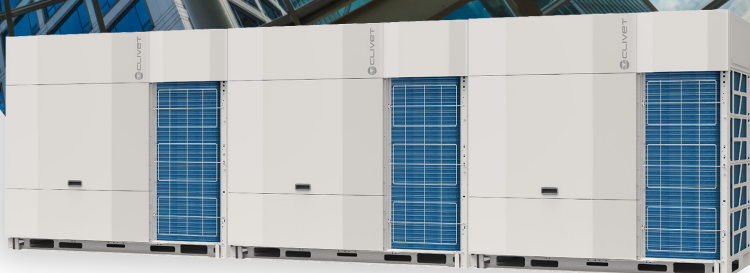


VRF CVT8

CVT8-X 252T÷2700T

NEW
OUTDOOR UNIT



Clivet participates in the ECP Programme for "VRF".
Check ongoing validity of certificate on www.eurovent-certification.com

Very high efficiency heat pump outdoor units

3 Unique Innovations

ELECTRONIC COMPONENTS PROTECTED BY SAFEBOX

The electronic components are isolated from the outdoor environment, to protect them from adverse conditions such as corrosion, sand and humidity, in the special SafeBox that provides full IP55 protection.

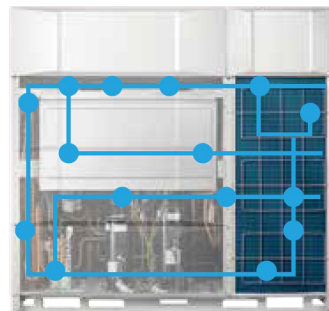
Cooling is by refrigerant with a microchannel circuit to ensure the best operating temperature at up to 55°C outside.

Furthermore, the innovative heating system maintains correct operation at down to -30°C outside.



MULTISENSOR CONTROL TECHNOLOGY

The refrigerant system is constantly monitored in every component, ensuring a high level of reliability and comfort, thanks to 19 sensors distributed throughout the refrigerant circuit. At the same time, and in combination with digital twin technology, a virtual copy of a physical sensor can be created in the event of a failure, so that the system does not stop, thus ensuring comfort while waiting for maintenance to be carried out. The function is only available with indoor units and V8 platform controls.



MR.DOCTOR 2.0

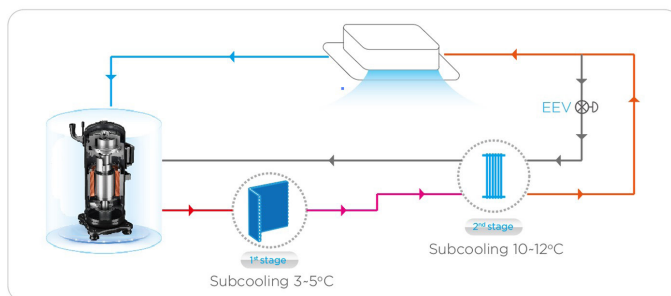
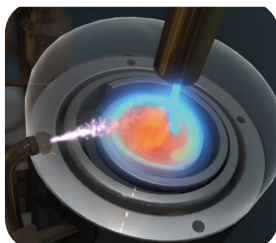
Units in the CVT8 range are fitted as standard with a special Bluetooth module to control all the unit's parameters, which become accessible and manageable from the dedicated App, without having to open panels, thereby simplifying start-up and maintenance operations.



High efficiency

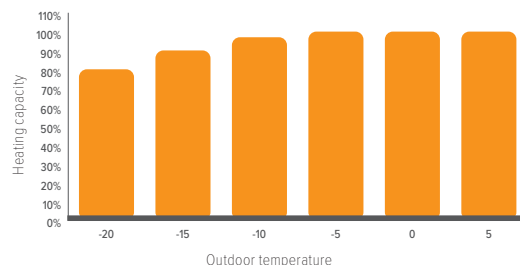
COMPRESSOR EVI (ENHANCED VAPOR INJECTION)

Thanks to the vapor injection DC inverter compressor, the CVT8 series can run heating mode stably down to -30°C , furthermore strongly increasing the heating capacity especially at low ambient temperature. Compressor is designed to run at 7% modulation minimum, highly improving system efficiency at part load operation.



