



XCT8™



VRF with the power of

Engineered with Advanced
Japanese Technology



XCT8 The VRF with the power of 8

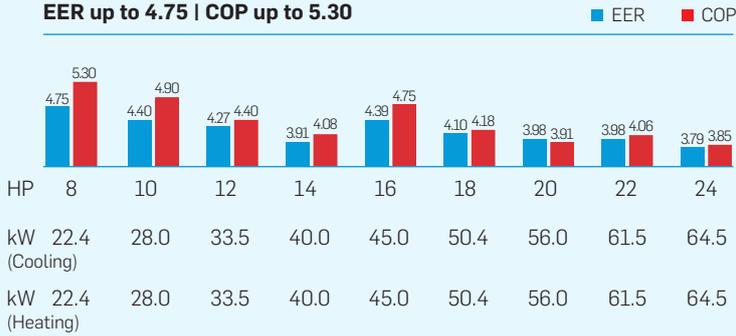
Carrier is introducing the new range of highly efficient and flexible VRF, designed for easy installation and service. Ranging from capacities between 3-120HP, the Carrier XCT8 is power packed with 8 key features that make this the suitable choice for homes and businesses.

1 High Efficiency & Low Operation Cost

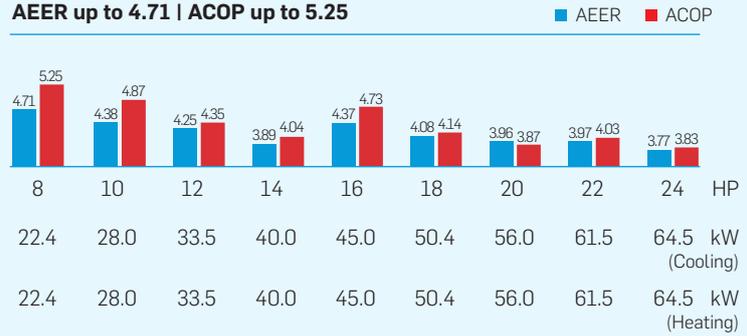
Open your spaces to greater energy efficiency and performance with the latest Carrier XCT8 range that is built with new and improved, highly efficient core technologies.



EER up to 4.75 | COP up to 5.30



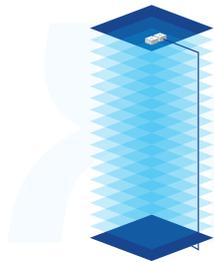
AEER up to 4.71 | ACOP up to 5.25



*Efficiency of Carrier XCT8 Heat Recovery VRF

2 Excellent Piping Flexibility

Carrier XCT8 is designed for high installation flexibility with long piping length and high lift to suit building designs and thus optimize the installation cost.



Installation Flexibility

1,200m max Total piping length	90m max Farthest piping length from 1st branch	50m max Real length between Flow Selector unit and indoor unit
110m max* High piping lift	250m max Farthest equivalent piping length	

*Applicable to Heat Pump VRF

3 Free Combination Outdoor Unit Patterns

A total of 3,000 combination patterns are available!

The Carrier XCT8 range is designed to be the ideal VRF choice for your buildings with free outdoor unit combination patterns that deliver balanced consideration of both efficiency and footprint.

Combination examples for Carrier XCT8

Total 36 combinations for 44HP Heat Pump VRF



Standard (space-saving)

EER: 3.18
COP: 3.72

Width 2,600mm



Highest efficiency

EER: 4.40
COP: 4.74

Width 5,030mm



Balance (moderate)

EER: 3.71
COP: 4.27

Width 3,610mm



Increased heating capacity

EER: 3.19
COP: 3.41

Width 2,600mm



Balance (space-saving)

EER: 3.38
COP: 4.04

Width 3,310mm



Balance efficiency

EER: 3.93
COP: 4.48

Width 4,020mm

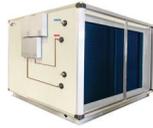
*Free combination is a feature of the Carrier XCT8 Heat Pump and Heat Recovery VRF

4

Improved Indoor Air Quality



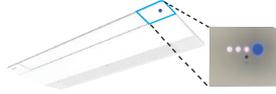
PM 2.5 Filter



DX AHU



Air Purifier Kit



Air Quality Indicator

Healthy Buildings Solution

Our Carrier XCT8 VRF is built to prioritize the health and well-being of building occupants. Its DX AHU integration allows for more fresh air to enter the building with efficient filtration enabled by a pairing of HEPA filter and UV Lamp. XCT8 includes an Air Purifier Kit solution complete with plasma air purifier and air quality indicator. Additionally, PM 2.5 Filter options are available for indoor Cassette units.

5

Wide Indoor Unit Connectivity



Carrier XCT8 VRF system delivers outstanding connectivity for indoor units, supporting a wide range of project requirements. With the ability to accommodate various indoor unit types and sizes, the system is engineered to optimize coverage and performance for any building layout.

Extensive System Integration



Broad indoor capacity range from **0.9kW to 56kW** for various indoor unit types



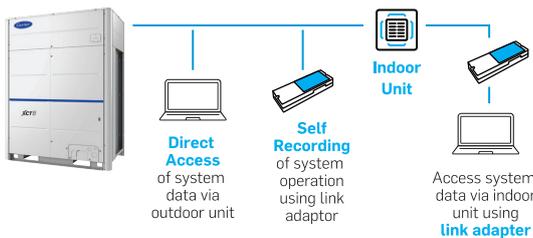
Up to **200% diversity ratio** for efficient system utilization



Connect up to **128 indoor units** for extensive installation

6

Easy Troubleshooting



Carrier XCT8 enables you to connect the link adaptor to indoor unit or outdoor unit for technician safety, comfort and time-saving convenience during service commissioning and maintenance in any weather condition.

