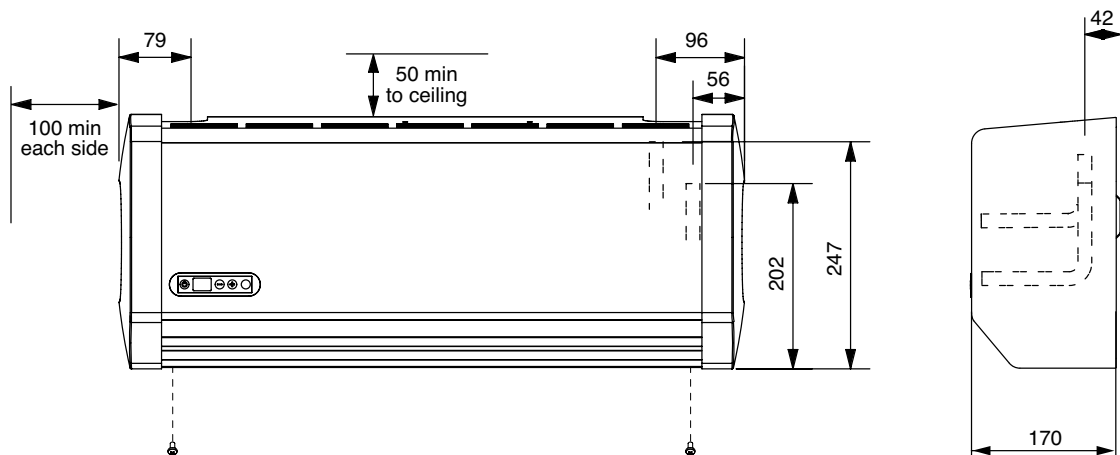


CONTROL PANEL (Excluding LV Model)

WALLMOUNT RANGE (HI-LINE, LO-LINE, SLIM-LINE)**TECHNICAL INFORMATION****HI-LINE RC, HI-LINE LV DIMENSIONS & FIXINGS**

Model	A	B
	(mm)	(mm)
7-4*	554	422
10-6	682	550
15-10	886	754
20-14	1171	1039

*HI-LINE LV only available as a 7-4 model



Case fixing screw positions and water connections

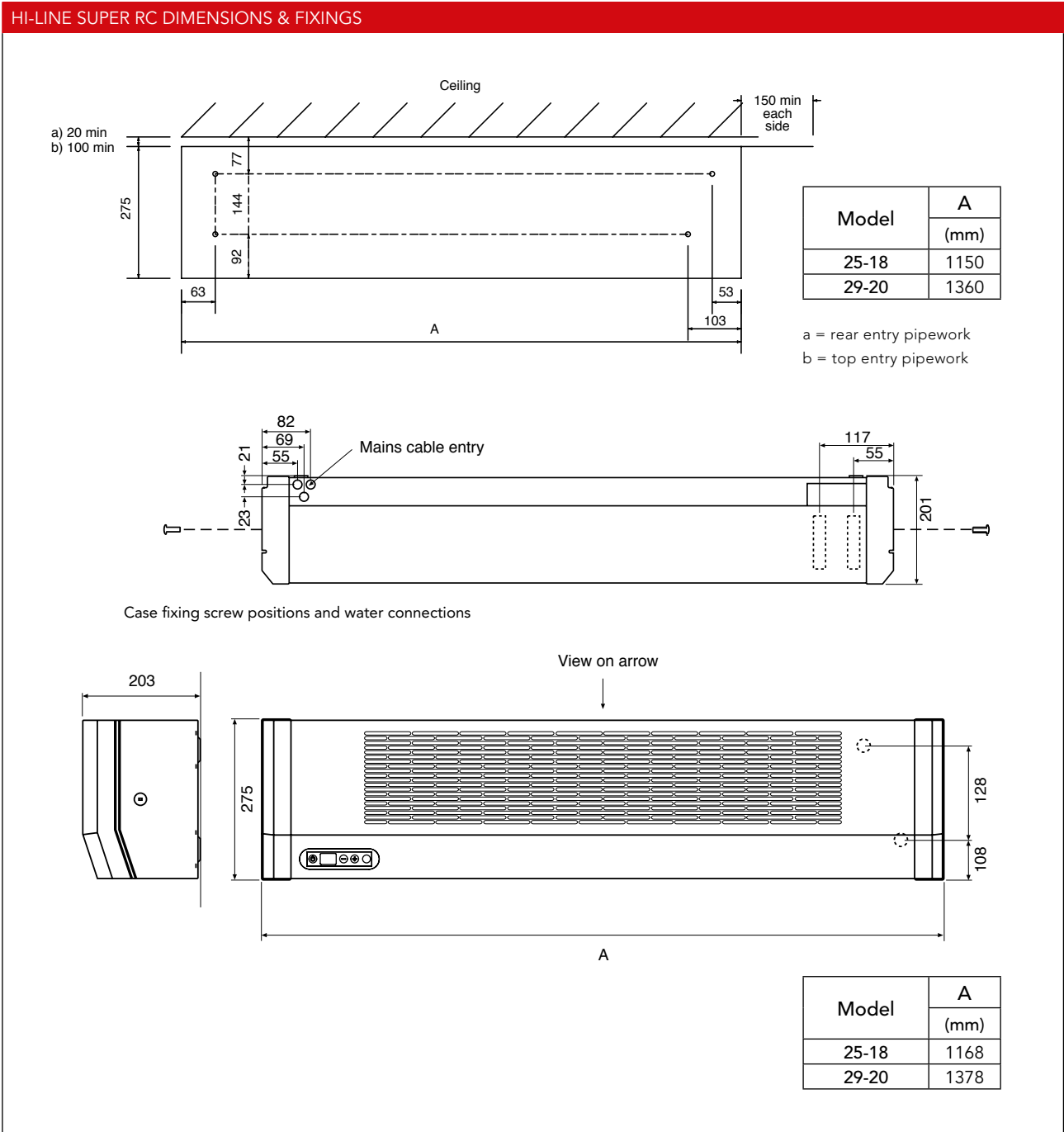
- Maximum installation height is 2.13m to the underside of the unit
- Minimum installation height is 1.8m to the underside of the unit
- Maximum ceiling height is 3m
- Minimum clearance each side is 100mm
- Minimum top clearance is 50mm
- Please note the transformer is mounted inside the unit (LV model only)

