

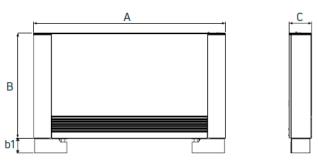
General Information

Provide MYSON iVector S2 VS or VS*i* series fan convectors in models and sizes as scheduled. All units must conform to standards UL 1995 and CSA C22.2 No. 236-15. All exposed casings shall be finished in RAL 9003 electrostatically applied powder coated finish. Other RAL colors may be specified at additional cost.

Each iVector S2 series is equipped with a DC motor with on board proportional integral derivative controller. The associated user-interface is a fully automatic/programmable *Smart Touch* control that is mounted to the unit (VS models) or wall mounted (VSi models). VS on board control (PCB) is capable of controlling a single VS unit, where the wall mounted control is cable of controlling up to 30 units. Connection between wall mounted control and iVector S2 units shall be RS485 data cable (by others).

Dimensional Details

iVector \$2 VS models



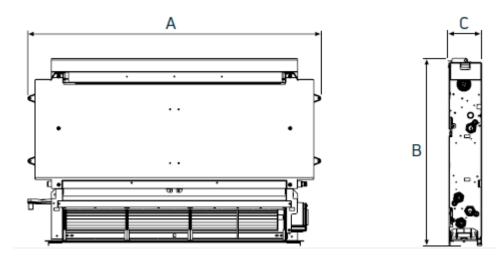
2-PIPE VERSIONS									
		Model							
		VS 7-2P	VS 9-2P	VS 11-2P	VS 13-2P	VS 15-2P			
Dimensions		(nominal inches)							
Α	mm	735 (29)	935 (37)	1135 (45)	1335 (53)	1535 (61)			
В	mm	579 (23)	579 (23)	579 (23)	579 (23)	579 (23)			
b1	mm	82 (3)	82 (3)	82 (3)	82 (3)	82 (3)			
С	mm	131 (5)	131 (5)	131 (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-PIPEVERSIONS										
			Model							
		VS 7-4P	VS 9-4P	VS 11-4P	VS 13-4P	VS 15-4P				
Dimensions		(nominal inches)								
Α	mm	735 (29)	935 (37)	1135 (45)	1335 (53)	1535 (61)				
В	mm	639 (25)	639 (25)	639 (25)	639 (25)	639 (25)				
Ы	mm	82 (3)	82 (3)	82 (3)	82 (3)	82 (3)				
С	mm	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)				



Dimensional Details

iVector VSi models



2-PIPE VERSIONS									
		Model							
		VS 7-2P	VS 9-2P	VS 11-2P	VS 13-2P	VS 15-2P			
Dimensions		(nominal inches)							
Α	mm	525 (21)	725 (29)	925 (37)	1125 (45)	1335 (53)			
В	mm	576 (23)	576 (23)	576 (23)	576 (23)	576 (23)			
С	mm	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							
		VS 7-4P	VS 9-4P	VS 11-4P	VS 13-4P	VS 15-4P			
Dimensions		(nominal inches)							
Α	mm	525 (21)	725 (29)	925 (37)	1125 (45)	1335 (53)			
В	mm	579 (23)	579 (23)	579 (23)	579 (23)	579 (23)			
С	mm	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)			



Performance Details

iVector S2 Models (Metric Units - IP)