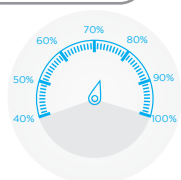
ENHANCED HEATING CAPACITY

Thanks to the vapour injection DC inverter compressor, the heating capacity is maintained at nominal when the room temperature drops to -5°C .



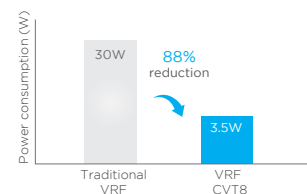
60 STEPS CAPACITY LIMITATION

In projects with limited electricity supply, capacity can be set to output from 40 to 100% with 1% discretization steps avoiding tripping and maintaining the system in operation.



LOW STANDBY POWER CONSUMPTION

The optimised control system reduces power consumption during standby mode by up to 3.5 W.



Wide application range

WIDE CAPACITY RANGE

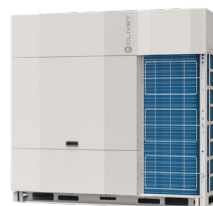
The entire CVT8 VRF range offers 8HP to 96HP, with an increase of 2HP, boasting the world's largest capacity as a single cooling system, up to 96HP.



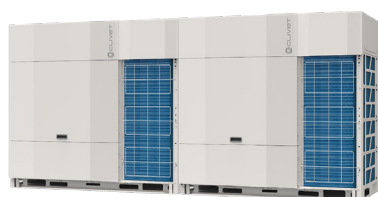
8/10/12/14/16 HP
(with single fan)



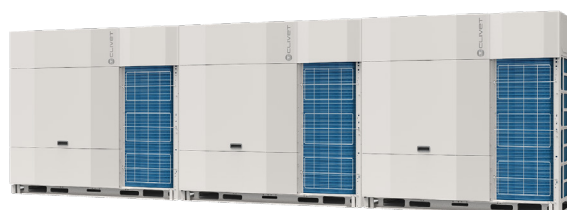
18/20/22/24 HP
(with dual fans)



26/28/30/32 HP
(with dual fans)



34/64 HP



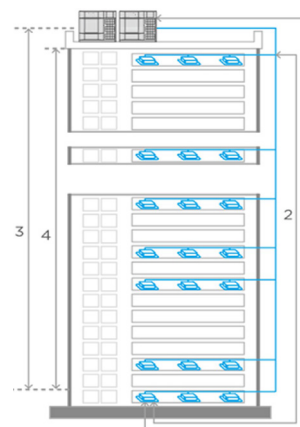
66/96 HP

LONG REFRIGERANT GAS PIPING LENGTH

Allowed values

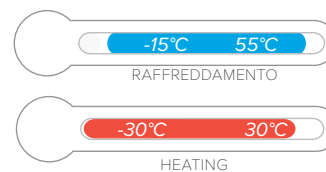
Piping length	Total piping length	Actual	m	1100
	Longest piping	Actual	m	175
		Equivalent	m	220
Difference in height	Longest length after first branch		m	40/120*
	Height difference	Outdoor unit up	m	110
	between indoor and outdoor units	Outdoor unit down	m	110
	Level difference between indoor units		m	40

*The longest length after first branch is 40m as standard but can be extended to up to 120m under certain conditions. Please refer to technical manual for further information.



WIDE OPERATING TEMPERATURE RANGE

CVT8 VRF provides a guaranteed operating range. They can operate stably at outdoor temperatures between -15°C and 55°C in cooling mode and between -30°C and 30°C in heating mode.