If installing the product above the recommended height consider adding additional margin to the heat loss, or install de-stratification fans.



WALLMOUNT RANGE (HI-LINE, LO-LINE, SLIM-LINE)

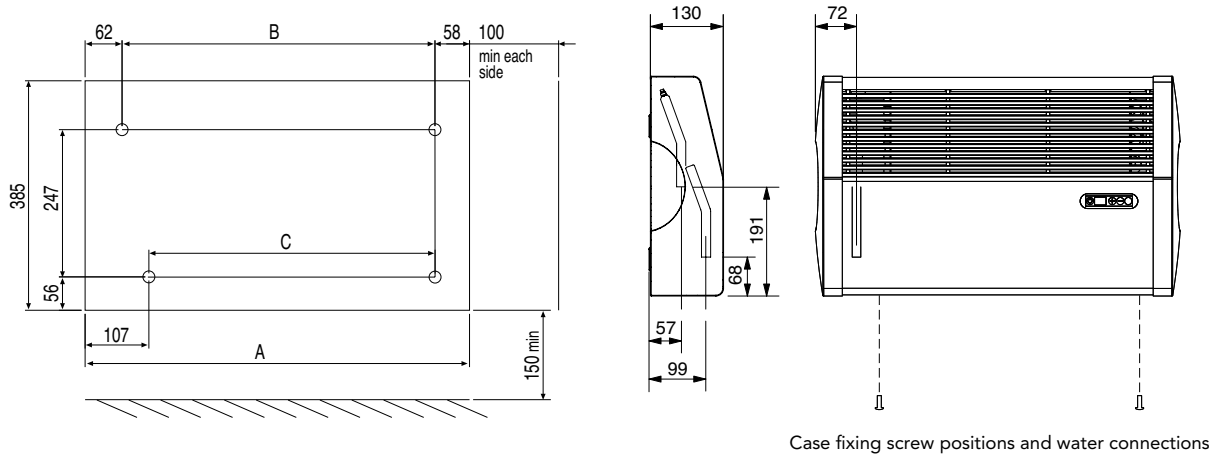
TECHNICAL INFORMATION (cont...)



- Maximum installation height is 3m to the underside of the unit
 - Minimum installation height is 1.8m to the underside of the unit
 - Maximum ceiling height is 3.5m
- Minimum side clearance is 150mm

If installing the product above the recommended height consider adding additional margin to the heat loss, or install de-stratification fans.

