PURMO
BY MYSON

Technical Guide
May 2023

iVector S2 SERIES

Hydronic fan convector unit with
intelligent cooling & heating capability

PURMO
BY MYSON

A smart way to
improve indoor climate

Today, both renovation and new building projects have strict standards that raise the bar for overall efficiencies. At the same time, there is a demand to reduce dependence on finite energy sources, cut emissions and lower overall costs. Modern heating systems are designed to work at significantly lower temperatures to help improve system efficiency, achieve meaningful energy savings and improve indoor climate comfort.

MEET THE NEWEST GENERATION OF FAN CONVECTORS
The iVector S2 is the whisper-quiet fan convector from Purmo. With an attractive, compact design the iVector S2 can provide high heating performance whilst operating at low temperatures and with low water content. This provides efficient energy use without sacrificing outputs.

When combined with a reversible heat pump or a separate cooling source, the iVector S2 can offer both heating and cooling functions, making it a perfect solution for both commercial and domestic use.

The iVector S2 offers many installation options such as in-wall, on-wall and ceiling mounting, this allows for great flexibility in interior design, with energy-efficient advantages. Combining the product with other low temperature systems, for example underfloor heating, provides an ideal combination for the optimum indoor climate comfort. The iVector S2 is also the perfect solution for rooms not in regular use such as guest rooms or hobby rooms thanks to rapid heat-up times.

iVector S2 –
A new generation fan convector

SILENCE… LISTEN
At last here is a fan convector that offers innovative solutions for heating, cooling and dehumidification systems. Thanks to its ingenious and highly-accurate controls the iVector S2 provides optimal comfort all year round. It is equipped with a highly-efficient DC motor with performance and fan speed controlled using pulse width modulation (PWM) which significantly reduces noise and vibrations.

All Purmo fan convectors have been designed to reduce noise levels as far as possible and to make installation as simple as can be.

RAPID HEAT-UP AND EASY INSTALLATION
Due to its low water content the new iVector S2 operates quickly and efficiently. Conventional fan convectors are sluggish and thus less efficient. Thanks to its simple design the iVector S2 is very simple to install.

CONTROLS WITH A HIGH IQ FOR SMART HOMES
Like no other fan convector the iVector S2 is ideally suited to modern building management systems and can be controlled centrally. Even individual users benefit from the simple-to-use controls. In this way it's also possible in summer to operate in cooling mode and to cool rooms without using an air conditioning system.

SLIMLINE DESIGN
Aesthetically pleasing, the iVector S2's slimline design allows for discreet positioning without compromising performance. Whether it be wall or ceiling mounted, or recessed the iVector S2 will blend into its environment seamlessly.

FACTS
The iVector S2 Series features:

- fast reaction time
- extremely high performance
- flexible control options
- heating and cooling function
- easy installation
- whisper-quiet operation

Not to be used in high humidity conditions

MOUNTING OPTIONS

Wall Mounted

Wall Mounted with Optional Feet

Wall Installation

Ceiling Mounted

Ceiling Installation*

* Ceiling installation showing optional ducted outlet

iVector S2
Product overview – control options

The standard model of the iVector S2 is equipped with an auto control which regulates the functions of the unit with little input required from the user. Fan speeds modulate according to demand and no manual setting is required.

Important: The unit has an on-board sensor to control the cooling function. However some room configurations mean the auto remote will offer more effective cooling performance. We therefore recommend that in installations where cooling is a main feature, the auto remote control is used rather than the standard model.
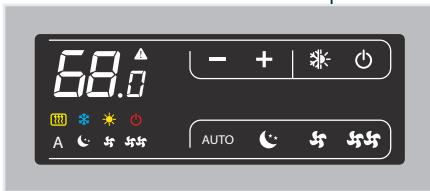
AUTO
Using the AUTO, NIGHT MODE, REDUCED MODE settings the Auto control option makes the regulation of the room temperature completely automatic (independent). The room temperature sensor sits in the lower part of the unit and guarantees frost-free function even if the unit is in standby mode.

The display is equipped with a memory function so no settings will be lost if the unit is switched off or there is a power cut.
With the + and – keys the room temperature can be set in 0.5 °C or °F increments.

Functions can be switched between heating and cooling using a simple press of a button.

This model allows standalone operation.
There is no master/slave function.