			Model							
			VS 7	VS 9	VS 11	VS13	VS 15			
Parameter	Metric	Units (IP)	VSI7	VSI9	VSI11	VSI13	VSI15			
Cooling/hearing	Total cooling (45/54/81°F)	(min - max)*1	2,491 (na - 3,106)	4,641 (2,560 - 7,234)	7,098 (3,924 - 9,589)	8,156 (4,505-11,261)	8,770 (4,812 - 12,660)			
	Sensible cooling	bruh med (min - max)*1	1,877 (ha - 2,491)	3,651 (2,014 - 5,869)	5,153 (2,833 - 7,200)	6,279 (3,481 - 9,247)	6757 (3.651 - 9.896)			
	Flow rate	gpm med (min - max)*1	0.6 (na - 0.7)	1.0 (0.6 - 1.6)	16 (0.9 - 21)	1.B (1.D - 2.4)	19 (11 - 2.8)			
	Pressure drop	ft of hd med (min - max)**	3.4	1.4 (D.6 - 27)	3.3 (0.9 - 57)	29 (D8-60)	3.7 (4.6 - 7.1)			
	Heading (176/167/68°F)	bruh med	(na - 4.0) 6,859	12,352	17,982	21,804	23,442			
	-	(min - max)*1 gpm med	(4,607 - 8,326) 0.8	(6,927 - 17,710) 1.4	(10,066 - 24,841) 2.0	(12,352 - 31,631)	(12,455 - 36,647) 2.7			
	Flow race	(min - max)*1 ft of hd med	(0.5 - 0.9)	(D8 - 2.0) 1.4	(1.1 - 2.8)	(1.4 - 3.6) 4.0	(1.4 - 4.2) 5.6			
	Pressure drop	(min- max)*1	(04 - 2.6)	(07 - 2.0)	(12-64)	(1.3 - 7.2)	(1.8 - 12.2)			
Hydraulic	Heat exchanger water volume	US gal	0.12	0.21	0.30	0.39	0.48			
	Max. operating pressure	psi "F	145	145	145	145	145			
	Operating temperatures	min - max	39 - 185	39 - 185	39 - 185	39 - 185	39 - 185			
	Pipe S/R connections*7	Inch	Euroconus 3/4 14	Euroconus 3/4*	Euroconus 3/4*	Euroconus 3/4*	Euroconus 3/4*			
	Condersace drain size	c/m med	53.6	123.5	187.2	241.3	2819			
Airflow	Airflow*3	(min - max)	(28.8 - 85.9)	(73.0 - 173.0)	(114.2 - 257.8)	(177.8 - 333.7)	(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 Max, power (() min. speed	A W	0.22	0.32	0.36 5	0.52 5	0.56 5			
	Max, power (grinte speed									
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**	dB(A) med (min - max)*1	33 (24 - 41)	34 (25- 42)	34 (25 - 44)	35 (25 - 46)	37 (27 - 47)			
4-PIPE MODEL	5									
4-PIPE MODEL	5				Model					
4-PIPE MODEL:	S Metric	Units (IP)	VS7 VSI7	VS 9 VSI 9	VS 11	VS 13 VSI 13	VS 15 VSI 15			
		bruh med	VS17 2,082	VSI 9 3,856	VS 11 VSI 11 5,187	VSI13 6,108	VSI 15 7,439			
Parameter	Metric Total cooling (45/54/81°F)	bruh med (min - max)** bruh med	VS17 2,082 (1,058 - 2,457) 1,536	VSI 9 3,856 (2,150 - 5,050) 2,867	VS 11 VSI 11 5,187 (2,696 - 7,030) 3,788	VSI 13 6,108 (3,344 - 8,531) 4,812	VSI 15 7,439 (4,129 - 10,237) 5,733			
Parameter	Metric Total cooling (45/54/81°F) Sensible cooling	bruh med (min- max)*1 bruh med (min- max)*1	VSI7 2,082 (1,058 - 2,457) 1,536 (819 - 1,911)	VSI 9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924)	VS 11 VS[11] \$187 (2,696-7,030) 3,788 (2,082-5,255)	VSI 13 6,108 (3,344 - 8,531) 4,812 (2,764 - 6,722)	VSI 15 7,439 (4,129 - 10,237) 5,733 (3,174 - 7,883)			
Parameter	Metric Total cooling (45/54/81°F)	beuh med (min- max)*** beuh med (min- max)*** gpm med (min- max)***	VSI7 2,082 (1,058 - 2,457) 1,536 (819 - 1,911) 0.5 (0.2 - 0.5)	VSI 9 3,856 (2,150 - \$,050) 2,867 (1,570 - 3,924) 0.8 (0.5 - 1.1)	VS 11 VS 111 5,187 (2,696 - 7,030) 3,788 (2,082 - 5,255) 1,1 (0.6 - 1.6)	VSI 13 6,108 (3,344 - 8,531) 4,812 (2,764 - 6,722) 1.3 (0.7 - 1.9)	VSI 15 7,439 (4,129 - 10,237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3)			
Parameter	Metric Total cooling (45/54/81°F) Sensible cooling	bruh med (min- max)** bruh med (min- max)** gpm med	VSI7 2,082 (1,058 - 2,457) 1,536 (819 - 1,911) 0.5	VSI 9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924) 0.8	VS 11 VSI 11 5,187 (2,696-7,030) 3,788 (2,082-5,255) 1.1	VSI13 6,108 (3,344 - 8,531) 4,812 (2,764 - 6,722) 1.3	VSI 15 7,439 (4,129 - 10, 237) 5,733 (3,174 - 7,883) 1.6			
Parameter	Metric Total cooling (45/54/81°F) Sensible cooling Flow race	beth med (min- max)*** buth med (min- max)*** gpm med (min- max)*** ft of hd med	VSI7 2,082 (1,058 - 2,457) 1,536 (819 - 1,911) 0,5 (0.2 - 0.5) 2.5	VSI 9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924) 0.8 (0.5 - 1.1)	VS 11 VSI 11 5,187 (2,696 - 7,030) 3,788 (2,082 - 5,255) 1,1 (0.6 - 1.6) 3,2	VSI13 6,108 (3,344 - 8,531) 4,812 (2,764 - 6,722) 1.3 (0.7 - 1.9) 2.4	VSI 15 7,439 (4,129 - 10,237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9			
Parameter	Metric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop	beth med (min- max)** beth med (min- max)** gpm med (min- max)** ft of hid med (min- max)** beth med (min- max)** gpm med	VS17 2,082 (1,058 - 2,457) 1,536 (819 - 1,911) 0.5 (1,2 - 0,5) 2.5 (1,3 - 2,8) 2,457 (1,434 - 2,798) 0.3	VS19 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,024) 0.8 (0.5 - 1.1) 1.8 (1.1 - 2.2) 4,709 (3,174 - 5,494) 0.5	VS 11 VS 11 VS 111 5,187 (2,696-7,030) 3,788 (2,082-5,255) 13 (0.6-1.6) 3,2 (1.6-4.6) 6,688 (5,187-7,814)	VS113 6,108 (3,344 - 8,531) 4,812 (2,764 - 6,722) 1.3 (0,7 - 1.9) 2.4 (1.3 - 3.6) 9,657 (5,688 - 11,056)	VSI 15 7,439 (4,129 - 10, 237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9 (4,7 - 5.3) 10,339 (7,132 - 12,387)			
Parameter	Metric Total cooling (45/54/81°F) Sensible cooling Flow rate Pressure drop Heading (1/6/167/68°F)	besh med (min- max)** besh med (min- max)** gpm med (min- max)** ft of hid med (min- max)** besh med (min- max)** gpm med (min- max)** ft of hid med ft of hid med	VS17 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0.5 (0.2 - 0.5) 2.5 (1.3 - 2.8) 2,457 (1,434 - 2,798) 0.3 (0.2 - 0.3) 1.4	VSI9	VS 11 VS 111 \$187 (2,996 - 7,030) 3,788 (2,082 - 5,755) 11 (0.6 - 1.6) 3.2 (1.6 - 4.6) 6,688 (5,187 - 7,814) 0.8 (0.5 - 0.9) 2.7	VS113 6,108 (3,344-8,531) 4,812 (2,764-6,722) 13 (07-19) 2,4 (13-3,6) 9,657 (5,688-11,056) 11 (08-1,3) 2,0	VSI 15 7,439 (4129 - 10,237) (5,733 (3,174 - 7,883) 16 (19 - 2.5) 4.9 (4,7 - 5.5) 10,339 (7,132 - 12,387) 12 (1.8 - 1.4)			
Parameter Cooling/hearing	Motric Total cooling (45/54/81°F) Sensible cooling Flow rate Pressure drop Heading (176/167/68°F) Flow rate Pressure drop	besh med (min- max)** besh med (min- max)** gpm med (min- max)** ft of hid med (min- max)** besh med (min- max)** gpm med (min- max)** ft of hid med (min- max)**	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0.5 (0.2 - 0.5) 2.5 2.457 (1,434 - 2,798) 0.3 (0.2 - 0.3) 1.4 (1.1 - 1.4)	VS19	VS 11 VS 111 \$187 (2,596 - 7,030) 3,788 (2,082 - 5,255) 11 (0.6 - 1.6) 3.2 (1.6 - 4.6) 6,688 (5,187 - 7,814) 0.8 (0.5 - 0.9) 27 (27 - 3.6)	VS113 6,108 (3,344-8,531) 4,812 (2,754-6,722) 1.3 (07-1.9) 2.4 (1.3-3.6) 9,657 (5,688-11,056) 1.1 (0.8-1.3) 2.0 (15-2.4)	VSI 15 7,439 (4129-10,237) 5,733 (3,174-7,583) 16 (19-2-3) 4,9 (4,7-5,3) 10,339 (7,132-12,387) 12 (1,8-1,4) 17 (3,8-1,3)			