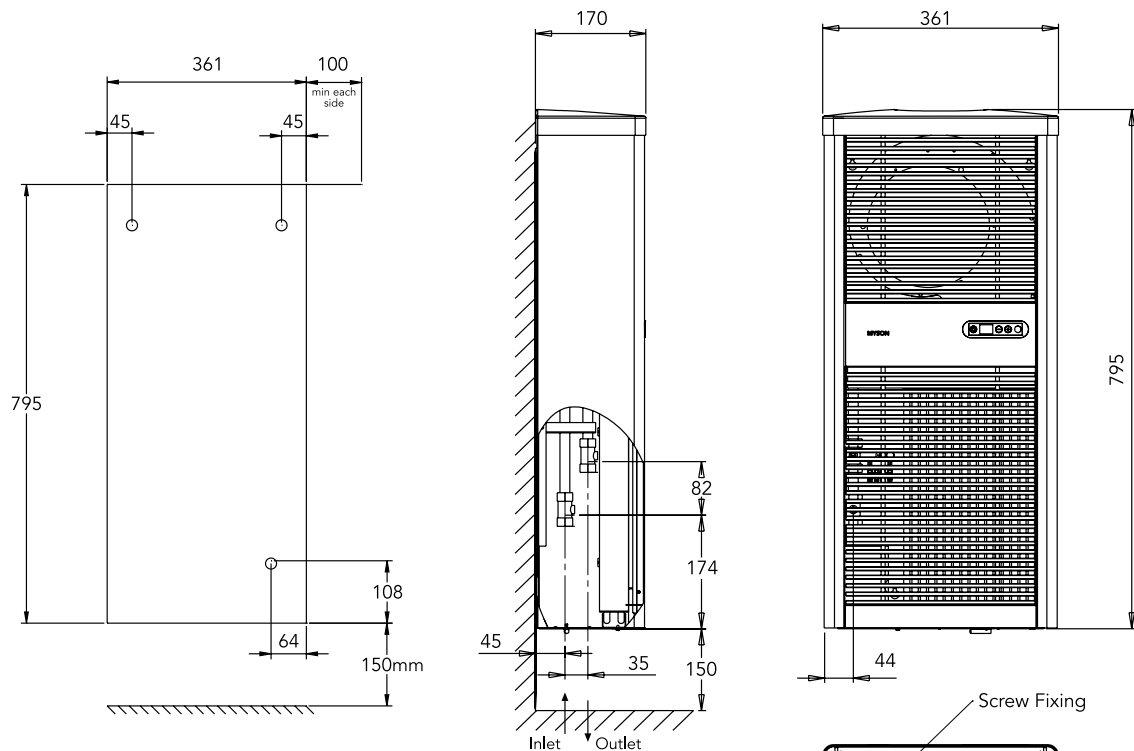
LO-LINE RC DIMENSIONS & FIXINGS



Model	A (mm)	B (mm)	C (mm)
6-4	523	404	359
9-6	645	526	481
14-10	854	733	681
19-15	1138	1018	974

- Minimum installation height is 150mm to the underside of the unit
- Minimum clearance each side is 100mm

SLIM-LINE RC DIMENSIONS & FIXINGS



- Minimum installation height is 150mm to the underside of the unit
- Minimum clearance each side is 100mm

WALLMOUNT RANGE (HI-LINE, LO-LINE, SLIM-LINE)

TECHNICAL INFORMATION (cont...)

		Fan Speed	Model						
			HI-LINE RC				HI-LINE SUPER RC		HI-LINE LV
			7-4	10-6	15-10	20-14	25-18	29-20	7-4
Dimensions	Nominal Height (mm)	-	277	277	277	277	275	275	277
	Nominal Depth (mm)	-	170	170	170	170	203	203	170
	Nominal Length (mm)	-	554	682	887	1171	1150	1360	554
Sound Levels*	Sound Pressure (dBA) (at 2.5m)	Normal	23.4	23.5	28.8	33.3	28.3	33.7	16.6
		Medium	32.5	30.8	35.4	38.7	37.8	36.8	-
		Boost	43.3	37.2	45.6	45.4	45.6	47.9	32.5
Weight, Water Content & Motor Power	Unpacked Weight (kg)	-	7.4	8.9	11.3	14.7	18.0	21.0	7.4
	Water Content (l)	-	0.30	0.32	0.56	0.77	0.63	0.85	0.3
	Motor Power (W - max.)	-	35	35	62	80	80	80	30
Air Flow Rates	Air Flow (m³/h)	Normal	81	143	207	285	350	390	81
		Medium	105	171	276	371	430	470	-
		Boost	133	220	333	431	500	540	133
	Air Flow (ft³/h)	Normal	2859	5048	7307	10061	12360	13772	2859
		Medium	3707	6036	9743	13096	15185	16597	-
		Boost	4695	7766	11755	15214	17657	19069	4695
		ltr/h	Model						
			HI-LINE RC				HI-LINE SUPER RC		HI-LINE LV
			7-4	10-6	15-10	20-14	25-18	29-20	7-4
Approximate Hydraulic Resistance	mm wg	455	1084	1240	1500	1774	2095	2551	1084
		341	798	657	905	1140	1282	1530	798
		227	350	327	450	565	620	850	350
		113	134	105	157	221	234	245	134
	kPa	455	9.4	12.12	14.7	17.42	20.5	24.6	9.4
		341	7.7	6.42	8.9	11.2	12.6	15.0	7.7
		227	3.5	3.25	4.37	5.5	6.1	8.3	3.5
		113	1.4	1.1	1.57	2.1	2.3	2.4	1.4

*Sound levels tested in accordance with EN 23741.

		Fan Speed	Model				
			LO-LINE RC				SLIM-LINE RC
			6-4	9-6	14-10	19-15	
Dimensions	Nominal Height (mm)	-	385	385	385	385	795
	Nominal Depth (mm)	-	130	130	130	130	170
	Nominal Length (mm)	-	523	645	854	1138	361
Sound Levels*	Sound Pressure (dBA) (at 2.5m)	Normal	23.7	21.6	23.1	27.2	21.9
		Medium	31.7	29.6	28.5	31.8	30.6
		Boost	40.7	38	40.1	38.6	39.7
Weight, Water Content & Motor Power	Unpacked Weight (kg)	-	7.7	9.1	12.7	15.7	14.5
	Water Content (l)	-	0.3	0.32	0.56	0.75	0.51
	Motor Power (W - max.)	-	35	35	62	80	125
Air Flow Rates	Air Flow (m³/h)	Normal	65	112	160	241	164
		Medium	86	129	200	288	216
		Boost	122	175	288	335	316
	Air Flow (ft³/h)	Normal	2295	3954	5648	8507	5789
		Medium	3036	4554	7060	10166	7625
		Boost	4307	6178	10166	11826	11155
		ltr/h	Model				
			LO-LINE RC				SLIM-LINE RC
			6-4	9-6	14-10	19-15	
Approximate Hydraulic Resistance	mm wg	455	910	998	1240	1670	1771
		340	514	520	719	954	1161
		227	235	121	324	469	561
		113	47	97	75	77	201
	kPa	455	8.98	9.85	12.20	16.40	17.4
		340	5.06	5.10	7.00	9.40	11.4
		227	2.35	1.18	3.20	4.60	5.5
		113	0.45	0.97	0.75	0.82	2.0

*Sound levels tested in accordance with EN 23741.