High Reliability

BACKUP OPERATION

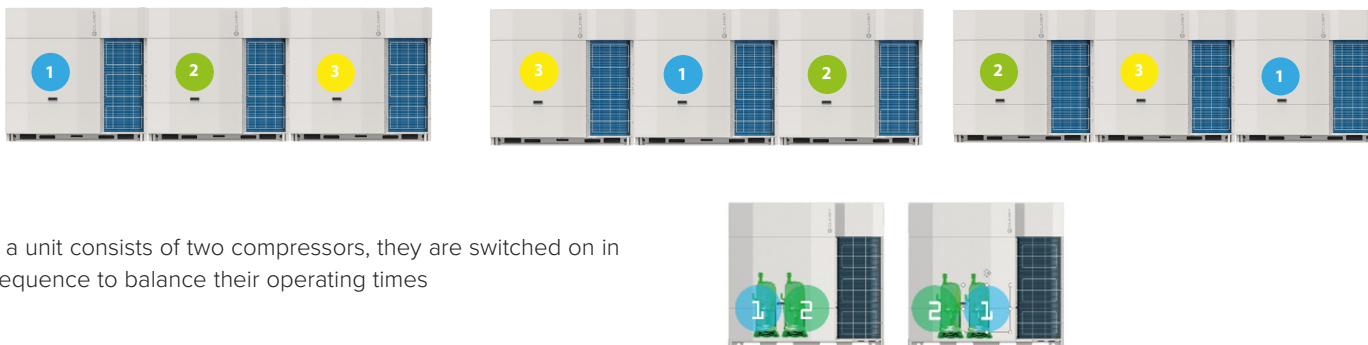
In multiple module systems, if a single unit is in alarm and fails, it is compensated for by operation of the other units to allow continuity of the service.



In a unit with two compressors or fans, if one of the components goes into alarm, the other can act as its backup in order to maintain a temporary capacity for up to 4 days, leaving time for maintenance or repair, and ensure uninterrupted comfort.

BALANCING THE OPERATING TIMES

In a multi-unit system, if one module fails, the other modules provide backup so that the system can continue operating.



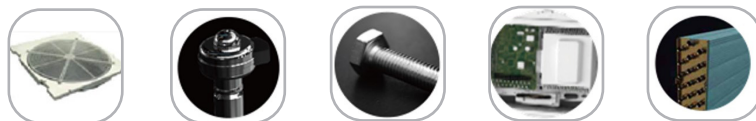
If a unit consists of two compressors, they are switched on in sequence to balance their operating times

ANTI-CORROSION PROTECTION

Outdoor units are given anti-corrosion treatment for non-extreme conditions as standard and can also be customized with heavy anticorrosion treatment on main components for surface protection against corrosive air, acid rain and saline air (for installations in coastal regions) to extend overall useful life. The integrity of the anti-corrosion treatment is ensured by subjecting major components and parts to salt mist testing, moisture and heating testing and light aging testing.

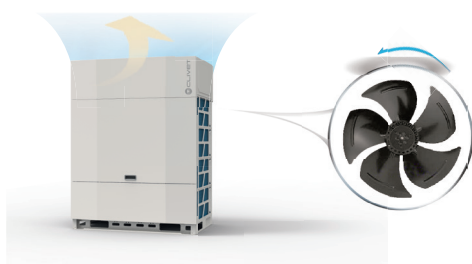
Please contact your local dealer for further information about customization price and availability.

- Fan motor
- Screws / Bolts / Gaskets
- Heat exchanger aluminum foil
- Painted sheet metal
- Heat exchanger copper pipe
- Electric Control Box Case



AUTO SNOW-BLOWING FUNCTION

The innovatively designed auto snow-blowing function enables the outdoor unit to prevent the accumulation of snow by using ari jet.



SELF CLEAN FUNCTION

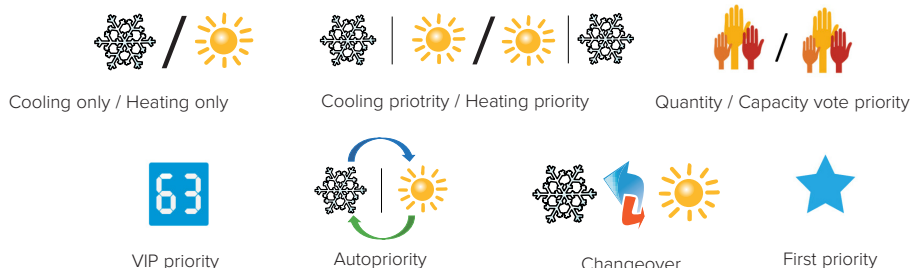
The innovatively designed dust-clean function enables the outdoor unit to prevent the dust by itself.