Parameter Cooling/hearing	Motric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop Heading (176/167/68°F) Flow race Pressure drop Head exchanger water volume	besh med (min- max) ^m besh med (min- max) ^m gpm med (min- max) ^m to of hel med (min- max) ^m besh med (min- max) ^m gpm med (min- max) ^m to the med (min- max) ^m US gat	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0.5 (0.2 - 0.5) 2.5 (1.5 - 2.8) 2,457 (1,434 - 2,798) 0.3 (0.2 - 0.3) 1.4 (1.1 - 1.4)	VSI9	VS 11 VS 11 VS 111 (2,696-7,030) 3,788 (2,082-5,255) 11 (0.6-1.6) 3.2 (1.6-4.6) 6,688 (5,187-7,814) 0.8 (10.6-0.9) 27 (27-3.6)	VS113 6,108 (3,544-8,531) 4,812 (2,764-6,722) 1.3 (07-1.9) 2.4 (1.3-3.6) 9,657 (5,688-11,056) 11 (0.8-1.3) 2.0 (1.5-2.4)	VSI 15 7,439 (4,129 - 10,237) 5,733 (3,174 - 7,883) 16 (19 - 2.3) 4,9 (4,7 - 5.3) 10,339 (7,132 - 12,387) 12 (1,8 - 1.4) 17 (5,8 - 1.5)			
Parameter Cooling/hearing	Motric Total cooling (45/54/81°F) Sensible cooling Flow rate Pressure drop Heading (176/167/68°F) Flow rate Pressure drop	besh med (min-max)** bush med (min-max)** gpm med (min-max)** ft of hid med (min-max)** bush med (min-max)** gpm med (min-max)** ft of hid med (min-max)** To find med (min-max)** To find med (min-max)** To find med (min-max)** To find med (min-max)**	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0.5 (0.2 - 0.5) 2.5 2.457 (1,434 - 2,798) 0.3 (0.2 - 0.3) 1.4 (1.1 - 1.4)	VS19	VS 11 VS 111 \$187 (2,596 - 7,030) 3,788 (2,082 - 5,255) 11 (0.6 - 1.6) 3.2 (1.6 - 4.6) 6,688 (5,187 - 7,814) 0.8 (0.5 - 0.9) 27 (27 - 3.6)	VS113 6,108 (3,344-8,531) 4,812 (2,754-6,722) 1.3 (07-1.9) 2.4 (1.3-3.6) 9,657 (5,688-11,056) 1.1 (0.8-1.3) 2.0 (15-2.4)	VSI 15 7,439 (4129-10,237) 5,733 (3,174-7,583) 16 (19-2-3) 4,9 (4,7-5,3) 10,339 (7,132-12,387) 12 (1,8-1,4) 17 (3,8-1,3)			
Parameter	Motric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop Heating (176/167/68°F) Flow race Pressure drop Heat exchanger water volume Max. operating pressure Operating comperatures	besh med (min-max)** besh med (min-max)** gpm med (min-max)** for in hid med (min-max)** besh med (min-max)** gpm med (min-max)** gpm med (min-max)** US gat psi ##################################	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0.5 (0.2 - 0.5) 2.5 2.5 2,457 (1,434 - 2,798) 0.3 (0.2 - 0.3) 1.4 (1.1 - 1.4) 0.12 145 39 - 185	VS19	VS 11 VS 11 VS 111 VS 111 S 187 (2,696 - 7,030) 3,788 (2,082 - 5,255) 11 (0.6 - 1.6) 3.2 (1.6 - 4.6) 6,688 (5,187 - 7,814) 0.8 (0.5 - 0.9) (2.7 - 3.6) 0.30 145 39 - 185	VS113 6,108 (3,544-8,531) 4,812 (2,764-6,722) 13 (07-19) 24 (13-3.6) 9,657 (5,688-11,056) 11 (0.8-1.3) 2.0 (15-2.4)	VSI 15 7,439 (4,129-10,237) 5,733 (3,174-7,883) 16 (19-2-3) 4,9 (4,7-5,3) 10,339 (7,132-12,387) 12 (18-14) 17 (3,8-13) 0,48			
Parameter Cooling/hearing	Motric Total cooling (45/54/81°F) Sensible cooling Flow rate Pressure drop Heading (176/167/68°F) Flow rate Pressure drop Head exchanger water volume Max. operating pressure	besh med (min-max)** bush med (min-max)** gpm med (min-max)** ft of hid med (min-max)** bush med (min-max)** gpm med (min-max)** ft of hid med (min-max)** To find med (min-max)** To find med (min-max)** To find med (min-max)** To find med (min-max)**	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0.5 (0.2 - 0.5) 2.5 (1.3 - 2.8) 2,457 (1,434 - 2,798) 0.3 (0.2 - 0.3) 1.4 (1.1 - 1.4) 0.12	VS19	VS 11 VS 11 VS 111 (2,696-7,030) 3,788 (2,082-5,255) 11 (0.6-1.6) 3.2 (1.6-4.6) 6,688 (5,187-7,814) 0.8 (0.6-0.9) 27 (2,7-3.6)	VS113 6,108 6,108 13,544-8,531) 4,812 (2,754-6,722) 1.3 (07-1.9) 2.4 (1.3-3.6) 9,657 (5,688-11,056) 1.1 (0.8-1.3) 2.0 (1.5-2.4) 0.39 145	VSI 15 7,439 (4129-10,237) 5,733 (3,174-7,583) 16 (19-2-3) 4,9 (4,7-5,3) 10,339 (7,132-12,387) 12 (1,8-1,4) 17 (3,8-1,3) 0,48 145 39-185			
Parameter Cooling/hearing	Metric Total cooling (A5/54/81°F) Sensible cooling Flow race Pressure drop Heating (176/167/68°F) Flow race Pressure drop Heat exchanger water volume Max. operating pressure Operating temperatures Pipe S/R connections*2	besh med (min-max)** buth med (min-max)** gpm med (min-max)** ft of hid med (min-max)** buth med (min-max)** ft of hid med	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0,5 (0,2 - 0,5) 2,5 (1,3 - 2,8) 2,457 (1,434 - 2,798) 0,3 (0,2 - 0,3) 1,4 (1,1 - 1,4) 0,12 M5 39 - 1815 Eurocomus 3/47 14 53,6	VSI9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,024) 0,5 - 11) 1,8 (0,5 - 11) 1,8 (1,1 - 2,2) 4,709 (3,174 - 5,404) 0,5 (1,2 - 2,3) 1,2 (1,2 - 2,3) 1,45 3,9 - 1,85 Eurocomus 3,47 1,4 121,8	VS 11 VS 11 VS 11 \$ 187 (2,696-7,030) \$ 3,788 (2,082-5,255) 11 (1.6-1.6) \$ 3.2 (1.6-4.6) \$ 6,688 (5,187-7,814) 0.8 (0.6-0.9) 27 (27-3.6) 0.30 145 \$ 39-185 Euroconus 347 14	VS113 6,108 6,108 13,344-8,531) 4,812 (2/64-6,722) 13 13 (07-1.9) 24 (1.3-3.6) 9,657 (5,688-1,056) 11 (0.8-1.3) 2.0 (1.5-2.4) 0.39 145 39-185 Euroconus 3/4* 14	VSI 15 7,439 (4,129-10,237) 5,733 (3,174-7,883) 16 (0.9-2-3) 4.9 (4,7-5-3) 10,339 (1,132-12,387) 17 (3,8-1.3) 10,48 145 30-185 Euroconus 3,44 14 244.8			
Parameter Cooling/hearing	Motric Total cooling (45/54/81°F) Sensible cooling Flow rate Pressure drop Heating (176/167/68°F) Flow rate Pressure drop Heat exchanger water volume Max. operating emperatures Dipe S/R connections*2 Conderease drain size	besh med (min- max)** besh med (min- max)** gpm med (min- max)** ft of hel med (min- max)** besh med (min- max)** gpm med (min- max)** gpm med (min- max)** t of hel med (min- max)** US gat psi F min- max inch mm	V.S.I.7 2,082 (1,058 - 2,457) 1,556 (819 - 1,917) 0,5 (0,2 - 0,5) 2,5 2,457 (1,434 - 2,798) 0,3 (0,2 - 0,5) 1,4 (1,1 - 1,4) 0,12 1,45 3,9 - 1,85 Euroconus 3,47 1,4	VSI9	VS 11 VS 11 VS 111 VS 111 S 187 (2,696-7,030) 3,788 (2,082-5,255) 11 (0.6-1.6) 3.2 (1.6-4.6) 6,688 (5,187-7,814) 0.8 (0.6-0.9) 2,7 (2,7-3.6) 0.30 145 39-185 Euroconus 3/4*	VS113 6,108 6,108 13,544-8,531) 4,812 (2,764-6,722) 1.3 (07-1.9) 2.4 (1.3-3.6) 9,657 (5,688-11,056) 11 (0.8-1.3) 2.0 (15-2.4) 0.39 145 39-185 EUROCONNAS 3/4*	VSI 15 7,439 (4,129 - 10, 257) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9 (4.7 - 5.3) 10,339 (4.37 - 5.3) 12 (0.8 - 1.4) 17 (3.8 - 1.3) 0.48 145 39 - 185 Euroconus 3,47 14			