WALLMOUNT RANGE (HI-LINE, LO-LINE, SLIM-LINE)

HEAT OUTPUTS

HI-LINE RC

Model	Fan Speed	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Order Code
		Watts	Btu/h	Watts	Btu/h	
HI-LINE RC 7-4	Normal	930	3172	541	1845	HIRC7
	Medium	1292	4410	752	2565	
	Boost	1702	5808	991	3380	
HI-LINE RC 10-6	Normal	1610	5493	937	3197	HIRC10
	Medium	1959	6683	1140	3889	
	Boost	2521	8602	1467	5005	
HI-LINE RC 15-10	Normal	2459	8390	1431	4881	HIRC15
	Medium	2783	9496	1620	5526	
	Boost	3690	12590	2147	7327	
HI-LINE RC 20-14	Normal	3468	11831	2018	6884	HIRC20
	Medium	4380	14944	2548	8695	
	Boost	4959	16921	2889	9858	

HI-LINE SUPER RC

HI-LINE SUPER RC 25-18	Normal	4270	14569	2563	8746	2HI25
	Medium	5238	17873	3030	10339	
	Boost	6200	21154	3454	11785	
HI-LINE SUPER RC 29-20	Normal	4962	16930	2870	9791	2HI29
	Medium	6011	20508	3462	11811	
	Boost	7045	24037	4040	13785	

HI-LINE LV

HI-LINE LV 7-4	Normal	930	3173	541	1846	HILV
	Boost	1702	5807	991	3381	

LO-LINE RC

LO-LINE RC 6-4	Normal	916	3126	564	1923	LORC6
	Medium	1043	3558	641	2187	
	Boost	1437	4904	883	3014	
LO-LINE RC 9-6	Normal	1358	4633	834	2847	LORC9
	Medium	1777	6064	1093	3728	
	Boost	2240	7643	1377	4699	
LO-LINE RC 14-10	Normal	2377	8111	1461	4986	LORC14
	Medium	2928	9989	1800	6140	
	Boost	3467	11829	2131	7272	
LO-LINE RC 19-15	Normal	3613	12327	2221	7578	LORC19
	Medium	4144	14140	2548	8692	
	Boost	4640	15831	2852	9731	

SLIM-LINE RC

SLIM-LINE RC	Normal	2290	7813	1340	4572	SLIMRC
	Medium	2870	9792	1710	5835	
	Boost	3720	12693	2220	7575	

Heat outputs tested in accordance with BS 4856 Part 1.

Flow Rate (all products): 340 ltr/h (75 gal/h)

Flow Rate Correction Factors:

(HI-LINE RC, HI-LINE LV, LO-LINE RC & SLIM-LINE RC)

455 ltr/h (100 gal/h) multiply output by 1.06

227 ltr/h (50 gal/h) multiply output by 0.96

113 ltr/h (25 gal/h) multiply output by 0.85

Flow Rate Correction Factors:

(HI-LINE SUPER RC)

455 ltr/h (100 gal/h) multiply output by 1.03

227 ltr/h (50 gal/h) multiply output by 0.98

113 ltr/h (25 gal/h) multiply output by 0.85



iVECTOR TYPE BC

New and improved, the latest generation of iVECTOR is even more quiet, even more efficient and even more intelligent than ever before. With a new extended range, there are even more options available when selecting your iVECTOR.

iVECTOR MKII maintains all the benefits of the previous model with the same great looks and high performance but now comes with an improved motor, an improved fan and improved software, making it the most intelligent fan convector we have ever made. This underlies MYSON's commitment to continuously innovate and improve our products.

The iVECTOR is a popular choice within the commercial sector, having been installed in a variety of locations, such as schools, universities, care homes and retail facilities.



iVECTOR
TYPE BC



iVECTOR TYPE BC

SELECT COMPACT

**BOTH OF THESE PRODUCTS
GIVE THE SAME OUTPUT**



High outputs

The iVECTOR has a large surface area heat exchanger. This feature, combined with forced convection from its in-built fan, produces high heat outputs.



Rapid heat

The iVECTOR has a lower water content resulting in faster heat up times.



Silent

The iVECTOR now comes with an aluminium fan which reduces sound levels making it operate virtually silently.



More efficient

The upgraded motor makes the new iVECTOR up to 89% more efficient than the previous version. This high efficiency results in lower power consumption, saving money and energy.



Cooling

When connected to a chilled water supply it can rapidly cool spaces as well.