Enhanced comfort

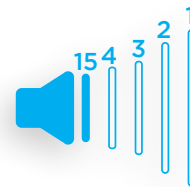
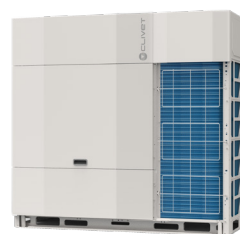
MULTIPLE PRIORITY MODES

Operating mode priority can be set among 10 different modes to satisfy every specific user's need. Setting can be performed easily on field.



MULTIPLE SILENT MODES

There are 15 silent modes available to fulfil any specific requirement.



Easy Installation and Service

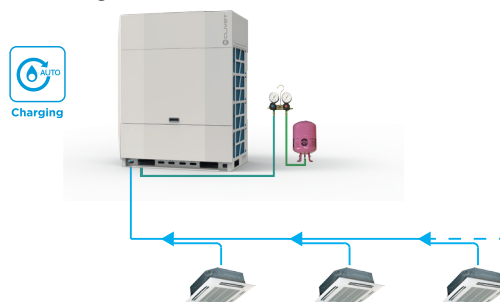
AUTO ADDRESSING

The outdoor unit can assign the addresses of the indoor and outdoor master/slave units automatically. Remote and wired controllers can be used to query or modify each indoor unit's address.



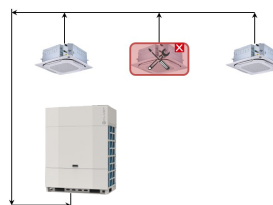
AUTOMATIC REFRIGERANT CHARGING FUNCTION

Automatic refrigerant charging function make the installation and service easier and more efficient, automatically collecting refrigerant from the tank and stopping the operation when exact refrigerant charge is done.



AUTOMATIC REFRIGERANT RECYCLING

Thanks to a specific setting, the recovery and storage of refrigerant can be set in the outdoor unit or in the indoor units, thereby facilitating technical intervention and reducing maintenance times.



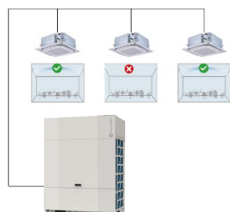
Refrigerant stored in ODU



Refrigerant stored in IDU

MAINTENANCE MODE

If the power supply has to be cut off to some of the units during a technical intervention, maintenance mode can be activated and the rest of the system kept active.



SMART INPUT / OUTPUT CONTACT

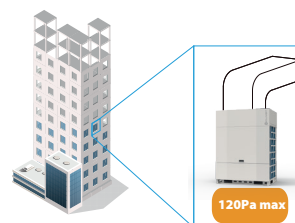
Convenient connectors are available as standard on unit PCB, to realize some convenient operations on field with other building appliances depending on users' needs.

Input: Two contacts available including Cooling/Heating only mode and Force stop.

Outputs: One contact available including running status and alarm signal.

FAN ESP UP TO 120 PA

The fan can be set to ensure up to 120 Pa of available pressure. In this way, the outdoor unit can be installed in technical rooms or in areas where the correct natural air flow cannot be ensured, ducting the air exhaust from the unit to the outside.