Parameter Cooling/hearing Hydrautic	Metric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop Heading (176/167/68°F) Flow race Pressure drop Heat exchanger water volume Max. operating pressure Operating temperatures Pipe S/R connections*2 Condereace drain size Airflow**	besh med (min-max)** buth med dmin-max)** gpm med (min-max)** ft of hid med (min-max)** buth med (min-max)** ft of hid med (min-max)** F min-max inch mm chm med (min-max)	VSI7 2,082 (1,058 - 2,457) 1536 (819 - 1,911) 0,5 (0,2 - 0,5) 2,5 (1,3 - 2,8) 2,457 (1,434 - 2,798) 0,3 (0,2 - 0,3) 1,4 (1,1 - 1,4) 0,12 M5 3,9 - 1815 Eurocomus 3,47 1,4 5,3,6 (27,1-77,7)	VS19 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924) 0,8 0,5 - 11) 1,8 (11 - 2,2) 4,709 (3,174 - 5,494) 0,5 (14 - 0,6) 1,2 (1,2 - 2,3) 1,45 3,9 - 1,85 Euroconus 3,44 1,18 1,21,8 (7,3,0-1,53,0)	VS 11 VS 11 VS 11 \$ 187 (2,696-7,030) \$ 3,788 (2,082-5,255) 11 (1.6-1.6) \$ 3.2 (1.6-4.6) \$ 6,688 (5,187-7,814) 0.8 (0.6-0.9) 27 (27-3.6) 0.30 145 \$ 39-185 Euroconus \$447 14 171.3 (114.2-217.8)	VS113 6,108 6,108 13,344-8,531) 4,812 (2/64-6,722) 13 13 (07-19) 24 (13-3-6) 9,657 (5,688-11,056) 11 (08-13) 2.0 (15-2.4) 0.39 145 39-185 Euroconus 3/4* 14 157.2 (145.4-280.2)	VSI 15 7,439 (4,129 - 10,237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9 (4,7 - 5.3) 10,339 (7,132 - 12,387) 17 (5,8 - 1.3) 17 (5,8 - 1.5) 46 45 46 47 48 48 (154,2-319,0)			
Parameter Cooling/hearing Hydrautic	Motric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop Heating (176/167/68°F) Flow race Pressure drop Heat exchanger water volume Max. operating pressure Operating temperatures Pipe S/R connections*2 Condensate drain size Airflow*1 Power supply Max. power Max. current	besh med (min-max)** besh med (min-max)** gpm med (min-max)** ft of hd med (min-max)** besh med (min-max)** gpm med (min-max)** ft of hd med (min-max)** US gat psi "F min-max Inch mm chm med (min-max) US gat Psi TF W A	V.S.I.7 2,082 (1,058 - 2,457) 1,536 (819 - 1,917) 0.5 (0.2 - 0.5) 2.5 2,457 (1,434 - 2,798) 0.2 - 0.3) 1.4 (1.1 - 1,4) 0.12 1.45 3.9 - 185 Euroconus 3/47 14 5.3.6 (27.1-77.7) 120/1/60 11 0.22	VSI9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924) 0.8 (0.5 - 1.7) 1.8 (1.1 - 2.2) 4,709 (3,174 - 5,494) 0.5 (1.4 - 0.6) 1.2 (1.2 - 2.3) 0.21 145 39 - 185 Euroconus 3/4* 14 121.8 (73.0-153.0) 120/V60 13 0.32	VS 11 VS 11 VS 11 VS 111 VS 117 (2,696-7,030) 3,788 (2,082-5,255) 13 (0.6-1.6) 3.2 (1.6-4.6) 6,688 (5,187-7,814) 0.8 (0.6-0.9) 27 (27-3.6) 0.30 145 39-185 Euroconus 3/47 14 171.3 (114.2-217.8) 20 0.36	VS113 6,108 6,108 1,344-8,531) 4,812 (2/64-8,722) 13 (07-19) 2,4 (13-3-5) 9,657 (5,688-11,056) 11 (0.8-1.3) 2.0 (1.5-2.4) 0.39 145 39-185 Euroconus 3/4* 14 157.2 (145.4-280.2) 29 0.52	VSI 15 7,439 (4,129 - 10, 237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9 (4.77 - 5.3) 10,339 (7,12 - 12, 1387) 12 (0.8 - 1.4) 17 (3.8 - 1.3) 0.48 145 39 - 185 Euroconus 3/47 14 244.8 (154.2-319.0) 154 257			
Parameter Cooling/hearing Hydrautic	Motric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop Hearing (176/167/68°F) Flow race Pressure drop Hear exchanger water volume Max. operating pressure Operating temperatures Pipe S/R connections*2 Condereace drain size Airflow** Power supply Max. power	besh med (min-max)** besh med (min-max)** gpm med (min-max)** ft of hid med (min-max)** besh med (min-max)** gpm med (min-max)** gpm med (min-max)** tt of hid med (min-max)** US gat psi F min-max inch mm chm med (min-max) Vy plv Hz W A	V.S.I.7 2,082 (1,058 - 2,457) 1,536 (819 - 1,917) 0.5 (0.2 - 0.5) 2.5 2,457 (1,434 - 2,798) 0.2 - 0.3) 1.4 (1.1 - 1,4) 0.12 1.45 3.9 - 185 Euroconus 3/47 14 5.3.6 (27.1-77.7) 120/1/60 11 0.22 4	VSI9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924) 0.8 (0.5 - 1.7) 1.8 (1.1 - 2.2) 4,709 (3,174 - 5,494) 0.5 (1.4 - 0.6) 1.2 (1.2 - 2.3) 0.21 145 39 - 185 Euroconus 3/47 14 121.8 (73.0-153.0) 120/V60 13 0.32 4	VS 11 VS 11 VS 11 VS 111 VS 117 (2,696-7,030) 3,788 (2,082-5,255) 13 (0.6-1.6) 3.2 (1.6-4.6) 6,688 (5,187-7,814) 0.8 (0.6-0.9) 27 (27-3.6) 0.30 145 39-185 Euroconus 3/47 14 171.3 (114.2-217.8) 120 0.36 4	VS113 6,108 6,108 13,344-8,531) 4,812 (2/64-8,722) 13 (07-19) 2,4 (13-3-5) 9,657 (5,688-11,056) 11 (0.8-1.3) 2,0 (1.5-2,4) 0.39 145 39-185 Euroconus 3/47 14 157.2 (145.4-280.2) 29 0.52 4	VSI 15 7,439 (4,129 - 10,237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9 (4.77 - 5.3) 10,339 (7,12 - 12,387) 12 (0.8 - 1.4) 17 (3.8 - 1.3) 0.48 145 39 - 185 Eurocorus 3/47 14 244.8 (154.2-319.0) 120/V60 53			
Parameter Cooling/hearing Hydrautic	Motric Total cooling (45/54/81°F) Sensible cooling Flow race Pressure drop Heating (176/167/68°F) Flow race Pressure drop Heat exchanger water volume Max. operating pressure Operating temperatures Pipe S/R connections*2 Condensate drain size Airflow*1 Power supply Max. power Max. current	besh med (min-max)** besh med (min-max)** gpm med (min-max)** ft of hd med (min-max)** besh med (min-max)** gpm med (min-max)** ft of hd med (min-max)** US gat psi "F min-max Inch mm chm med (min-max) US gat Psi TF W A	V.S.I.7 2,082 (1,058 - 2,457) 1,536 (819 - 1,917) 0.5 (0.2 - 0.5) 2.5 2,457 (1,434 - 2,798) 0.2 - 0.3) 1.4 (1.1 - 1,4) 0.12 1.45 3.9 - 185 Euroconus 3/47 14 5.3.6 (27.1-77.7) 120/1/60 11 0.22	VSI9 3,856 (2,150 - 5,050) 2,867 (1,570 - 3,924) 0.8 (0.5 - 1.7) 1.8 (1.1 - 2.2) 4,709 (3,174 - 5,494) 0.5 (1.4 - 0.6) 1.2 (1.2 - 2.3) 0.21 145 39 - 185 Euroconus 3/4* 14 121.8 (73.0-153.0) 120/V60 13 0.32	VS 11 VS 11 VS 11 VS 111 VS 117 (2,696-7,030) 3,788 (2,082-5,255) 13 (0.6-1.6) 3.2 (1.6-4.6) 6,688 (5,187-7,814) 0.8 (0.6-0.9) 27 (27-3.6) 0.30 145 39-185 Euroconus 3/47 14 171.3 (114.2-217.8) 20 0.36	VS113 6,108 6,108 1,344-8,531) 4,812 (2/64-8,722) 13 (07-19) 2,4 (13-3-5) 9,657 (5,688-11,056) 11 (0.8-1.3) 2.0 (1.5-2.4) 0.39 145 39-185 Euroconus 3/4* 14 157.2 (145.4-280.2) 29 0.52	VSI 15 7,439 (4,129 - 10, 237) 5,733 (3,174 - 7,883) 16 (0.9 - 2.3) 4.9 (4.77 - 5.3) 10,339 (7,12 - 12, 1387) 12 (0.8 - 1.4) 17 (3.8 - 1.3) 0.48 145 39 - 185 Euroconus 3/47 14 244.8 (154.2-319.0) 154 257			