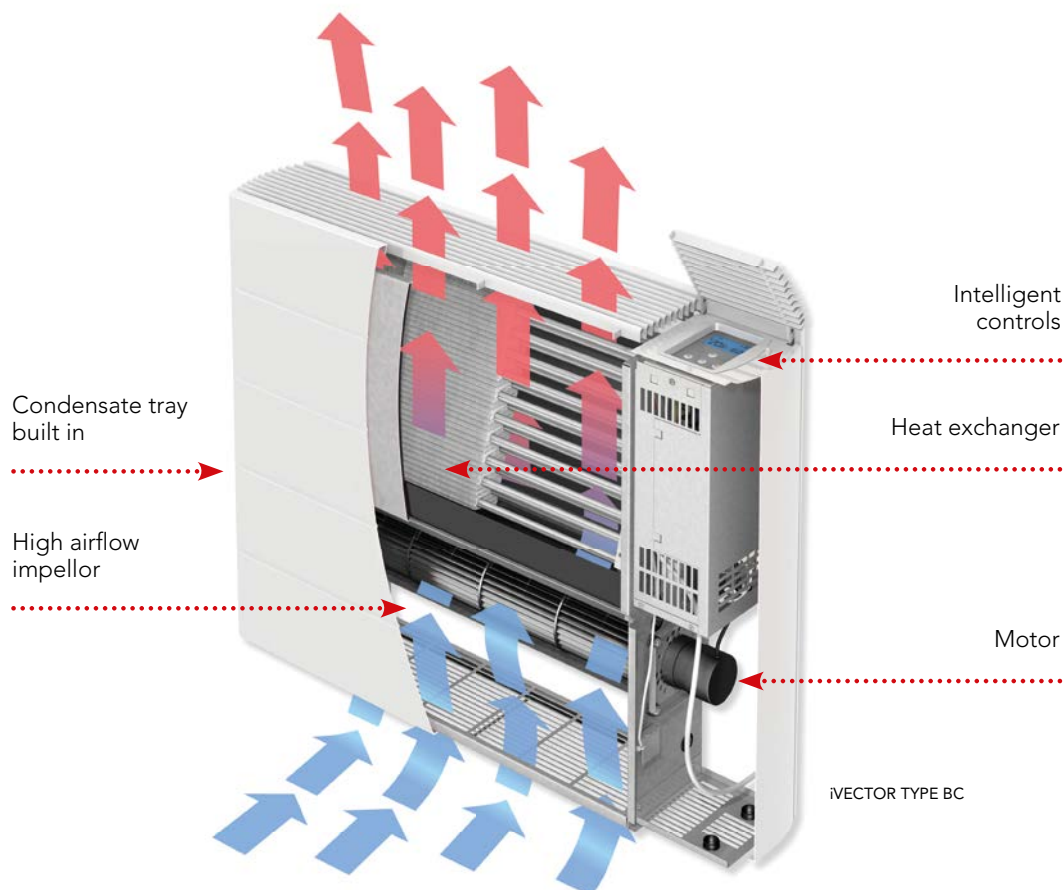


More choice

As well as the standard Type BC there are now even more models available with a no controls version (Type BN) as well as a floor version (Type FC/FN), by special order.

iVECTOR MKII

HOW IT WORKS



CONTROLS

Intelligent and easy to use controls

- Intelligent, flexible controls that can be set to easy or full mode
- Easy mode allows basic function such as comfort mode and manual fan speed selection
- Full mode allows more advanced functions
- 24/7 programmer with 1 hour time intervals
- Night set-back function
- Holiday function
- Lockable LCD backlit display
- 20 fan speeds in comfort mode for seamless fan switching
- Option to adjust water set points (default, heating = 32°C, cooling = 15°C)



iVECTOR TYPE BC

iVECTOR MKII COMPLETE RANGE

TYPE BC

Model with
standard controls.



integrated
controls



stocked



TYPE BN

A "no controls"
version of the
BC model.



no controls



made to
order



TYPE FC

A front grille
model that comes
with controls.



integrated
controls



made to
order



front
grille



reduced floor
clearance



TYPE FN

A "no controls"
version of the
FC model.



no controls



made to
order



front
grille



reduced floor
clearance



iVECTOR MKII

GENERAL SPECIFICATION & TECHNICAL INFORMATION



CERTIFICATION

Produced under a quality management system - ISO 9001:2015, environmental management system - ISO 14001:2015 and Occupational health and safety management system - ISO 45001:2018. Carries the CE mark and conforms to the Low Voltage Directive 2014/35/EU and the EMC Directive 2014/30/EU. Outputs are tested to BS 4856 Part 1. Sound levels are tested to EN 23741.



GUARANTEE

2 year guarantee from date of purchase against manufacturing defects.



COLOUR

Finished in white (RAL 9016) powder coating.



ANTI-BACTERIAL PAINT

Coating to suppress bacterial growth.



SYSTEM

Closed circulation, 2 pipe pump assisted central heating systems.



CONNECTIONS

2 x 3/4" internal thread connections on 2 pipe versions.
4 x 3/4" internal thread connections on special 4 pipe versions.



AIR VENTS

Integrated.



OPERATING PRESSURES

Tested to a pressure of 20 bar.
Working pressure of up to 10 bar.



OPERATING TEMPERATURE

Maximum 85°C.



ELECTRICAL SUPPLY

220-240V - 50Hz fused at 3A.



DELIVERY

Stocked items (Type BC - 2 pipe): 2 - 5 working days.
Non-stocked items (Type BC - 4 pipe and Types BN, FC, FN - 2 & 4 pipe): 2 - 4 weeks.