AUTO REMOTE
The Auto remote option offers the same functionality as the standard iVector S2 Auto version (Auto, night mode, reduced mode, maximum). The connection to the iVector S2 is made using a RS485 data cable

using terminals +, A, B, -.

With this control option up to 30 iVector S2s can be managed using a single remote control.

This option is designed for commercial applications such as conference rooms, reception areas, businesses and hotel rooms where several fan convectors can be managed using a single remote control.

PLEASE NOTE!

It is **not possible** to control other units with the on-board Smart Touch controller.

AUTO REMOTE SETUP EXAMPLE

Auto-remote control unit*

Modbus RS 485

1

...30

2

* a single remote controller can control up to 30 Auto Remote Vido S2 devices

0 – 10V BMS CONTROL

The iVector S2 can be factory or field fitted with a 0 – 10 V DC control board which allows the unit to be controlled centrally from a BMS system using a 0 – 10 V analogue input.

This model allows control using the building's own BMS system or the use of a suitable external thermostat. The fan speed is controlled using a 0 – 10 V external DC signal.
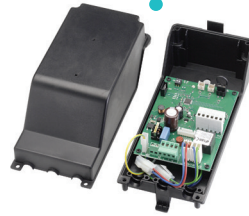

The programmable room thermostat 0 – 10 V allows control of the model 0-10 V BMS independently of the building management system (see accessories on page 14)

0-10 V DC INPUT
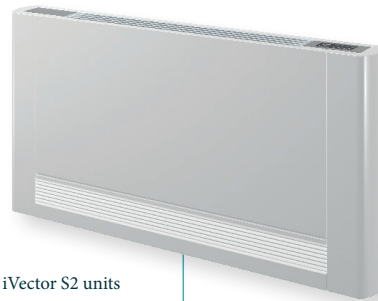
iVector S2 units

0-10 V DC internal control board

Building management system BMS

iVector S2 – A PERFECT SOLUTION FOR COMMERCIAL AND DOMESTIC USE

iVector S2
Technical details (Imperial Units – IP)

2-PIPE MODELS

Parameter	Metric	Units (IP)	VS 7 VSI 7	VS 9 VSI 9	VS 11 VSI 11	VS 13 VSI 13	VS 15 VSI 15
			Model				
Cooling/heating	Total cooling (45/54/81°F)	btuh med (min - max)*1	2,491 (1,467 - 3,106)	4,641 (2,559 - 7,234)	7,097 (3,924 - 9,588)	8,155 (4,505 - 11,260)	8,770 (4,811 - 12,659)
	Sensible cooling	btuh med (min - max)*1	1,740 (990 - 2,423)	3,549 (2,013 - 5,255)	5,152 (2,832 - 7,200)	6,278 (3,480 - 9,042)	6,756 (3,583 - 9,895)
	Flow rate	gpm med (min - max)*1	0.6 (na - 0.7)	1.0 (0.6 - 1.6)	1.6 (0.9 - 2.1)	1.8 (1.0 - 2.4)	1.9 (1.1 - 2.8)
	Pressure drop	ft of hd med (min - max)*1	1.5 (na - 4.0)	0.6 (0.6 - 2.7)	1.4 (0.9 - 5.7)	1.3 (0.8 - 6.0)	1.6 (4.6 - 7.1)
	Heating (176/167/68°F)	btuh med (min - max)*1	5,152 (2,764 - 7,541)	11,192 (6,312 - 16,071)	16,344 (9,145 - 22,588)	19,825 (11,226 - 28,730)	21,599 (11,397 - 32,552)
	Flow rate	gpm med (min - max)*1	0.6 (0.3 - 0.9)	1.3 (0.7 - 2.0)	1.9 (1.0 - 2.6)	2.2 (1.3 - 3.3)	2.5 (1.3 - 3,7)
	Pressure drop	ft of hd med (min - max)*1	0.4 (0.1 - .9)	0.5 (0.2 - 0.7)	1.3 (0.4 - 2.3)	1.5 (0.5 - 2.6)	1.2 (0.5 - 3.5)
Hydraulic	Heat exchanger water volume	US gal	0.12	0.21	0.30	0.39	0.48
	Max. operating pressure	psi	145	145	145	145	145
	Operating temperatures	°F min - max	39 - 185	39 - 185	39 - 185	39 - 185	39 - 185
	Pipe S/R connections*2	Inch	Euroconus 3/4"	Euroconus 3/4"	Euroconus 3/4"	Euroconus 3/4"	Euroconus 3/4"
	Condensate drain size	mm	14	14	14	14	14
Airflow	Airflow*3	cfm med (min - max)	53.6 (28.8 - 85.9)	123.6 (73.0 - 173.0)	187.2 (114.2 - 257.8)	241.3 (177.8 - 333.7)	281.9 (214.2 - 390.2)
Electrical	Power supply	V/ph/Hz	120/1/60	120/1/60	120/1/60	120/1/60	120/1/60
	Max. power	W	11	19	20	29	33
	Max. current	A	0.22	0.32	0.36	0.52	0.56
	Max. power @ min. speed	W	4	4	5	5	5
Acoustics	Sound power	dB(A) med (min - max)*1	44 (33 - 51)	45 (35 - 53)	46 (36 - 54)	47 (36 - 55)	48 (37 - 57)
	Sound pressure*4	dB(A) med (min - max)*1	33 (24 - 41)	34 (25 - 42)	34 (26 - 44)	35 (26 - 46)	38 (28 - 47)