^{**}Lin Auto mode, values will vary between min-max.

**E. Supply/nourm piping is on the laft side of the unit. Right side connections available as special order

**2. Supply/nourm piping is on the laft side of the unit. Right side connections available as special order

**3. Auftrow measured with class filters

**4. Sound pressure measured in semianechoic chamber in compliance with ISO 7779 (distance 3 m) - onsite conditions will result in different values



Performance Details

iVector S2 Models (Metric Units - SI)

2-PIPE MODEL	.S						
					Model		
Parameter	Metric	Units (SI)	VS7	VS 9	VS 11	VS 13	VS 15
roromean	Piedic		VSI7	VSI 9	VSI 11	VSI 13	VSI 15
Cooling/heating	Total cooling (7/12/27°C)	kW med (min - max)*1	0.73 (na - 0.91)	1.36 (0.75 - 2.12)	2.08 (1.15- 2.81)	2.39 (1.32 - 3.30)	2.57 (1.41-371)
	Sensible cooling	kW med (min - max)*1	0.55 (na - 0.73)	1.07 (0.59 - 1.72)	1.51 (0.83 - 2.11)	1.84 (1.02 - 2.71)	1.98 (1.07 - 2.09)
	Flow rate	Uh med (min - max)*1	125.3 (na - 156.1)	233.3 (128.7 - 363.8)	356.9 (197.3 - 482.1)	410.1 (226.5 - 556.2)	441.0 (241.5 - 636.6)
	Pressure drop	kPa med	10.2	4.3	9.9	8.8	11.1
		(min - max)*1 kW med	(na - 12.1) 2.01	(1.9 - 8.2)	(2.7 - 17.1) 5.27	(2.5 - 18.0) 6.39	(13.8 - 21.2) 6.87
	Heating (80/75/20°C)	(min - max)*1 Vh med	(1.35 - 2.44) 176.9	(2.03 - 5.19) 318.9	(2.95 - 7.28) 464.5	(3.62 - 9.27) 563.1	(3.65 - 10.74) 605.9
	Flow race	(min - max)*1	(118.7 - 215.1)	(179.2 - 457.6)	(259.8 - 642.3)	(319.2 - 817.3)	(3221 - 9471)
	Pressure drop	kPa med (min - max)*1	3.3 (1.1- 7.7)	4.1 (2.0 - 5.9)	10.9 (3.6 - 19.1)	12.0 (4.0 - 21.6)	16.7 (5.5- 36.6)
Hydraulic	Heat exchanger water volume	I	0.47	0.80	1.13	1.46	1.80
	Max. operating pressure	bar	10	10	10	10	10
	Operating temperatures	TC min - max	4-85	4 - 85	4-85	4 - 85	4-85
	Pipe S/R connections ⁴⁰	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
AirRow	Airflow*s	m ¹ /h med (min - max)	91 (49 - 146)	210 (124 - 294)	318 (194 - 438)	410 (302 - 567)	479 (364 - 663)
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 (5) 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*1	dB(A) med (min - max)*1	33 (24 - 41)	34 (25 - 42)	34 (25 - 44)	35 (26 - 46)	38 (28 - 47)
4-PIPE MODEL	•						
	<u>.</u>				Model		
Parameter	Metric	Units (SI)	VS7 VS17	VS 9 VSI 9	Model VS 11 VSI 11	VS 13 VSI 13	VS 15 VSI 15
		Units (SI) kW med (min - max)**			VS 11		
Parameter	Motric	kW med (min - max) ^{k1} kW med	VS17 0.61 (0.31 - 0.72) 0.45	VSI 9 113 (0.63- 1.48) 0.84	VS11 VSI11 1.52 (079 - 2.06)	VSI 13 179 (0.98 - 2.50) 1.41	VSI 15 2.18 (1.21 - 3.00) 1.68
Parameter	Metric Total cooling (7/12/27°C) Sensible cooling	kW med (min - max)*1 kW med (min - max)*1 Uh med	VSI7 0.61 (0.31 - 072) 0.45 (0.24 - 0.56) 105.4	VSI 9 113 (0.63 - 1.48) 0.84 (0.46 - 1.15) 193.0	VS 11 VSI 11 1.52 (079 - 2.06) 1.11 (0.61 - 1.54) 260.2	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4	VSI 15 218 (1.21 - 3.00) 1.68 (0.93 - 2.31) 374.3
Parameter	Motric Total cooling (7/12/27°C) Sensible cooling Flow rate	kW med (min - max)*1 kW med (min - max)*1 Vh med (min - max)*1	VS17 0.61 (0.31-072) 0.45 (0.24-0.56) 105.4 (52.5-124.2)	VSI 9 113 (0.63- 1.48) 0.84 (0.46- 1.15) 193.0 (107.3 - 253.5)	VS 11 VSI 11 1.52 (0.79 - 2.06) 1.11 (0.61 - 1.54) 260.2 (135.2 - 353.6)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5)	VSI 15 218 (1.21 - 3.00) 1.68 (0.93 - 2.31) 374.3 (207.8 - 514.2)
Parameter	Metric Total cooling (7/12/27°C) Sensible cooling	kW med (min - max)*1 kW med (min - max)*1 Vh med (min - max)*1 kPa med (min - max)*1	VS17 0.61 (0.31 - 0.72) 0.45 (0.24 - 0.56) 105.4 (52.5 - 124.2) 7.4 (3.9 - 8.4)	VSI 9 113 (0.63 - 1.48) 0.84 (0.46 - 1.15) 193.0 (107.3 - 253.5) 5.3 (3.4 - 6.6)	VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5) 7.3 (4.0 - 10.8)	VSI 15 218 (121-3:00) 1.68 (0.93-2:31) 374.3 (207.8-514.2) 14.7 (14.0-15.7)
Parameter	Motric Total cooling (7/12/27°C) Sensible cooling Flow rate	kW med (min - max)**1 kW med (min - max)**1 V/h med (min - max)**1 kPa med	VS17 0.61 (0.31 - 0.72) 0.45 (0.24 - 0.56) 105.4 (52.5 - 124.2) 7.4	VSI 9 113 (0.63 - 1.48) 0.84 (0.46 - 1.15) 193.0 (107.3 - 253.5) 5.3	VS 11 VSI 11 1.52 (0.79 - 2.06) 1.11 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5) 7.3	VSI 15 218 (1.21 - 3.00) 1.68 (0.93 - 2.31) 374.3 (207.8 - 514.2)
Parameter	Metric Total cooling (7/12/27°C) Sensible cooling Row rate Pressure drop	kW med (min - max)** kW med (min - max)** V h med (min - max)** kPa med (min - max)** kW med (min - max)** V h med	VS17 0.61 (0.31 - 0.72) 0.45 (0.24 - 0.56) 105.4 (52.5 - 124.2) 7.4 (3.9 - 8.4) 0.72 (0.42 - 0.82) 63.2	VSI 9 113 (0.63 - 1.48) 0.84 (0.46 - 1.15) 193.0 (107.3 - 253.5) 5.3 (3.4 - 6.6)	VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.5) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.83	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 4.7 (14.0-15.7) 3.03 (2.09-3.63)
Parameter	Motric Total cooling (7/12/27°C) Sensible cooling How rate Pressure drop Heading (80/75/20°C)	kW med (min - max)** kW med (min - max)** Vh med (min - max)** kPa med (min - max)** kW med (min - max)** Vh med (min - max)** Vh med (min - max)** kPa med	VS17 0.61 (0.31-072) 0.45 (024-0.56) 105.4 (52.5-124.2) 7.4 (3.9-8.4) 0.72 (0.42-0.82) 63.2 (3.7-7.3)	VSI 9 113 (0.63-1.48) 0.84 (0.45-1.15) 193.0 (107-3-253.5) 5.3 (3.4-5.6) 138 (0.93-1.61) 1217 (82.2-141.8)	VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (1.52 - 2.29) V 3.0 (134.4 - 202.2)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (188.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.83 (1.96 - 3.24) 2.49.9 (173.1 - 285.5)	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 14.7 (14.0-15.7) 3.03 (2.09-3.63) 267.4 (184.5-3.20.1)
Parameter Cooling/hearing	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Flow rate Pressure drop	kW med (min - max)** kW med (min - max)** V/n med (min - max)** kPa med (min - max)** kW med (min - max)** V/n med (min - max)** V/n med (min - max)** kPa med (min - max)**	VS17 0.61 (0.31-072) 0.45 (024-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (0.42-0.82) 63.2 (3.7-72.3) 4.1 (3.2-4.3)	VSI 9 113 (0.63-1.48) 0.84 (0.46-1.15) 193.0 (107.3-25.35) 5.3 (3.4-5.6) 1.38 (0.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-5.8)	VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (1.52 - 2.29) 973.0 (134.4 - 202.2) 8.2 (8.2 - 10.9)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (188.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.85 (1.96 - 3.24) 2.49.9 (173.1 - 2.85.5) 5.9 (4.6 - 7.3)	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 14.7 (14.0-15.7) 3.03 (2.09-3.63) 267.4 (184.5-3.20.1) (11.4-3.8)