VRF CVT8

Size		CVT8-X	252T	280T	335T	400T	450T	500T	560T
Capacity		HP	8	10	12	14	16	18	20
Cooling ⁽¹⁾	Capacity	kW	25,2	28,0	33,5	40,0	45,0	50,0	56,0
	SEER	-	7,55	7,45	7,31	7,35	7,00	7,10	6,80
	η _{s,c}	%	299,0	295,0	289,4	291,0	277	281,0	269,0
	Operating temperature range (DB)	°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C
Heating ⁽²⁾	Capacity (Nominal/Max)	kW	25,2/27,0	28/31,5	33,5/37,5	40/45	45/50	50/56	56/63
	SCOP	-	4,46	4,40	4,42	4,39	4,40	4,45	4,30
	η _{s,h}	%	175,4	173,0	173,8	172,6	173,0	175	169,0
	Operating temperature range (DB)	°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C
Connectable Indoor Units	Total Capacity Index ⁽³⁾	-	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%
	Max quantity	-	13	16	19	23	26	29	33
Compressor	Type	-	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Quantity	-	1	1	1	1	1	1	1
Refrigerant	Factory charge	kg	7,0	7,0	7,0	8,0	8,0	9,3	9,3
	CO ₂ equivalence	tonne	14,62	14,62	14,62	16,71	16,71	19,42	19,42
Pipe connections	Liquid	mm	Φ12,7	Φ12,7	Φ12,7	Φ15,9	Φ15,9	Φ15,9	Φ15,9
	Gas	mm	Φ25,4	Φ25,4	Φ25,4	Φ28,6	Φ28,6	Φ28,6	Φ28,6
Fan motor	Quantity	-	1	1	1	1	1	2	2
	Static pressure	Pa	20-120	20-120	20-120	20-120	20-120	20-120	20-120
Dimensions (Length x Height x Depth)		mm	940×1760×825	940×1760×825	940×1760×825	940×1760×825	940×1760×825	1340×1760×825	1340×1760×825
Weight		kg	195	195	195	218	218	277	277
Air flow rate		m ³ /h	12600	12600	13500	15600	15600	22000	22000
Sound power level ⁽⁴⁾		dB(A)	83	84	85	86	86	88	88
Power supply		V/Ph/Hz	380-415/3~/50+N						



VRF CVT8

Size		CVT8-X	615T	670T	730T	785T	850T	900T
Capacity		HP	22	24	26	28	30	32
Cooling ⁽¹⁾	Capacity	kW	61,5	67,0	73,0	78,5	85,0	90,0
	SEER	-	6,70	6,30	5,80	6,40	6,25	6,11
	η _{s,c}	%	265,0	249,0	229,0	253,0	247,0	241,4
	Operating temperature range (DB)	°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C
Heating ⁽²⁾	Capacity (Nominal/Max)	kW	61,5/69,0	67,0/75	73,0/81,5	78,5/87,5	85,0/95	90,0/100
	SCOP	-	4,45	4,40	4,32	4,32	4,25	4,25
	η _{s,h}	%	175,0	173,0	169,8	169,8	167,0	167,0
	Operating temperature range (DB)	°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C
Connectable Indoor Units	Total Capacity Index ⁽³⁾	-	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%
	Max quantity	-	36	39	43	46	50	53
Compressor	Type	-	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Quantity	-	1	1	2	2	2	2
Refrigerant	Factory charge	kg	11,96	11,96	11,96	11,96	11,96	11,96
	CO ₂ equivalence	tonne	24,97	24,97	24,97	24,97	24,97	24,97
Pipe connections	Liquid	mm	Φ15,9	Φ15,9	Φ22,2	Φ22,2	Φ22,2	Φ22,2
	Gas	mm	Φ28,6	Φ28,6	Φ31,8	Φ34,9	Φ34,9	Φ34,9
Fan motor	Quantity	-	2	2	2	2	2	2
	Static pressure	Pa	20-120	20-120	20-120	20-120	20-120	20-120
Dimensions (Length x Height x Depth)		mm	1340×1760×825	1340×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825
Weight		kg	297	297	373	410	410	410
Air flow rate		m ³ /h	21500	21500	29000	28000	28000	28000
Sound power level ⁽⁴⁾		dB(A)	89	92	93	93	93	93
Power supply		V/Ph/Hz	380-415/3~/50+N					

The Product is compliant with the Erp (Energy Related Products) European Directive. It includes the Commission delegated Regulation (EU) N.No 2016/2281, also known as Ecodesign Lot21.