4-PIPE MODELS

| Parameter	Metric	Units (IP)	VS 7 VSI 7	VS 9 VSI 9	VS 11 VSI 11	VS 13 VSI 13	VS 15 VSI 15
			Model				
Cooling/heating	Total cooling (45/54/81°F)	btuh med (min - max)*1	2,081 (1,058 - 2,457)	3,856 (2,116 - 5,050)	5,186 (2,696 - 7,029)	6,108 (3,344 - 8,530)	7,438 (4,129 - 10,236)
	Sensible cooling	btuh med (min - max)*1	1,535 (819 - 1,911)	2,866 (1,570 - 3,924)	3,787 (2,082 - 5,255)	4,811 (2,764 - 6,722)	5,732 (3,174 - 7,883)
	Flow rate	gpm med (min - max)*1	0.5 (0.2 - 0.5)	0.8 (0.5 - 1.1)	1.1 (0.6 - 1.6)	1.3 (0.7 - 1.9)	1.6 (0.9 - 2.3)
	Pressure drop	ft of hd med (min - max)*1	1.1 (0.6 - 1.2)	0.8 (0.5 - 1.0)	1.4 (0.7 - 2.0)	1.1 (0.6 - 1.6)	0.9 (0.5 - 1.2)
	Heating (176/167/68°F)	btuh med (min - max)*1	2,116 (1,297 - 2,423)	4,231 (2,764 - 4,913)	5,937 (4,368 - 6,961)	8,667 (6,605 - 9,895)	9,315 (6,381 - 11,192)
	Flow rate	gpm med (min - max)*1	0.2 (0.1 - 0.3)	0.5 (0.3 - 0.6)	0.7 (0.5 - 0.8)	1.0 (0.7 - 1.1)	1.1 (0.7 - 1.3)
	Pressure drop	ft of hd med (min - max)*1	0.5 (0.4 - 0.5)	0.4 (0.4 - 0.8)	1.0 (0.9 - 1.3)	0.7 (0.6 - 0.9)	0.6 (0.5 - 1.4)
Hydraulic	Heat exchanger water volume	US gal (cooling/ heating)	0.12/0.04	0.21/0.07	0.30/0.10	0.39/0.13	0.48/0.16
	Max. operating pressure	psi	145	145	145	145	145
	Operating temperatures	°F min - max	39 - 185	39 - 185	39 - 185	39 - 185	39 - 185
	Pipe S/R connections*2	Inch	Euroconus 3/4"	Euroconus 3/4"	Euroconus 3/4"	Euroconus 3/4"	Euroconus 3/4"
	Condensate drain size	mm	14	14	14	14	14
Airflow	Airflow*3	cfm med (min - max)	53.6 (27.1-77.7)	121.8 (73.0-153.0)	171.3 (114.2-217.8)	157.2 (145.4-280.2)	244.8 (154.2-319.0)
Electrical	Power supply	V/ph/Hz	120/1/60	120/1/60	120/1/60	120/1/60	120/1/60
	Max. power	W	11	19	20	29	33
	Max. current	A	0.22	0.32	0.36	0.52	0.56
	Max. power @ min. speed	W	4	4	4	4	5
Acoustics	Sound power	dB(A) med (min - max)*1	44 (33 - 51)	45 (35 - 53)	46 (36 - 54)	47 (36 - 55)	48 (37 - 57)
	Sound pressure*4	dB(A) med (min - max)*1	33 (24 - 41)	34 (25 - 42)	34 (26 - 44)	35 (26 - 46)	38 (28 - 47)