Parameter	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Flow rate Pressure drop Heae exchanger water volume	KW med (min - max)** KW med (min - max)** Uh med (min - max)** KP med (min - max)** KW med (min - max)** Uh med (min - max)** KW med (min - max)** Uh med (min - max)**	VS17 0.61 (0.31-072) 0.45 (024-0.56) 105.4 (52.5-124.2) 7.4 (3.9-8.4) 0.72 (0.42-0.82) 63.2 (3.7-72.3) 4.1 (3.2-4.5)	VSI 9 113 (0.63-1.48) 0.84 (0.45-1.15) 193.0 (107.3-25.35) 5.3 (3.4-6.6) 1.38 (0.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-6.8) 0.80	VS 11 VS 11 152 (079-2.06) 111 (0.51-1.54) 260.2 (135.2-35.36) 9.7 (4.9-13.7) 1.96 (152-2.29) 9.3.0 (134.4-202.2) 8.2 (8.2-10.9)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.85 (1.96 - 3.24) 249.9 (173.1 - 285.5) 5.9 (4.6 - 7.3)	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 14.7 (14.0-15.7) 3.03 (2.09-3.63) 267.4 (184.5-3.20.1) 5.0 (11.4-3.8)
Parameter Cooling/hearing	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Flow rate Pressure drop	KW med (min - max)** KW med (min - max)** Vh med (min - max)** KPa med (min - max)** KW med (min - max)** Vh med (min - max)** I have tall tal	VS17 0.61 (0.31-072) 0.45 (024-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (0.42-0.82) 63.2 (3.7-72.3) 4.1 (3.2-4.3)	VSI 9 113 (0.63-1.48) 0.84 (0.46-1.15) 193.0 (107.3-25.35) 5.3 (3.4-5.6) 1.38 (0.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-5.8)	VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (1.52 - 2.29) 973.0 (134.4 - 202.2) 8.2 (8.2 - 10.9)	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (188.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.85 (1.96 - 3.24) 2.49.9 (173.1 - 2.85.5) 5.9 (4.6 - 7.3)	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 14.7 (14.0-157) 3.03 (2.09-3.63) 267.4 (184.5-3.20.1) 5.00 (11.4-3.8)
Parameter Cooling/hearing	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Flow rate Pressure drop Heat exchangerwater volume Max. operating pressure Operating comperatures	kW med (min - max)** kW med (min - maxo)** Vh med (min - max)** kPa med (min - max)** kW med (min - max)** Vh med (min - max)** Vh med (min - max)** I bar	VS17 0.61 (0.31-072) 0.45 (024-056) 105.4 (52.5-124.2) 7.4 (3.9-8.4) 0.72 (0.42-0.82) 63.2 (3.7-72.3) 4.1 (3.2-4.5)	VSI 9 113 (0.63-1.48) 0.84 (0.45-1.15) 193.0 (107-3-25.35) 5.3 (3.4-6.6) 1.38 (0.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-6.8) 0.80	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.51 - 1.54) 260.2 (135.2 - 353.5) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 9.3.0 (134 - 202.2) 8.2 (8.2 - 10.9)	VSI 13 179 (D98 - 2.50) 1.41 (B.B 1.97) 306.4 (B.B 4.28.5) 7.3 (4.0 - 10.8) 2.85 (1.96 - 3.24) 249.9 (173.1 - 285.5) 5.9 (4.6 - 7.3) 1.46	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (2078-514.2) 14.7 (14.0-15.7) 3.03 (2.09-3.63) 267.4 (184.5-3.20.1) 5.0 (11.4-3.8) 1.80
Parameter Cooling/hearing	Motric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Hearing (80/75/20°C) Flow rate Pressure drop Heat exchanger water volume Max. operating pressure	KW med (min - max)** KW med (min - max)** Vh med (min - max)** KP med (min - max)** KW med (min - max)** Vh med (min - max)** I had (min - max)** I bar T min - max	VS17 0.61 (0.31-072) 0.45 (124-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (0.42-0.82) 63.2 (3.7-72.3) 4.1 (3.2-4.5) 0.47	VSI 9 113 (0.63-1.48) 0.84 (0.46-1.15) 193.0 (107.3-253.5) 5.3 (3.4-6.6) 1.38 (0.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-6.8) 0.80 10 4-82	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.51 - 1.54) 260.2 (135.2 - 353.5) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 973.0 (134.4 - 202.2) 8.2 (8.2 - 10.9) 1.13	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.83 (196 - 3.24) 249.9 (173.1 - 285.5) 5.9 (4.5 - 7.3) 1.46	VSI 15 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 14.7 (14.0-15.7) 3.05 (2.09-3.65) 267.4 (184.5-3.20.1) 5.0 (11.4-3.8) 1.80 10 4-82
Parameter Cooling/hearing	Motric Total cooling (7/12/27°C) Sensible cooling Row rate Pressure drop Hearing (80/75/20°C) Row rate Pressure drop Hear exchanger water volume Max. operating pressure Operating compensures Pipe S/R connections*2	kW med (min - max)** kW med (min - max)** Vh med (min - max)** kPa med (min - max)** KW med (min - max)** Vh med (min - max)** I had (min - max)** I bar T min - max Inch	VS17 0.61 (0.31-0.72) 0.45 (124-0.156) 105.4 (52.5-124.2) 7.4 (3.9-8.4) 0.72 (142-0.82) 63.2 (37.3-72.3) 4.1 (3.2-4.3) 0.47 10 4-82 Euroconus 3/4	VSI 9 113 (0.63-148) 0.84 (0.46-115) 193.0 (107.3-253.5) 5.3 (3.4-6.6) 138 (0.93-1.6) 1217 (82.2-141.8) 3.7 (3.6-6.8) 10 4-82 Euroconus 3/4*	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 73.0 (134.4 - 202.2) 8.2 (8.2 - 10.9) 113	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.83 (196 - 3.24) 248.9 (173.1 - 285.5) 5.9 (4.5 - 7.3) 1.46 10 4 - 8.2 Euroconus 3.47	VSI 15 218 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 44.7 (140-15.7) 3.03 (2.09-3.63) 287.4 (184.5-3.20.1) 5.0 (114-3.8) 10 4-82 Euroconus 3/4*
Parameter Cooling/hearing Hydraulic Airflow	Motric Total cooling (7/12/27°C) Sensible cooling How rate Pressure drop Heading (80/75/20°C) How rate Pressure drop How rate Pressure drop Heat exchangerwater volume Max. operating pressure Operating temperatures Pipe S/R connections*3 Condensate drain size AirRow***	kW med (min - max)** kW med (min - max)** Vh med (min - max)** kPa med (min - max)** kW med (min - max)** kPa med (min - max)** i bar T min - max inch mrn m*/h med (min - max)	VS17 0.61 (0.31-0.72) 0.45 (124-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (1042-0.82) 63.2 (37.3-72.3) 4.1 (3.2-4.3) 0.47 10 4-82 Eurocons 3/4* 14 91 (46-132)	VSI 9 113 (0.63-148) 0.84 (0.46-115) 193.0 (007-3-2535) 5.3 (3.4-6.6) 1.58 (1.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-6.8) 10 4-82 Eurocorius 3.47 14 207 (124-260)	VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 173.0 (134.4 - 2.02.2) 8.2 (8.2 - 10.9) 10 4 - 82 Eurocanus 3/4* 14	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5) 7.3 (4.0 - 10.8) 2.83 (196 - 3.24) 249.9 (173.1 - 285.5) 5.9 (4.5 - 7.3) 1.46 10 4 - 82 Eurocomus 3.47 14 267 (247 - 476)	VSI 15 218 218 (121-3.00) 1.68 (0.93-2.31) 374.3 (207.8-514.2) 14.7 (14.0-15.7) 3.03 (2.09-3.63) 267.4 (184.5-320.1) 5.0 (11.4-3.8) 10 4-82 Euroconus 3/4° 14 416 (262-542)
