



CARRIER **XCT⁷**
VRF SYSTEMS

PRICE PAGES

March 2022



Welcome to AHI CARRIER EUROPE team!

AHI CARRIER EUROPE represents the commercial activities of **AHI CARRIER FZC** in Southeastern and Central Europe. Is responsible for the disposal and distribution of products **Heating, Ventilation, Cooling and Air Conditioning (HVAC)** of **Carrier Corporation**.

AHI CARRIER EUROPE consists of a region of 15 countries with Headquarters in Athens and affiliated offices in Sofia, Bucharest, Vienna, and Prague.

We provide high quality products and services, in accordance with all international regulations, always taking care of their immediate and safe delivery.

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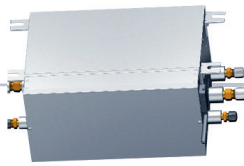
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A TOTAL SYSTEM SOLUTION

Unlike other HVAC solutions, VRF is a closed-loop system - not just components. This means you get a complete solution from the start with the confidence that everything will work seamlessly together.

Variable Refrigerant Flow (VRF) systems are large-scale ductless HVAC systems performing at high capacity. VRF technology has the unmatched ability for multiple indoor units or zones to operate on the same outdoor system.

It is a multi-outdoor-units solution that carefully computes the precise amount of refrigerant required by each indoor unit to achieve individualized temperature control for each comfort zone.

Thanks to its flexibility, VRF systems can be customized to meet the specific demands of any project. It controls the refrigerant flow according to the heat load requirement to avoid over cooling or heating effectively.

WHY CHOOSE VRF SYSTEMS?



FLEXIBILITY Whether you're looking to maximize comfort in a new building or retrofit an existing one, VRF systems join design flexibility with potential energy savings.



EFFICIENCY VRF systems use minimal ductwork, and sometimes none (depending on the application). This makes installation and maintenance easier, and precisely matches power requirements to eliminate any energy waste associated with central duct systems.



PERFORMANCE System performance is significantly enhanced because of the heat transfer properties of refrigerant over other mediums, while the zone temperature control brings ideal comfort.



Carrier XCT7

The new XCT7, Variable (X) Comfort Technology, is the 7th generation of our VRF system that proudly represents Carrier's world leading innovation, technology and unyielding commitment to energy saving.

Carrying forth the legacy that shaped the climate control industry, Carrier's VRF systems have always delivered optimal comfort and performance that can be scaled to meet climate control needs, all the way from a small single-family residence to a commercial high-rise building. We're determined to make global impacts again with the XCT7 – a VRF system that provides unmatched advantages of high reliability, peak performance, enhanced efficiency, longer lifespan, optimal user experience and easy operation.



Ultimate Reliability



Enhanced System Performance



High-Efficiency



Large Operating Range



Easy Installation



Incredible Flexibility



Wide Range of Options

XCT⁷ Special Features



One Button Trial Operation

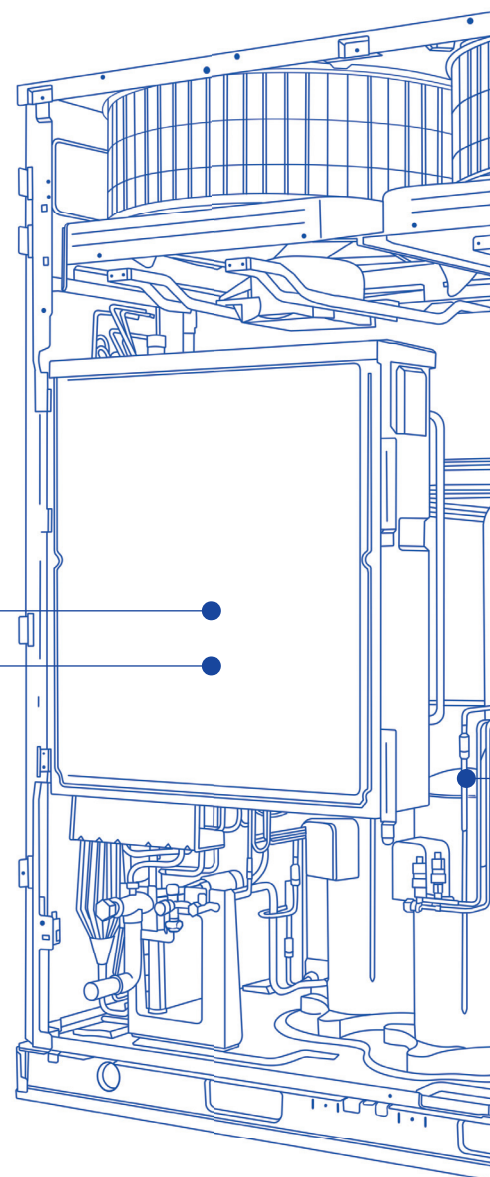
You only need to press the outdoor PCB button once to initiate the trial operation mode instead of starting indoor units one by one.