*1: In Auto mode, values will vary between min-max.
*2: Supply/return piping is on the left side of the unit. Right side connections available as special order
*3: Airflow measured with clean filters
*4: Sound pressure measured in semianechoic chamber in compliance with ISO 7779 (distance 3 m) - onsite conditions will result in different values

iVector S2 VS models FOR SURFACE MOUNTING
Product dimensions & weights

## CASING DIMENSIONS
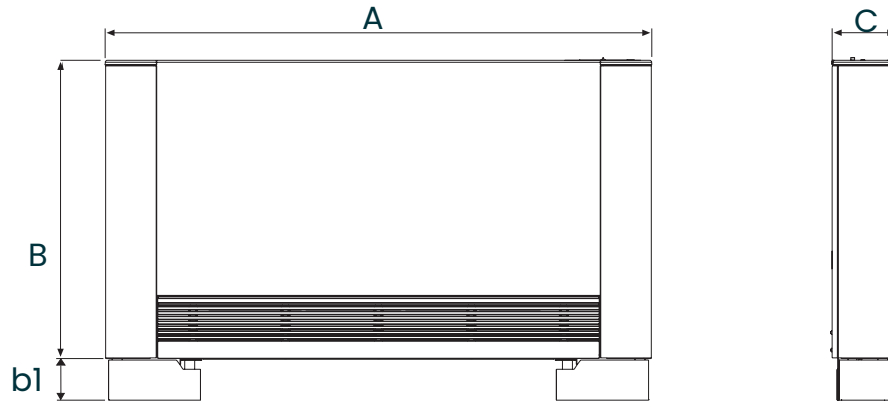
2-PIPE VERSIONS

		Model				
		VS 7-2P	VS 9-2P	VS 11-2P	VS 13-2P	VS 15-2P
Dimensions						
A	mm (inches)	735 (29)	935 (37)	1135 (45)	1335 (53)	1535 (61)
B	mm (inches)	579 (23)	579 (23)	579 (23)	579 (23)	579 (23)
b1	mm (inches)	82 (3)	82 (3)	82 (3)	82 (3)	82 (3)
C	mm (inches)	131 (5)	131 (5)	131 (5)	131 (5)	131 (5)
Weight						
Net	kg (lbs)	17 (34.4)	20 (44.0)	23 (50.6)	26 (57.2)	29 (63.8)

4-PIPE VERSIONS

		Model				
		VS 7-4P	VS 9-4P	VS 11-4P	VS 13-4P	VS 15-4P
Dimensions						
A	mm (inches)	735 (29)	935 (37)	1135 (45)	1335 (53)	1535 (61)
B	mm (inches)	639 (25)	639 (25)	639 (25)	639 (25)	639 (25)
b1	mm (inches)	82 (3)	82 (3)	82 (3)	82 (3)	82 (3)
C	mm (inches)	131 (5)	131 (5)	131 (5)	131 (5)	131 (5)
Weight						
Net	kg (lbs)	18 (39.6)	21 (46.2)	25 (55.0)	28 (61.6)	32 (70.4)

iVector S2 VSI models FOR BUILT-IN MOUNTING, COMES WITH REMOTE WALL MOUNT AUTO CONTROLLER
Product dimensions & weights

