



XCT8™



VRF with the power of

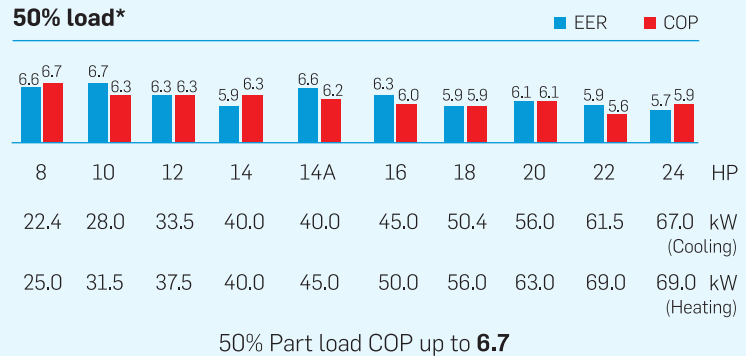
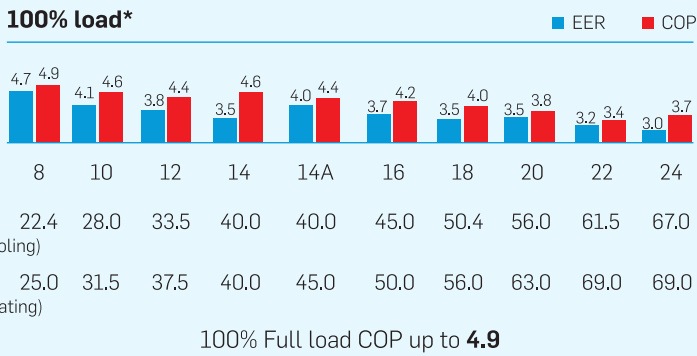


XCT8 The VRF with the power of 8

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

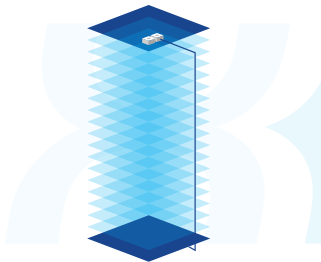
Open your spaces to greater energy efficiency and performance with the latest Carrier XCT8 range that is built with new and improved, highly efficient core technologies.



*Efficiency of Carrier XCT8 Heat Pump VRF

2 Free combination ODU patterns

The Carrier XCT8 is designed to be the preferred VRF choice for your buildings with free combination ODU patterns that deliver a balanced consideration of both footprint and efficiency. What's more, its long piping length and lift offer design and installation flexibility to suit your building designs, thereby optimizing installation costs.



Combination Flexibility

3,000 combination patterns
Free combinations

Installation Flexibility

1,200m max
Long piping length
110m max
High piping lift

Design Flexibility

Max 200% combination ratio
High diversity
0.9–56kW
Large indoor unit lineup

Free Combinations

The unit combination can be arranged to follow the installation site's requirements.

Combination examples for Carrier XCT8

Total 36 combinations for 44HP

A total of **3,000 combination patterns** are available!



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

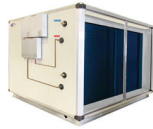
*Free combination is a feature of the Carrier XCT8 Heat Pump VRF

3

Improved indoor air quality



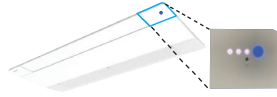
PM 2.5 Filter



DX AHU



Air Purifier Kit



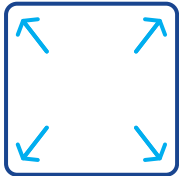
Air Quality Indicator

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.

4

Large ODU capacity*



Large System Capacity

120HP max. with 5 condensing unit connections.

*Applicable to Heat Pump only

8

Easy to troubleshoot*



Direct Access
of system data via outdoor unit

Self Recording
of system operation using link adaptor

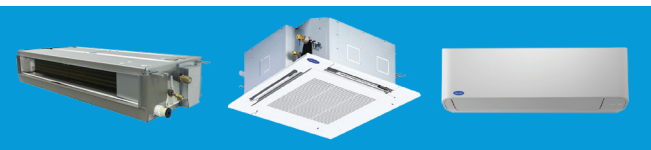
Indoor Unit
Access system data via indoor unit using link adaptor

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

*Applicable to Heat Pump only

6

Broad indoor capacity range



With a broad capacity range of 0.9kW to 56kW, the Carrier XCT8 range of VRF can not only be customized, but also connected with different kinds of Cassettes, Ducted, Ceiling or Hi-Wall indoor units. Here's a range that offers wide applicability across hotels, offices and other commercial spaces.

8

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.

*Applicable to Heat Pump only



XCT8 The complete VRF lineup

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

38VT0-88RTSG



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
kW (Cooling)	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	68.0	73.5	80.0	85.0	90.4	95.4	100.8	106.4	112.0	120.0	125.0	130.4	135.4	140.8	145.8	151.2
kW (Heating)	22.4	28.0	33.5	40.0	45.0	50.4	56.0	61.5	68.0	73.5	80.0	85.0	90.4	95.4	100.8	106.4	112.0	120.0	125.0	130.4	135.4	140.8	145.8	151.2
No. of ODU module(s)	1		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							



For more details, please get in touch with us:

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