SEER and SCOP according EN14825 regulation

(1) Indoor air temperature 27°C DB/19°C WB; Outdoor air temperature 35°C DB/24°C WB. Equivalent piping length 5m with zero level difference.

(2) Indoor air temperature 20°C DB/15°C WB; Outdoor air temperature 7°C DB/6°C WB. Equivalent piping length 5m with zero level difference.

(3) Total Capacity Index = indoor unit total capacity/outdoor unit capacity

(4) Sound levels are measured in a semi-anechoic chamber, 1 m in front of the unit and 1.3 m off the floor



VRF CVT8

Size		CVT8-X	960T	1010T	1070T	1120T	1170T	1230T	1285T	1340T
Capacity		HP	34	36	38	40	42	44	46	48
Combinations		HP	14+20	16+20	14+24	16+24	18+24	22+22	22+24	24+24
Cooling ⁽¹⁾	Capacity	kW	96,0	101,0	107,0	112,0	117,0	123,0	128,5	134,0
	SEER	-	7,02	6,89	6,66	6,56	6,62	6,70	6,49	6,30
	ηs,c	%	277,8	272,5	263,2	259,6	261,8	265,0	256,4	249,0
	Operating temperature range (DB)	°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C
Heating ⁽²⁾	Capacity (Nominal/Max)	kW	96,0/108	101,0/113	107,0/120	112,0/125	117,0/131,0	123,0/138,0	128,5/144,0	134,0/150,0
	SCOP	-	4,34	4,34	4,40	4,40	4,42	4,45	4,42	4,40
	ηs,h	%	170,5	170,8	172,9	173,0	173,9	175	173,9	173,0
	Operating temperature range (DB)	°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C
Connectable Indoor Units	Total Capacity Index ⁽³⁾	-	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%
	Max quantity	-	56	59	62	64	64	64	64	64
Compressor	Type		DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Quantity	-	2	2	2	2	2	2	2	2
Refrigerant	Factory charge	kg	8+9,3	8+9,3	8+11,96	8+11,96	9,3+11,96	11,96+11,96	11,96+11,96	11,96+11,96
	CO ₂ equivalence	tonne	36,13	36,13	41,68	41,68	44,39	49,95	49,95	49,95
Pipe connections	Liquid	mm	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1
	Gas	mm	Φ31,8	Φ38,1	Φ38,1	Φ38,1	Φ38,1	Φ38,1	Φ38,1	Φ38,1
Fan motor	Quantity	-	3	3	3	3	4	4	4	4
	Static pressure	Pa	20-120	20-120	20-120	20-120	20-120	20-120	20-120	20-120
Dimensions (Length x Height x Depth)	Unit1	mm	940×1760 ×825	940×1760 ×825	940×1760 ×825	940×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825
	Unit2	mm	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825
Weight		kg	218+277	218+277	218+297	218+297	277+297	297+297	297+297	297+297
Air flow rate		m ³ /h	37600	37600	37100	37100	43500	43000	43000	43000
Sound power level ⁽⁴⁾		dB(A)	91	91	93	93	93	92	94	95
Power supply		V/Ph/Hz	380-415/3~/50+N							