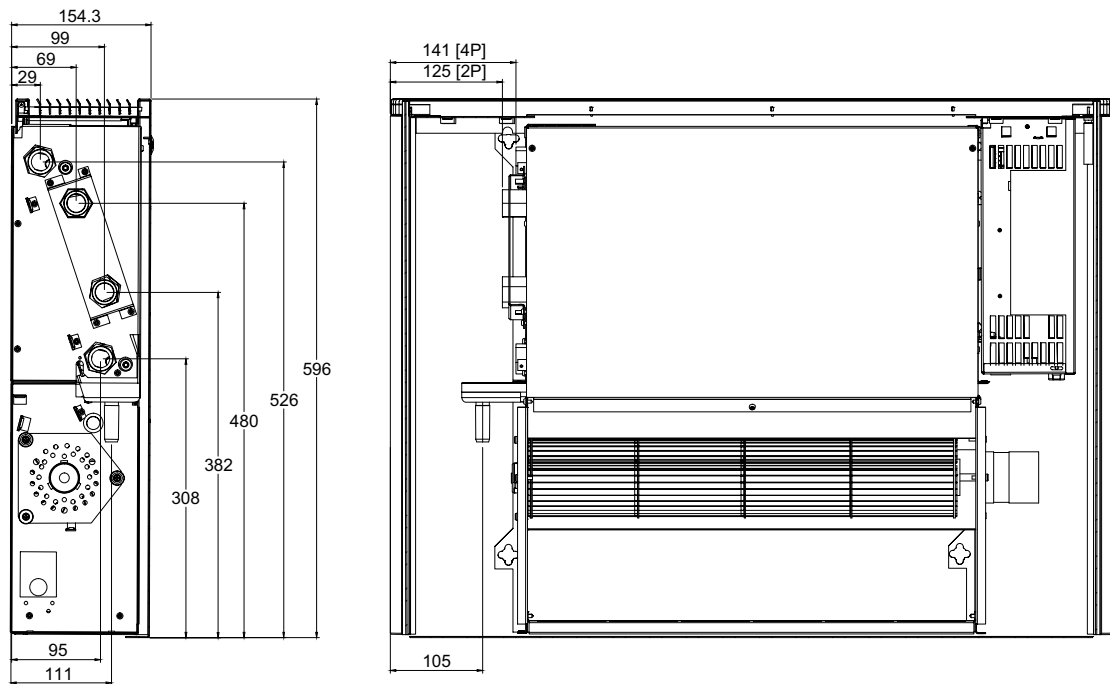
For more general information, please see page 276.

		Fan Speed	Model				
			iV60v080	iV60v100	iV60v120	iV60v140	iV60v160
Dimensions	Nominal Height (mm)	-	600	600	600	600	600
	Nominal Depth (mm)	-	153	153	153	153	153
	Nominal Length (mm)	-	800	1000	1200	1400	1600
Sound Levels*	Sound Pressure (dBA) (at 2.5m)	Min	20.9	22.5	20.9	21.1	21.9
		Max	39.9	42.0	41.2	44.9	43.3
Motor Power (W)		Min	3.5	3.6	3.8	4.5	4.6
		Max	13	18.5	23	30	35
Weight & Water Content†	2 Pipe Water Content (l)	-	0.66	0.92	1.19	1.45	1.72
	4 Pipe Water Content (l)	-	0.33	0.46	0.6	0.73	0.86
	2 Pipe Unpacked Weight (kg)	-	22.8	27.7	32.5	37.5	42.6
	4 Pipe Unpacked Weight (kg)	-	24.8	30.1	35.3	40.7	46.2
Air Flow Rates	Heating Air Flow (m³/h)	Min	90	135	180	225	270
		Max	247	370	493	616	740
	Cooling Air Flow (m³/h)	Min	65	98	130	163	195
		Max	202	302	403	504	605
		Flow (l/h)	Model				
			iV60v080	iV60v100	iV60v120	iV60v140	iV60v160
Flow Rates/ Pressure Losses	Pressure Drop (kPa) (2 Pipe Heating/Cooling & 4 Pipe Cooling)	330	6.1	8.5	11.1	12.2	14.2
		500	13	17.8	22.9	24.9	28.7
		750	27.5	36.5	46.2	49.8	57.1
	Pressure Drop (kPa) (4 Pipe Heating)	330	12.2	17	22.2	24.4	28.4
		500	26	35.6	45.8	49.8	57.4

* Sound levels tested in accordance with ISO 3741. Sound performance figures shown are at fan speeds via controls unit and may differ with external controller.

† 2 pipe water content = 2 pipe heating/cooling or 4 pipe cooling and 4 pipe water content = 4 pipe heating.