CASING DIMENSIONS
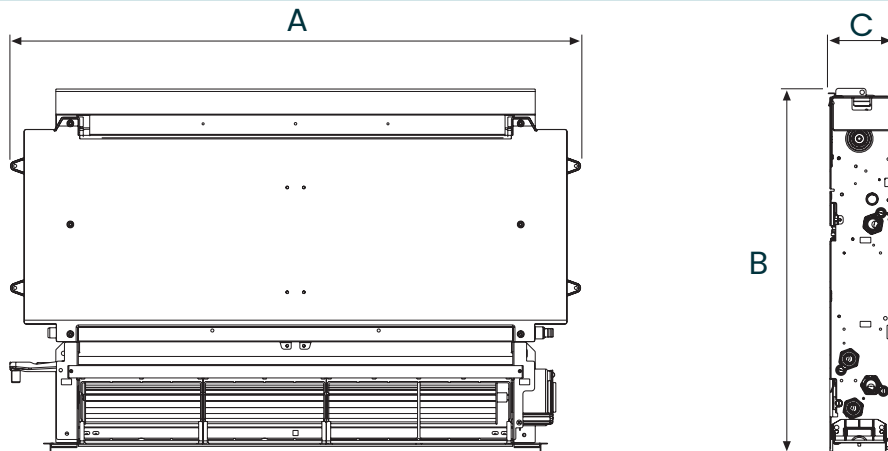
2-PIPE VERSIONS

		Model				
		VSI 7-2P	VSI 9-2P	VSI 11-2P	VSI 13-2P	VSI 15-2P
Dimensions						
A	mm (inches)	525 (21)	725 (29)	925 (37)	1125 (45)	1335 (53)
B	mm (inches)	576 (23)	576 (23)	576 (23)	576 (23)	576 (23)
C	mm (inches)	126 (5)	126 (5)	126 (5)	126 (5)	126 (5)
Weight						
Net	kg (lbs)	9 (19.8)	12 (26.4)	15 (33)	18 (39.6)	21 (46.2)

4-PIPE VERSIONS

		Model				
		VSI 7-4P	VSI 9-4P	VSI 11-4P	VSI 13-4P	VSI 15-4P
Dimensions						
A	mm (inches)	525 (21)	725 (29)	925 (37)	1125 (45)	1335 (53)
B	mm (inches)	579 (23)	579 (23)	579 (23)	579 (23)	579 (23)
C	mm (inches)	126 (5)	126 (5)	126 (5)	126 (5)	126 (5)
Weight						
Net	kg (lbs)	10 (22.0)	13 (28.6)	17 (37.4)	20 (44)	24 (52.8)

iVector S2 VS models
Outputs

2-PIPE VERSIONS – FOR SURFACE MOUNTING , COMES WITH ON-BOARD AUTO CONTROLLER								
Unit/Model	Overall height	Overall depth	Overall length	Fan speed	Heat output (btuh)	Cooling output (btuh)		Product code
					176/167/68°F	45/54/81°F		
	Dimensions – Nominal Inches					Total	Sensible	
VS 7-2P	23	5-¼	30	Max.	7,541	3,106	2,423	VS 7K
				Med.	5,512	2,491	1,740	
				Min.	2,764	1,467	990	
VS 9-2P	23	5-¼	37	Max.	16,071	7,234	5,255	VS 9K
				Med.	11,192	4,641	3,549	
				Min.	6,312	2,559	2,013	
VS 11-2P	23	5-¼	45	Max.	22,588	9,588	7,200	VS 11K
				Med.	16,344	7,097	5,152	
				Min.	9,145	3,924	2,832	
VS 13-2P	23	5-¼	53	Max.	28,730	11,260	9,042	VS 13K
				Med.	19,825	8,155	6,278	
				Min.	11,226	4,505	3,480	
VS 15-2P	23	5-¼	61	Max.	32,552	12,659	9,895	VS 15K
				Med.	21,599	8,770	6,756	
				Min.	11,397	4,811	3,583	

The standard VS 2-pipe surface mount models are supplied from the factory with an on-board "Auto" controller mounted on the fan convector. Also included is a factory- fitted manual 2-way valve set with ¾" Eurocone connections (connections on left side is standard). The casings are finished in white (RAL 9003) and it is possible to powder coat other colors. Accessories and control variations are available. Control variations can be factory installed or via field swap out. Accessories include an "Auto Remote" version with separate wall mounted controller (black or white co-loured), useful for ceiling surface mount applications. Also, a 0-10 V control board for use with BMS systems or compatible thermostats. In addition a 24V valve actuator for the factory-fitted valve set is available.