Parameter Cooling/hearing Hydraulic	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Flow rate Pressure drop Heat exchangerwater volume Max. operating pressure Operating temperatures Pipe 5/R connections*2 Condensate drain stre	kW med (min - max)** kW med (min - max)** Vh med (min - max)** kPa med (min - max)** kW med (min - max)** kPa med (min - max)** i bar T min - max inch mm	VS17 0.61 (0.31-0.72) 0.45 (124-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (1042-0.82) 63.2 (57.3-72.3) 4.1 (3.2-4.3) 0.47 10 4-82 Eurocurus 3/4* 14	VSI 9 113 (0.63-148) 0.84 (0.46-115) 193.0 (007-3-2535) 5.3 (3.4-6.6) 1.58 (1.93-1.61) 1217 (82.2-141.8) 3.7 (3.6-6.8) 10 4-82 Eurocorius 3.47 14	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 9.3.0 (134.4 - 2.02.2) 8.2 (8.2 - 10.9) 10 4 - 82 Euroconus 3/4*	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5) 7.3 (4.0 - 10.8) 2.83 (196 - 3.24) 249.9 (173.1 - 285.5) 5.9 (4.5 - 7.3) 1.46 10 4 - 82 Eurocomus 3.47 14	VSI 15 218 (121 - 3.00) 1.68 (0.93 - 2.31) 374.3 (207.8 - 514.2) 14.7 (14.0 - 15.7) 3.03 (2.09 - 3.63) 267.4 (184.5 - 320.1) 5.0 (11.4 - 3.8) 10 4 - 82 Euroconus 3/4° 14
Parameter Cooling/hearing Hydraulic Airflow	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Flow rate Pressure drop Head exchangerwater volume Max. operating pressure Operating temperatures Pipe SVR connections*2 Condensate drain size AirRow*s Power supply	KW med (min - max)** KW med (min - max)** Uh med (min - max)** KPa med (min - max)** KW med (min - max)** Uh med (min - max)** I have I have T min - max Irch mrn m*/h med (min - max) V/ph/Hz	VS17 0.61 (0.31-0.72) 0.45 (124-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (1042-0.82) 63.2 (37.3-72.3) 4.1 (3.2-4.3) 0.47 10 4-82 Euroconus 3/4* 14 91 (46-132)	VSI 9 113 (0.63-148) 0.84 (0.46-115) 193.0 (107.3-253.5) 5.3 (3.4-5.6) 1.58 (1.93-1.6) 1217 (3.6-5.8) 0.80 10 4-82 Euroconus 3.47 14 207 (124-260)	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.51 - 1.54) 260.2 (135 - 3.53.6) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) V 3.0 (134 - 202.2) 8.2 (8.2 - 10.9) 1.13 10 4 - 82 Euroconus 3/4* 291 (194 - 370) 120/V60	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5) 7.3 (4.0 - 10.8) 2.83 (1.96 - 3.24) 2.49 (17.31 - 2.85.5) 5.9 (4.6 - 7.3) 1.46 10 4 - 82 Euroconus 3.47 14 267 (247 - 476)	VSI 15 218 218 (121 - 3.00) 1.68 (10.93 - 2.31) 374.3 (207.8 - 514.2) 44.7 (14.0 - 15.7) 3.03 (2.09 - 3.63) 267.4 (18.45 - 3.20.1) 5.0 (11.4 - 3.8) 10 4 - 82 Euroconus 3/4* 416 (262 - 54.2)
Parameter Cooling/hearing Hydraulic Airflow	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heating (80/75/20°C) Row rate Pressure drop Heat exchangerwater volume Max. operating pressure Operating temperatures Pipe S/R connections*3 Condensate drain size AirRow** Power supply Max. power	KW med (min - max)** KW med (min - max)** Vh med (min - max)** KP med (min - max)** KW med (min - max)** Vh med (min - max)** I har T min - max Inch mm m*/h med (min - max) V/ptvHz W	VS17 0.51 0.51 0.51 0.52 0.45 (0.24 - 0.55) 105.4 (52.5 - 124.2) 7.4 (53.9 - 8.4) 0.72 (0.42 - 0.82) 65.2 (57.3 - 72.3) 4.1 (3.2 - 4.5) 0.47 10 4 - 82 Euroconnus 3/4* 14 91 (46 - 132) 120/V60	VSI 9 113 (0.63-148) 0.84 (0.46-115) 193.0 (107.3-253.5) 5.3 (3.4-6.6) 1.38 (0.93-1.6) 1217 (82.2-141.8) 3.7 (3.6-6.8) 0.80 10 4-82 Euroconus 3/4* 14 207 (124-260) 19	VS 11 VS 11 VS 11 152 (079-2.06) 111 (0.51-1.54) 260.2 (135.2-353.5) 9.7 (4.9-13.7) 1.96 (152-2.29) 97.3.0 (134.4-202.2) 8.2 (8.2-10.9) 1.13 10 4-82 Euroconus 3/4* 14 291 (194-370) 120/V60	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.83 (1.96 - 3.24) 2.49.9 (173.1 - 285.5) 5.9 (4.5 - 7.3) 1.46 10 4 - 8.2 Eurocomus 5.44 14 267 (247 - 47.6)	VSI 15 2.18 2.18 (121-3.00) 1.68 (0.93-2.51) 374.3 (207.8-514.2) 44.7 (14.0-15.7) 3.03 (2.09-3.63) 267.4 (184.5-3.20.1) 5.0 (114-3.8) 10 4-82 Euroconus 374° 14 416 (262-54.2) 120/V60
Parameter Cooling/hearing Hydraulic Airflow	Motric Total cooling (7/12/27°C) Sensible cooling Row rate Pressure drop Heading (80/75/20°C) How rate Pressure drop Heat exchangerwater volume Max. operating pressure Operating temperatures Pipe S/R connections*2 Condensate drain size AirRow*s Power supply Max. power Max. current	kW med (min - max)** kW med (min - max)** Vh med (min - max)** kPa med (min - max)** Vh med (min - max)** Vh med (min - max)** I have imax max I have I hav	VS17 0.61 (0.31-0.72) 0.45 (1024-0.56) 105.4 (52.5-124.2) 7.4 (3.9-8.4) 0.72 (142-0.82) 63.2 (37.3-72.3) 4.1 (3.2-4.3) 0.47 10 4-82 Euroconus 3/4* 14 91 (46-132)	VS 9 113 (0.63-148) 0.84 (0.46-115) 193.0 (107.3-253.5) 5.3 (3.4-6.6) 138 (0.93-1.6) 1217 (82.2-141.8) 3.7 (3.6-6.8) 10 4-82 Euroconus 3/4* 14 207 (124-260) 120/V60 19 0.52	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 73.0 (134.4 - 202.2) 8.2 (8.2 - 10.9) 1.13 10 4 - 8.2 Euroconus 5/4* 14 291 (194 - 3.70) 120/V60 20 0.36	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 4.28.5) 7.3 (4.0 - 10.8) 2.83 (196 - 3.24) 248.9 (173.1 - 285.5) 5.9 (4.6 - 7.3) 1.46 10 4 - 8.2 Euroconus 3.47 14 267 (247 - 476) 120/V60 29 0.52	VSI 15 2.18 2.18 (121 - 3.00) 1.68 (0.93 - 2.31) 374.3 (207.8 - 514.2) 44.7 (14.0 - 15.7) 3.03 (2.09 - 3.63) 267.4 (184.5 - 3.20.1) 5.0 (11.4 - 3.8) 10 4 - 82 Euroconus 3/4* 14 416 (262 - 542) 33
Parameter Cooling/hearing Hydraulic Airflow Electrical	Metric Total cooling (7/12/27°C) Sensible cooling Flow rate Pressure drop Heading (80/75/20°C) Row rate Pressure drop Head exchangerwater volume Max. operating pressure Operating temperatures Pipe 5/R connections** Condensate drain size AirRow** Power supply Max. power @ min. speed	kW med (min - max)** kW med (min - max)** V/h med (min - max)** kPa med (min - max)** kW med (min - max)** kPa med (min - max)** kPa med (min - max)** LV med (min - max)** kPa med (min - max)** V/h med (min - max)** LT T T T T T T T T T T T T	VS17 0.61 (0.31-0.72) 0.45 (124-0.56) 105.4 (525-124.2) 7.4 (3.9-8.4) 0.72 (1042-0.82) 63.2 (37.3-72.3) 4.1 (3.2-4.3) 0.47 10 4-82 Eurocanus 3/4* 14 91 (46-132) 120/V60 11 0.22 4	VSI9 113 (0.63-148) 0.84 (0.46-115) 193.0 (007-3-2535) 5.3 (34-6.6) 1217 (822-141.8) 3.7 (3.6-6.8) 10 4-82 Eurocorus 3.47 14 207 (124-250) 120/V60 19 0.52 4	VS 11 VS 11 VS 11 152 (079 - 2.06) 111 (0.61 - 1.54) 260.2 (135.2 - 353.6) 9.7 (4.9 - 13.7) 1.96 (152 - 2.29) 75.0 (134.4 - 202.2) 8.2 (8.2 - 10.9) 1.13 10 4 - 82 Euroconus 3/4° 14 291 (194 - 3.70) 120/V60 20 0.36 4	VSI 13 179 (0.98 - 2.50) 1.41 (0.81 - 1.97) 306.4 (168.9 - 428.5) 7.3 (4.0 - 10.8) 2.83 (196 - 3.24) 249 (17.31 - 285.5) 5.9 (4.6 - 7.3) 1.46 10 4 - 82 Euroconus 3.47 14 267 (247 - 475) 120/V60 29 0.52 4	VSI 15 218 218 (121-3.00) 1.68 (1035-2.51) 374.3 (207.8-514.2) 14.7 (14.0-15.7) 3.03 (2.09-3.63) 2.67.4 (184.5-3.20.1) 5.0 (11.4-3.8) 10 4-82 Euroconus 3/4* 14 416 (262-542) 120/V60 33 0.56 5