VRF CVT8

Size		CVT8-X	1400T	1460T	1515T	1570T	1630T	1685T	1750T	1800T
Capacity		HP	50	52	54	56	58	60	62	64
Combinations		HP	18+32	20+32	22+32	24+32	26+32	28+32	30+32	32+32
Cooling ⁽¹⁾	Capacity	kW	140,0	146,0	151,5	157,0	163,0	168,5	175,0	180,0
	SEER	-	6,43	6,36	6,34	6,19	5,97	6,24	6,18	6,11
	ηs,c	%	254,2	251,3	250,5	244,59	235,7	246,7	244,1	241,40
	Operating temperature range (DB)	°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C
Heating ⁽²⁾	Capacity (Nominal/Max)	kW	140,0/156	146,0/163	151,5/169	157,0/175,0	163,0/181,5	168,5/187,5	175,0/195	180,0/200
	SCOP	-	4,32	4,27	4,33	4,31	4,28	4,28	4,25	4,25
	ηs,h	%	169,8	167,8	170,2	169,5	168,2	168,3	167,0	167,0
	Operating temperature range (DB)	°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C
Connectable Indoor Units	Total Capacity Index ⁽³⁾	-	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%
	Max quantity	-	64	64	64	64	64	64	64	64
Compressor	Type		DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Quantity	-	3	3	3	3	4	4	4	4
Refrigerant	Factory charge	kg	9,3+11,96	9,3+11,96	11,96+11,96	11,96+11,96	11,96+11,96	11,96+11,96	11,96+11,96	11,96+11,96
	CO ₂ equivalence	tonne	44,39	44,39	49,95	49,95	49,95	49,95	49,95	49,95
Pipe connections	Liquid	mm	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1	Φ19,1
	Gas	mm	Φ31,8	Φ21,96	Φ38,1	Φ41,3	Φ41,3	Φ41,3	Φ41,3	Φ41,3
Fan motor	Quantity	-	4	4	4	4	4	4	4	4
	Static pressure	Pa	20-120	20-120	20-120	20-120	20-120	20-120	20-120	20-120
Dimensions (Length x Height x Depth)	Unit1	mm	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1340×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825
	Unit2	mm	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825	1880×1760 ×825
Weight		kg	277+410	277+410	297+410	297+410	373+410	410+410	410+410	410+410
Air flow rate		m ³ /h	50000	50000	49500	49500	57000	56000	56000	56000
Sound power level ⁽⁴⁾		dB(A)	94	94	94	96	96	96	96	96
Power supply		V/Ph/Hz	380-415/3~/50+N							

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SEER and SCOP according EN14825 regulation

Outdoor units in modular combination are excluded from the scope of Eurovent certification program.

(1) Indoor air temperature 27°C DB/19°C WB; Outdoor air temperature 35°C DB/24°C WB. Equivalent piping length 5m with zero level difference.

(2) Indoor air temperature 20°C DB/15°C WB; Outdoor air temperature 7°C DB/6°C WB. Equivalent piping length 5m with zero level difference.

(3) Total Capacity Index = indoor unit total capacity/outdoor unit capacity

(4) Sound levels are measured in a semi-anechoic chamber, 1 m in front of the unit and 1.3 m off the floor



VRF CVT8

Size		CVT8-X	1860T	1915T	1965T	2020T	2070T	2130T	2185T	2245T
Capacity		HP	66	68	70	72	74	76	78	80
Combinations		HP	14+20+32	16+20+32	14+24+32	16+24+32	18+24+32	22+22+32	22+24+32	24+24+32
Cooling ⁽¹⁾	Capacity	kW	186,0	191,0	197,0	202,0	207,0	213,0	218,5	224,5
	SEER	-	6,55	6,50	6,39	6,35	6,39	6,44	6,33	6,22
	η _{s,c}	%	258,90	256,82	252,79	251,14	252,50	254,49	250,01	245,89
	Operating temperature range (DB)	°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C
Heating ⁽²⁾	Capacity (Nominal/Max)	kW	186,0/208	191,0/213	197,0/220	202,0/225	207,0/231	213,0/238	218,5/244	224,5/250
	SCOP	-	4,29	4,30	4,33	4,33	4,35	4,36	4,35	4,34
	η _{s,h}	%	168,78	168,97	170,13	70,28	170,80	171,53	171,02	170,54
	Operating temperature range (DB)	°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C
Connectable Indoor Units	Total Capacity Index ⁽³⁾	-	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%
	Max quantity	-	64	64	64	64	64	64	64	64
Compressor	Type	-	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Quantity	-	4	4	4	4	4	4	4	4
Refrigerant	Factory charge	kg	8+9,3+11,96	8+9,3+11,96	8+11,6+11,96	8+11,6+11,96	9,3+2x11,96	3x11,96	3x11,96	3x11,96
	CO ₂ equivalence	tonne	61,40	61,40	66,65	66,65	69,37	74,92	74,92	74,92
Pipe connections	Liquid	mm	Φ19,1	Φ22,2	Φ22,2	Φ22,2	Φ22,2	Φ22,2	Φ22,2	Φ22,2
	Gas	mm	Φ41,3	Φ44,5	Φ44,5	Φ44,5	Φ44,5	Φ44,5	Φ44,5	Φ44,5
Fan motor	Quantity	-	5	5	5	5	6	6	6	6
	Static pressure	Pa	20-120	20-120	20-120	20-120	20-120	20-120	20-120	20-120
Dimensions (Length x Height x Depth)	Unit1	mm	940×1760×825	940×1760×825	940×1760×825	940×1760×825	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825
	Unit2	mm	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825
	Unit3	mm	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825
Weight		kg	218+277+410	218+277+410	218+297+410	218+297+410	277+297+410	297+297+410	297+297+410	297+297+410
Air flow rate		m ³ /h	65600	65600	65100	65100	71500	71000	71000	71000
Sound power level ⁽⁴⁾		dB(A)	95	95	96	96	96	96	96	97
Power supply		V/Ph/Hz	380-415/3~/50+N							