4-PIPE VERSIONS – FOR SURFACE MOUNTING , COMES WITH ON-BOARD AUTO CONTROLLER								
Unit/Model	Overall height	Overall depth	Overall length	Fan speed	Heat output (btuh)	Cooling output (btuh)		Product code
					176/167/68°F	45/54/81°F		
	Dimensions – Nominal Inches					Total	Sensible	
VS 7-4P	23	5-¼	30	Max.	2,423	2,457	1,911	VS 7K 4P
				Med.	2,116	2,081	1,535	
				Min.	1,297	1,058	785	
VS 9-4P	23	5-¼	37	Max.	4,913	5,050	3,924	VS 9K 4P
				Med.	4,231	3,856	2,866	
				Min.	2,764	2,116	1,570	
VS 11-4P	23	5-¼	45	Max.	6,961	7,029	5,255	VS 11K 4P
				Med.	5,937	5,186	3,787	
				Min.	4,368	2,696	2,081	
VS 13-4P	23	5-¼	53	Max.	9,895	8,530	6,722	VS 13K 4P
				Med.	8,667	6,108	4,811	
				Min.	6,005	3,344	2,764	
VS 15-4P	23	5-¼	61	Max.	11,192	10,236	7,882	VS 15K 4P
				Med.	9,315	7,438	5,732	
				Min.	6,381	4,129	3,173	

All SV 4-pipe models are special order items. These models are supplied from the factory with an on-board "Auto" controller mounted on the fan convector. Also included is a factory- fitted manual 2-way valve set with ¾" Eurocone connections (connections on left side is standard). The casings are finished in white (RAL 9003) and it is possible to powder coat other colours. Accessories and control variations are available. Control variations can be factory installed or via field swap out. Accessories include an "Auto Remote" version with separate wall mounted controller (black or white coloured), useful for ceiling surface mount applications. Also, a 0-10 V control board for use with BMS systems or compatible thermostats. In addition a 24V valve actuator for the factory-fitted valve set is available.

iVector S2 VSI models
Outputs

2-PIPE VERSIONS – FOR BUILT-IN MOUNTING, COMES WITH REMOTE WALL MOUNT AUTO CONTROLLER

Unit/Model	Overall height	Overall depth	Overall length	Fan speed	Heat output (btuh) 176/167/68ºF	Cooling output (btuh) 45/54/81ºF Total	Cooling output (btuh) 45/54/81ºF Sensible	Product code
	Dimensions – Nominal Inches							
VSI 7-2P	23	5-¼	30	Max.	7,541	3,106	2,423	VSI 7FV VSI 7DC VSI 7DG VSI 7AG
				Med.	5,512	2,491	1,740	
	Front Cover 30x30			Min.	2,764	1,467	990	
VSI 9-2P	23	5-¼	37	Max.	16,071	7,234	5,255	VSI 9FV VSI 9DC VSI9DG VSI9AG
				Med.	11,192	4,641	3,549	
	Front Cover 30x38			Min.	6,312	2,559	2,013	
VSI 11-2P	23	5-¼	45	Max.	22,588	9,588	7,200	VSI 11FV VSI 11DC VSI 11DG VSI 11AG
				Med.	16,344	7,097	5,152	
	Front Cover 30x46			Min.	9,145	3,924	2,832	
VSI 13-2P	23	5-¼	53	Max.	28,730	11,260	9,042	VSI 13FV VSI 13DC VSI 13DG VSI 13AG
				Med.	19,825	8,155	6,278	
	Front Cover 30x53			Min.	11,226	4,505	3,480	
VSI 15-2P	23	5-¼	61	Max.	32,552	12,659	9,895	VSI 15FV VSI 15DC VSI 15DG VSI 15AG
				Med.	21,599	8,770	6,756	
	Front Cover 30x62			Min.	11,397	4,811	3,583	

All VSI 2-pipe models are sold as a kit, although components can be purchased separately. Each kit includes the basic fan convector unit, a factory-fitted control board, Smart Touch wall mounted user interface/controller along with a set of factory mounted manual control valves. All FV kits include a free-vented front panel and metal casing. DC kits include a ducted ceiling cover, metal casing, variable length duct and straight outlet grille. DG kits include a variable length duct, straight outlet grille, inlet adapter and straight inlet grille. AG kits include a 90o outlet adapter, curved outlet grille, inlet adapter and curved inlet grille. Valve insulation kits and 24V valve heads are available as an option for all kits.
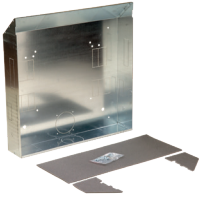
4-PIPE VERSIONS – FOR BUILT-IN MOUNTING, COMES WITH REMOTE WALL MOUNT AUTO CONTROLLER