^{*}T: In Auto mode, values will vary between min-max.

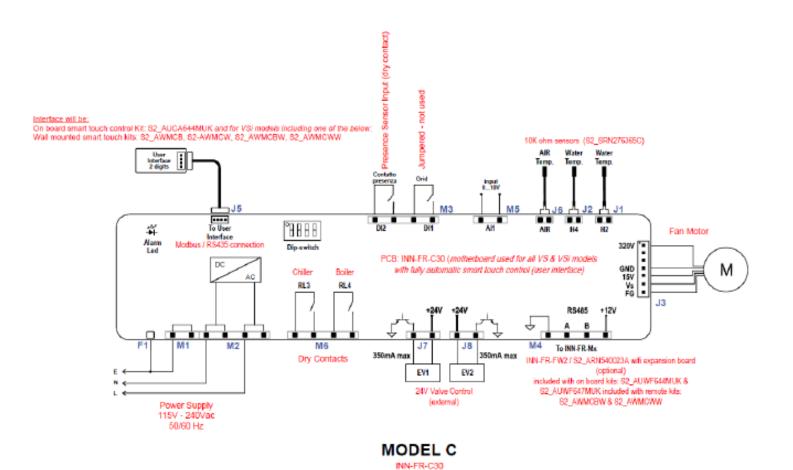
*Z: Supply/return piping is on the left side of the unit. Right side connections available as special order

*S: Artiflow measured with class filturs

*4: Sound pressure measured in semianechoic chamber in compliance with ISO 7779 (distance 3 m) - onsite conditions will result in different values



Control Functionality



Project Name: Architect: Engineer: Submitted Date: Approval Date: Approval Stamp or Signature

May 2022