MOUNTING POSITIONS & DIMENSIONS

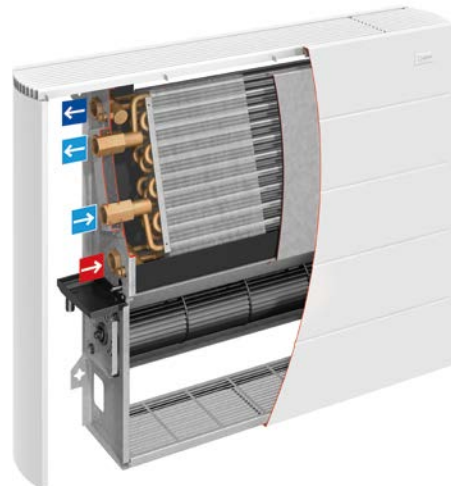


CONNECTIONS

2 Pipe



4 Pipe



iVECTOR MKII - TYPE BC/BN

HEAT OUTPUTS

iVECTOR MKII TYPE BC - 2 PIPE

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code
							Condition 7-12-27				
							Total		Sensible		
			Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	
iV60x080	Min	341	1997	6814	1146	3910	707	2412	527	1798	iV80 2P BC
	Max		3682	12563	2113	7210	1648	5623	1227	4187	
iV60x100	Min	450	2739	9345	1572	5364	1011	3450	753	2569	iV100 2P BC
	Max		5124	17483	2941	10035	2304	7861	1716	5855	
iV60x120	Min	600	3288	11219	1887	6438	1250	5186	931	3177	iV120 2P BC
	Max		6521	22250	3743	12771	2918	9956	2173	7414	
iV60x140	Min	700	3867	13194	2219	7571	1490	5084	1110	3787	iV140 2P BC
	Max		7894	26934	4531	15460	3533	12055	2631	8977	
iV60x160	Min	800	4460	15218	2560	8735	1729	5899	1288	4395	iV160 2P BC
	Max		9266	31616	5318	18145	4147	14150	3088	10536	

iVECTOR MKII TYPE BC - 4 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code	
							Condition 7-12-27					
			Flow (l/h)	Total		Sensible						
Watts	Btu/h	Watts		Btu/h	Watts	Btu/h	Watts	Btu/h				
iV60x080 4 Pipe	Min	300	1398	4770	802	2736	350	672	2292	501	1708	iV80 4P BC*
	Max		2577	8793	1479	5046		1566	5342	1166	3977	
iV60x100 4 Pipe	Min	350	1917	6541	1100	3753	450	960	3277	715	2441	iV100 4P BC*
	Max		3587	12239	2059	7025		2189	7468	1630	5562	
iV60x120 4 Pipe	Min	400	2302	7854	1321	4507	600	1444	4927	884	3018	iV120 4P BC*
	Max		4565	15576	2620	8939		2772	9458	2064	7044	
iV60x140 4 Pipe	Min	450	2707	9236	1553	5299	700	1416	4830	1055	3598	iV140 4P BC*
	Max		5526	18855	3172	10823		3356	11452	2499	8528	
iV60x160 4 Pipe	Min	500	3122	10652	1792	6114	800	1643	5604	1224	4175	iV160 4P BC*
	Max		6486	22130	3723	12703		3940	13442	2934	10009	

iVECTOR MKII TYPE BN - 2 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code
							Condition 7-12-27				
			Total		Sensible		Watts	Btu/h	Watts	Btu/h	
			Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	
iV60x080	Min	341	1997	6814	1146	3910	707	2412	527	1798	iV80 2P BN*
	Max		3682	12563	2113	7210	1648	5623	1227	4187	
iV60x100	Min	450	2739	9345	1572	5364	1011	3450	753	2569	iV100 2P BN*
	Max		5124	17483	2941	10035	2304	7861	1716	5855	
iV60x120	Min	600	3288	11219	1887	6438	1250	5186	931	3177	iV120 2P BN*
	Max		6521	22250	3743	12771	2918	9956	2173	7414	
iV60x140	Min	700	3867	13194	2219	7571	1490	5084	1110	3787	iV140 2P BN*
	Max		7894	26934	4531	15460	3533	12055	2631	8977	
iV60x160	Min	800	4460	15218	2560	8735	1729	5899	1288	4395	iV160 2P BN*
	Max		9266	31616	5318	18145	4147	14150	3088	10536	

iVECTOR MKII TYPE BN - 4 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code	
							Condition 7-12-27					
			Flow (l/h)	Total		Sensible						
			Watts	Btu/h	Watts	Btu/h	Flow (l/h)	Watts	Btu/h	Watts	Btu/h	
iV60x080 4 Pipe	Min	300	1398	4770	802	2736	350	672	2292	501	1708	iV80 4P BN*
	Max		2577	8793	1479	5046		1566	5342	1166	3977	
iV60x100 4 Pipe	Min	350	1917	6541	1100	3753	450	960	3277	715	2441	iV100 4P BN*
	Max		3587	12239	2059	7025		2189	7468	1630	5562	
iV60x120 4 Pipe	Min	400	2302	7854	1321	4507	600	1444	4927	884	3018	iV120 4P BN*
	Max		4565	15576	2620	8939		2772	9458	2064	7044	
iV60x140 4 Pipe	Min	450	2707	9236	1553	5299	700	1416	4830	1055	3598	iV140 4P BN*
	Max		5526	18855	3172	10823		3356	11452	2499	8528	
iV60x160 4 Pipe	Min	500	3122	10652	1792	6114	800	1643	5604	1224	4175	iV160 4P BN*
	Max		6486	22130	3723	12703		3940	13442	2934	10009	

Relative Humidity: Sensible cooling at 50%.
Outputs tested in accordance with BS 4856 Part 1 for heating and Part 2 for cooling.
*iVECTOR Type BC 4 pipe and Type BN 2 & 4 pipe are available as a special order.