Unit/Model	Overall height	Overall depth	Overall length	Fan speed	Heat output (btuh) 176/167/68ºF	Cooling output (btuh) 45/54/81ºF Total	Cooling output (btuh) 45/54/81ºF Sensible	Product code
	Dimensions – Nominal Inches							
VSI 7-4P	23	5-¼	30	Max.	2,423	2,457	1,911	VSI 7K 4P
				Med.	2,116	2,081	1,535	
	Front Cover 30x30			Min.	1,297	1,058	785	
VSI 9-4P	23	5-¼	37	Max.	4,913	5,050	3,924	VSI 9K 4P
				Med.	4,231	3,856	2,866	
	Front Cover 30x38			Min.	2,764	2,116	1,570	
VSI 11-4P	23	5-¼	45	Max.	6,961	7,029	5,255	VSI 11K 4P
				Med.	5,937	5,186	3,787	
	Front Cover 30x46			Min.	4,368	2,696	2,081	
VSI 13-4P	23	5-¼	53	Max.	9,895	8,530	6,722	VSI 13K 4P
				Med.	8,667	6,108	4,811	
	Front Cover 30x53			Min.	6,005	3,344	2,764	
VSI 15-4P	23	5-¼	61	Max.	11,192	10,236	7,882	VSI 15K 4P
				Med.	9,315	7,438	5,732	
	Front Cover 30x62			Min.	6,381	4,129	3,173	

All VSI 4-pipe models are special order items. These models are supplied as a kit. The kit includes the basic VSI unit along with a factory-fitted control board and an "Auto Remote" wall mounted controller (black or white coloured available). The kit also includes a fitted metal mounting cabinet (installed on-site) as well as free vented metal cover panel in white (RAL 9003) with both inlet and outlet vents built into the cover. The free vented cover panel can be installed both vertically or horizontally to match the installation. To support a ceiling mounted installation with ducted inlet or outlet (for example with a soffit outlet vent), a variety of ducts and grilles are available. A cover panel without an outlet vent for these applications is also available. Also, a 0-10 V control board for use with BMS systems or compatible thermostats. In addition a 24V valve actuator for the factory-fitted valve set is available.

iVector S2 Series
Accessories

ACCESSORIES			
Visual	Description	Model/type	Product code
	Wall Controller, Not connected Wall-mounted remote control.	Black White	S2_AWMCB S2_AWMCW
	Wall fixing pipe covers/feet Cover up supply and return pipes as they enter the unit. Designed to attach to the wall.		S2_APCF
	Floor fixing pipe covers/feet Cover up supply and return pipes as they enter the unit. Designed to attach to the floor.		S2_AFAF
	Condensate collector tray Required for horizontally-mounted units in cooling applications. For 2P and 4P versions.	VS 7 VS 9 VS 11 VS 13 VS 15	S2_ACDP_VS7 S2_ACDP_VS9 S2_ACDP_VS11 S2_ACDP_VS13 S2_ACDP_VS15
	Rear metal cover panel white for 2P versions Cover panel for use when unit is installed in front of windows.	VS 7-2P VS 9-2P VS 11-2P VS 13-2P VS 15-2P	S2_PRCP_VS7 S2_PRCP_VS9 S2_PRCP_VS11 S2_PRCP_VS13 S2_PRCP_VS15
	Rear metal cover panel white for 4P versions Cover panel for use when unit is installed in front of windows.	VS 7-4P VS 9-4P VS 11-4P VS 13-4P VS 15-4P	S2_PRCP_VS7_4P S2_PRCP_VS9_4P S2_PRCP_VS11_4P S2_PRCP_VS13_4P S2_PRCP_VS15_4P
	Air intake adapter Used with built-in versions when the unit will sit within a false ceiling cavity. Adapter facilitates inlet grille attachment.	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_AIGA_VSI7 S2_AIGA_VSI9 S2_AIGA_VSI11 S2_AIGA_VSI13 S2_AIGA_VSI15
	Variable length air flow duct Used with built-in version where outlet needs to be away from unit. Min length 302 mm, max length 590 mm (12 – 23 inches nominal).	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_ATPD_VSI7 S2_ATPD_VSI9 S2_ATPD_VSI11 S2_ATPD_VSI13 S2_ATPD_VSI15
	90º air duct Used with built-in versions where unit will sit in false ceiling cavity and outlet grille will be exposed. Adapter facilitates inlet grille attachment.	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_A90OA_VSI7 S2_A90OA_VSI9 S2_A90OA_VSI11 S2_A90OA_VSI13 S2_A90OA_VSI15
	Air outlet grille straight Used with built-in versions. Grille vanes are straight.	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_AOGS_VSI7 S2_AOGS_VSI7 S2_AOGS_VSI7 S2_AOGS_VSI7 S2_AOGS_VSI7
	Air inlet grille straight Used with built-in versions. Grille vanes are straight.	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_AIGS_VSI7 S2_AIGS_VSI7 S2_AIGS_VSI7 S2_AIGS_VSI7 S2_AIGS_VSI7