Continuous Heating Technology



HEATING CONTINUOUS HEATING HEATING

In a multi-module system, the XCT8 VRF ensures consistent heating even during external defrost operations. The advanced Kobetsu and Renkei comfort control defrost technology integrated into the heat pump enable indoor unit operations with minimal capacity output reduction. This results in a continuous stream of warm air to ensure maximum comfort.

8

Compact Footprint

Carrier XCT8's outdoor units enable you to experience space efficiency with their compact design. For example, a 24HP outdoor unit would consume a mere space of 1m². Our range with different capacities is not only engineered to deliver enhanced efficiency, but also to occupy minimal space.



XCT8 The complete VRF lineup

Engineered with Advanced Japanese Technology



Standard VRF – Heat Pump

38VT0-88HTSG

HP	8	10	12	14	14A	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62
kW (Cooling)	22.4	28.0	33.5	40.0	40.0	45.0	50.4	56.0	61.5	67.0	73.5	80.0	83.9	89.5	96.0	100.5	107.0	112.0	117.4	123.0	128.5	134.0	140.5	147.0	152.0	156.5	163.0	167.5	174.0
kW (Heating)	25.0	31.5	37.5	40.0	45.0	50.0	56.0	63.0	69.0	69.0	77.5	80.0	93.5	100.5	103.0	106.5	109.0	126.0	125.0	132.0	138.0	138.0	146.5	149.0	166.0	169.5	172.0	175.5	178.0
No. of ODU module(s)	1				1						2										3								

HP	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120
kW (Cooling)	179.0	184.5	190.0	195.5	201.0	207.5	214.0	219.0	223.5	230.0	234.5	241.0	246.0	251.5	257.0	262.5	268.0	274.5	281.0	286.0	290.5	297.0	301.5	308.0	313.0	318.5	324.0	329.5	335.0
kW (Heating)	195.0	201.0	201.0	207.0	207.0	215.5	218.0	235.0	238.5	241.0	244.5	247.0	264.0	270.0	270.0	276.0	276.0	284.5	287.0	304.0	307.5	310.0	313.5	316.0	333.0	339.0	339.0	345.0	345.0
No. of ODU module(s)	3						4										5												



Standard VRF – Heat Recovery

38VT0-88QTSG

HP	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60
kW (Cooling)	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	64.5	73.5	80.0	84.0	89.5	96.0	101.0	106.4	112.0	120.0	124.0	129.5	136.0	140.0	145.5	152.0	157.0	162.4	168.0
kW (Heating)	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	64.5	73.5	80.0	84.0	89.5	96.0	101.0	106.4	112.0	120.0	124.0	129.5	136.0	140.0	145.5	152.0	157.0	162.4	168.0
No. of ODU module(s)	1				1						2										3						

Mini VRF – Heat Pump

38VS00-181HCSG, 38VS00-188HCEE

HP	3		4		5		6		4		5		6		8	
kW (Cooling)	8.0		11.2		14.0		15.5		12.1		14.0		15.5		22.4	
kW (Heating)	9.0		12.5		16.0		17.0		12.5		16.0		18.0		22.4	
Mini ODU	Compact						High Performance									

XCT.8 The range of indoor units

Model	HP	0.3	0.6	0.8	1.0	1.25	1.7	2.0	2.5	3.0	3.2	4.0	5.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0	
	kW (Cooling)	0.9	1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0	34.0	40.0	45.0	50.4	56.0	
	kW (Heating)	1.0	1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5						
4-Way Cassette (High Performance) 40VU-H-8S-JEE					●	●	●	●	●	●	●	●	●	●								
4-Way Cassette 40VU-S-8S-TEE					●	●	●	●	●	●	●	●	●	●								
Compact 4-Way Cassette 40VU-C-8S-TEE			●	●	●	●	●	●														
1-Way Cassette 40VU-1-8S-TEE		●	●	●	●	●	●	●	●													
Slim Duct 40VD-MP8S-CEE		●	●	●	●	●	●	●	●													
Concealed Ducted 40VD-S-8S-TEE			●	●	●	●	●	●	●	●	●	●	●	●								
Concealed Ducted (High Static Pressure) 40VD-H-8S-TEE								●	●	●		●	●	●	●	●						
Fresh Air Intake 40VD-A-8S-TEE													●		●	●	●	●				
Ceiling 40VC-S-8S3TEE							●	●	●	●		●	●	●								
Hi-Wall 40VK-S-8S-TEE		●	●	●	●	●	●	●	●	●	●	●										
Heat Recovery Ventilation Unit 40VH-A-8S-CEE		42-556 l/s (150-2000m3/h)																				
DX Coil Interface Advance 40VAM-C8FATEE & 40VA-V8-ATEE															●	●	●	●	●	●	●	●

Controls



Wireless Remote Control



40VCW21-8-CEE



40VCW56-8-JEE



40VCC73-8FJEE

Central Touch Screen Controller



40VCBM1-8FJEE

Gateway (Modbus, BACnet)



40VCBB1-8FJEE



40VCIWF0010UCPE

Wi-Fi Interface



For more details, please get in touch with us:

Call Center No.: 1300 130 750 | E-mail: VRFAustralia@carrier.com | Website: <https://carrier.com/commercial/en/au>

This catalogue provides certain general information and is intended for general guidance only. Carrier is not liable for any damage arising out of the use of the catalogue.

The Manufacturer reserves the right to change any product specification without prior notice. All Proprietary Rights Reserved by Carrier.

©2025 Carrier. All Rights Reserved.