VRF CVT8

Size		CVT8-X	2300T	2360T	2415T	2470T	2530T	2585T	2650T	2700T
Capacity		HP	82	84	86	88	90	92	94	96
Combinations		HP	18+32+32	20+32+32	22+32+32	24+32+32	26+32+32	28+32+32	30+32+32	32+32+32
Cooling ⁽¹⁾	Capacity	kW	230,0	236,0	241,5	247,0	253,0	258,5	265,0	270,0
	SEER	-	6,30	6,26	6,25	6,16	6,02	6,20	6,15	6,11
	η _{s,c}	%	249,04	247,43	247,01	243,42	232,69	244,81	243,17	241,40
	Operating temperature range (DB)	°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C	-15°C ~55°C
Heating ⁽²⁾	Capacity (Nominal/Max)	kW	230,0/256	236,0/263	241,5/269	247,0/275	253,0/281,5	258,5/287,5	265,0/295	270,0/300
	SCOP	-	4,29	4,26	4,30	4,29	4,27	4,27	4,25	4,25
	η _{s,h}	%	168,68	167,47	168,97	168,59	167,80	167,84	167,00	167,00
	Operating temperature range (DB)	°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C	-30°C ~30°C
Connectable Indoor Units	Total Capacity Index ⁽³⁾	-	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%	50%-130%
	Max quantity	-	64	64	64	64	64	64	64	64
Compressor	Type	-	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
	Quantity	-	6	6	6	6	6	6	6	6
Refrigerant	Factory charge	kg	9,3+2x11,96	9,3+2x11,96	3x11,96	3x11,96	3x11,96	3x11,96	3x11,96	3x11,96
	CO ₂ equivalence	tonne	69,37	69,37	74,92	74,92	74,92	74,92	74,92	74,92
Pipe connections	Liquid	mm	Φ22,2	Φ25,4	Φ25,5	Φ25,6	Φ25,7	Φ25,8	Φ25,9	Φ25,10
	Gas	mm	Φ44,5	Φ50,8	Φ50,9	Φ50,10	Φ50,11	Φ50,12	Φ50,13	Φ50,14
Fan motor	Quantity	-	6	6	6	6	6	6	6	6
	Static pressure	Pa	20-120	20-120	20-120	20-120	20-120	20-120	20-120	20-120
Dimensions (Length x Height x Depth)	Unit1	mm	1340×1760×825	1340×1760×825	1340×1760×825	1340×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825
	Unit2	mm	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825
	Unit3	mm	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825	1880×1760×825
Weight		kg	277+410+410	277+410+410	297+410+410	297+410+410	373+410+410	410+410+410	410+410+410	410+410+410
Air flow rate		m ³ /h	78000	78000	77500	77500	85000	84000	84000	84000
Sound power level ⁽⁴⁾		dB(A)	97	97	97	97	98	98	98	98
Power supply		V/Ph/Hz	380-415/3~/50+N							

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