iVector S2 Series
Accessories

Visual	Description	Model/type	Product code
ACCESSORIES			
	Air outlet grille curved Used with built-in versions. Grille vanes are curved to direct airflow away from room occupants.	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_AOGC_VSI7 S2_AOGC_VSI9 S2_AOGC_VSI11 S2_AOGC_VSI13 S2_AOGC_VSI15
	Air inlet grille curved Used with built-in versions. Grille vanes are curved to direct airflow away from room occupants.	VSI 7 VSI 9 VSI 11 VSI 13 VSI 15	S2_AIGC_VSI7 S2_AIGC_VSI9 S2_AIGC_VSI11 S2_AIGC_VSI13 S2_AIGC_VSI15
	Metal casing for built-in for 2P versions Option for built-in units. Fan convector mounts directly into metal casing for added protection or if required by local building code.	VSI 7-2P VSI 9-2P VSI 11-2P VSI 13-2P VSI 15-2P	S2_AMC_VSI7 S2_AMC_VSI9 S2_AMC_VSI11 S2_AMC_VSI13 S2_AMC_VSI15
	Metal casing for built-in for 4P versions Option for built-in units. Fan convector mounts directly into metal casing for added protection.	VSI 7-4P VSI 9-4P VSI 11-4P VSI 13-4P VSI 15-4P	S2_AMC_VSI7_4P S2_AMC_VSI9_4P S2_AMC_VSI11_4P S2_AMC_VSI13_4P S2_AMC_VSI15_4P
	Free vented vertical or horizontal casing cover (white) for 2P versions Casing cover with built-in air intake and outlet grille. For use with non-ducted installations using the standard metal casing.	VSI 7-2P VSI 9-2P VSI 11-2P VSI 13-2P VSI 15-2P	S2_AFVC_VSI7 S2_AFVC_VSI7 S2_AFVC_VSI7 S2_AFVC_VSI7 S2_AFVC_VSI7
	Free vented vertical or horizontal casing cover (white) for 4P versions Casing cover with built-in air intake and outlet grille. For use with non-ducted installations using the standard metal casing.	VSI 7-4P VSI 9-4P VSI 11-4P VSI 13-4P VSI 15-4P	S2_AFVC_VSI7_4P S2_AFVC_VSI7_4P S2_AFVC_VSI7_4P S2_AFVC_VSI7_4P S2_AFVC_VSI7_4P
	Ceiling casing cover for 2P versions Ceiling casing cover with air intake grille and ducted outlet. For use with standard metal casing.	VSI 7-2P VSI 9-2P VSI 11-2P VSI 13-2P VSI 15-2P	S2_ADCC_VSI7 S2_ADCC_VSI9 S2_ADCC_VSI11 S2_ADCC_VSI13 S2_ADCC_VSI15
	Ceiling casing cover for 4P versions Ceiling casing cover with air intake grille and ducted outlet. For use with standard metal casing.	VSI 7-4P VSI 9-4P VSI 11-4P VSI 13-4P VSI 15-4P	S2_ADCC_VSI7_4P S2_ADCC_VSI9_4P S2_ADCC_VSI11_4P S2_ADCC_VSI13_4P S2_ADCC_VSI15_4P
	Valve Spacer 81 mm spacer for use with return valve when pipe connection is from the floor.		S2_AEKEP

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Manufacturer: Purmo Group Ltd **|** Bulevardi 46**|** P.O. Box 115 **|** FI-00121 Helsinki **|** Finland

Purmo Group and QHT Inc both reserve the right to make changes witout notice due to continuing engineering and technological advances

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