iVECTOR MKII - TYPE FC/FN

HEAT OUTPUTS

iVECTOR MKII TYPE FC - 2 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code
							Condition 7-12-27				
							Total		Sensible		
			Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	
iV60x080	Min	341	1997	6814	1146	3910	707	2412	527	1798	iV80 2P FC*
	Max		3682	12563	2113	7210	1648	5623	1227	4187	
iV60x100	Min	450	2739	9345	1572	5364	1011	3450	753	2569	iV100 2P FC*
	Max		5124	17483	2941	10035	2304	7861	1716	5855	
iV60x120	Min	600	3288	11219	1887	6438	1250	5186	931	3177	iV120 2P FC*
	Max		6521	22250	3743	12771	2918	9956	2173	7414	
iV60x140	Min	700	3867	13194	2219	7571	1490	5084	1110	3787	iV140 2P FC*
	Max		7894	26934	4531	15460	3533	12055	2631	8977	
iV60x160	Min	800	4460	15218	2560	8735	1729	5899	1288	4395	iV160 2P FC*
	Max		9266	31616	5318	18145	4147	14150	3088	10536	

iVECTOR MKII TYPE FC - 4 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code	
							Condition 7-12-27					
			Flow (l/h)	Total		Sensible						
Watts	Btu/h	Watts		Btu/h	Watts	Btu/h	Watts	Btu/h				
iV60x080 4 Pipe	Min	300	1398	4770	802	2736	350	672	2292	501	1708	iV80 4P FC*
	Max		2577	8793	1479	5046		1566	5342	1166	3977	
iV60x100 4 Pipe	Min	350	1917	6541	1100	3753	450	960	3277	715	2441	iV100 4P FC*
	Max		3587	12239	2059	7025		2189	7468	1630	5562	
iV60x120 4 Pipe	Min	400	2302	7854	1321	4507	600	1444	4927	884	3018	iV120 4P FC*
	Max		4565	15576	2620	8939		2772	9458	2064	7044	
iV60x140 4 Pipe	Min	450	2707	9236	1553	5299	700	1416	4830	1055	3598	iV140 4P FC*
	Max		5526	18855	3172	10823		3356	11452	2499	8528	
iV60x160 4 Pipe	Min	500	3122	10652	1792	6114	800	1643	5604	1224	4175	iV160 4P FC*
	Max		6486	22130	3723	12703		3940	13442	2934	10009	

iVECTOR MKII TYPE FN - 2 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code
							Condition 7-12-27				
			Total		Sensible		Watts	Btu/h	Watts	Btu/h	
			Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	Watts	Btu/h	
iV60x080	Min	341	1997	6814	1146	3910	707	2412	527	1798	iV80 2P FN*
	Max		3682	12563	2113	7210	1648	5623	1227	4187	
iV60x100	Min	450	2739	9345	1572	5364	1011	3450	753	2569	iV100 2P FN*
	Max		5124	17483	2941	10035	2304	7861	1716	5855	
iV60x120	Min	600	3288	11219	1887	6438	1250	5186	931	3177	iV120 2P FN*
	Max		6521	22250	3743	12771	2918	9956	2173	7414	
iV60x140	Min	700	3867	13194	2219	7571	1490	5084	1110	3787	iV140 2P FN*
	Max		7894	26934	4531	15460	3533	12055	2631	8977	
iV60x160	Min	800	4460	15218	2560	8735	1729	5899	1288	4395	iV160 2P FN*
	Max		9266	31616	5318	18145	4147	14150	3088	10536	

iVECTOR MKII TYPE FN - 4 PIPE*

Model	Fan Speed	Flow (l/h)	Heat Outputs @ ΔT 50°C		Heat Outputs @ ΔT 30°C		Cooling Outputs				Order Code	
							Condition 7-12-27					
			Flow (l/h)	Total		Sensible						
Watts	Btu/h	Watts		Btu/h	Watts	Btu/h	Watts	Btu/h				
iV60x080 4 Pipe	Min	300	1398	4770	802	2736	350	672	2292	501	1708	iV80 4P FN*
	Max		2577	8793	1479	5046		1566	5342	1166	3977	
iV60x100 4 Pipe	Min	350	1917	6541	1100	3753	450	960	3277	715	2441	iV100 4P FN*
	Max		3587	12239	2059	7025		2189	7468	1630	5562	
iV60x120 4 Pipe	Min	400	2302	7854	1321	4507	600	1444	4927	884	3018	iV120 4P FN*
	Max		4565	15576	2620	8939		2772	9458	2064	7044	
iV60x140 4 Pipe	Min	450	2707	9236	1553	5299	700	1416	4830	1055	3598	iV140 4P FN*
	Max		5526	18855	3172	10823		3356	11452	2499	8528	
iV60x160 4 Pipe	Min	500	3122	10652	1792	6114	800	1643	5604	1224	4175	iV160 4P FN*
	Max		6486	22130	3723	12703		3940	13442	2934	10009	

Relative Humidity: Sensible cooling at 50%.
Outputs tested in accordance with BS 4856 Part 1 for heating and Part 2 for cooling.
*iVECTOR Type FC 2 & 4 pipe and Type FN 2 & 4 pipe are available as a special order.