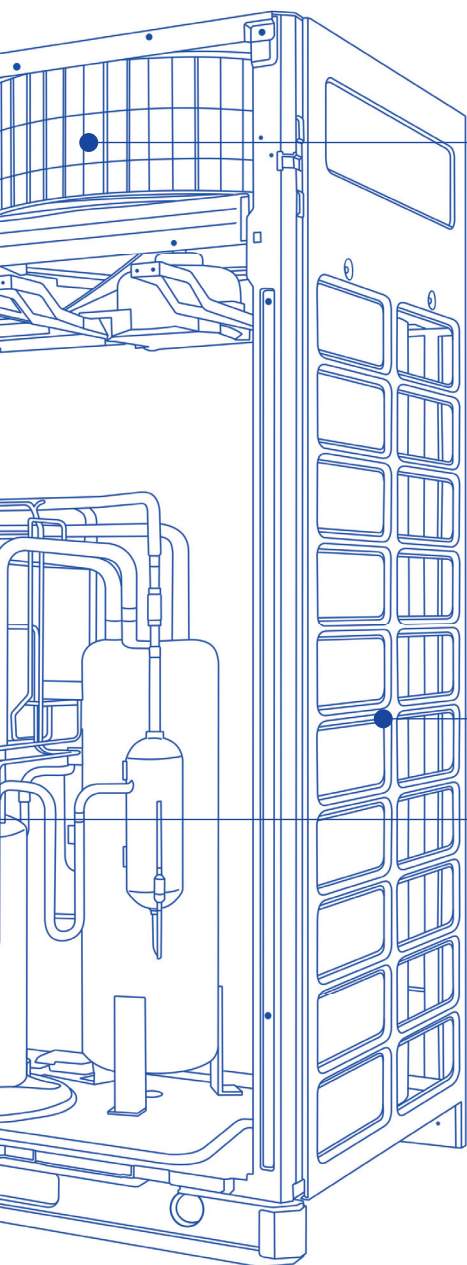
Save up to 10% of trial operation time with this unique function for both cooling/heating modes.



Less Brazing Refrigerant Accessories

The refrigerant piping accessories are pre-fitted with multiple diameters for you to simply cut depending on your needs.





High Efficiency Outdoor Fan & Dc Inverter Stepless Fan Motor

The fan adopts an aerodynamic design for low noise and high efficiency.

The outdoor fan motor adopts unique stepless inverter regulation technology, which coordinates with the stepless inverter compressor.



Advanced black-coated fin Technology

The unique advanced black-coated fin technology on the outdoor condenser enhances corrosion resistance and provides stronger protection from air pollution and salt contamination to achieve maximum system reliability.



Advanced Separator

Our advanced separator enhances heat exchanger performance, improves refrigerant distribution balance, and increases overall system efficiency.

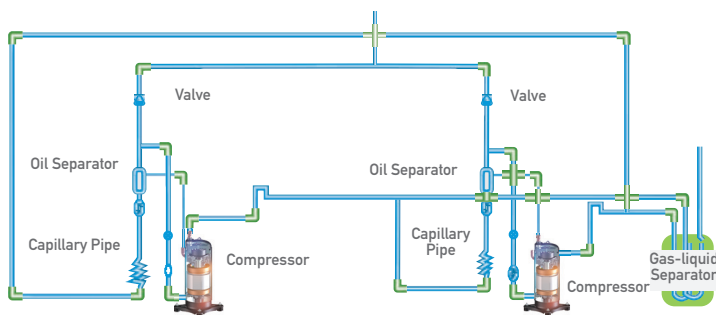


XCT⁷ Special Features



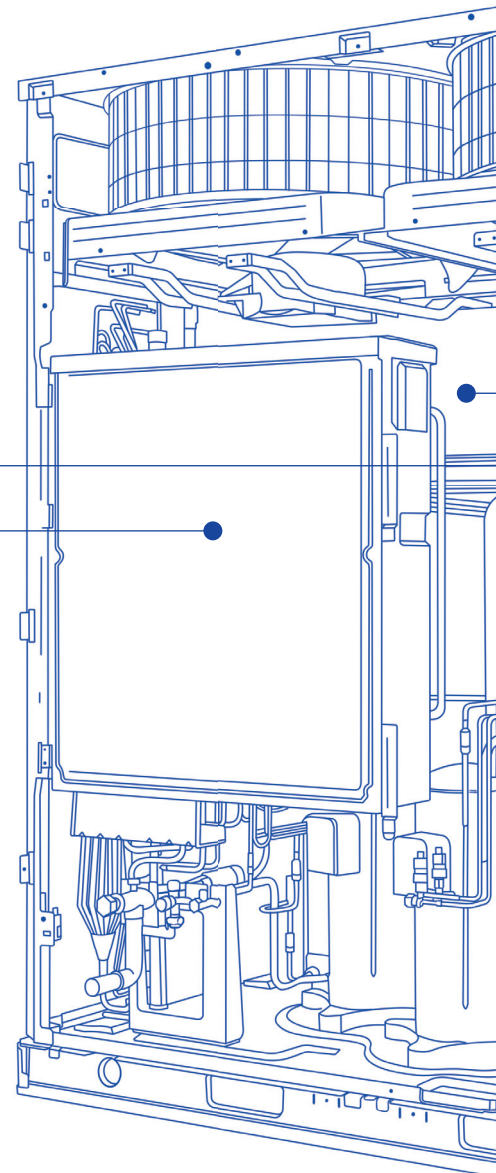
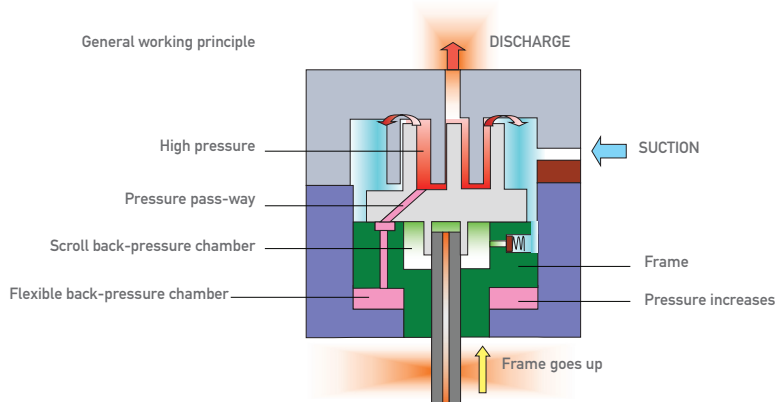
Reliable Multi-layer Oil Return Technology

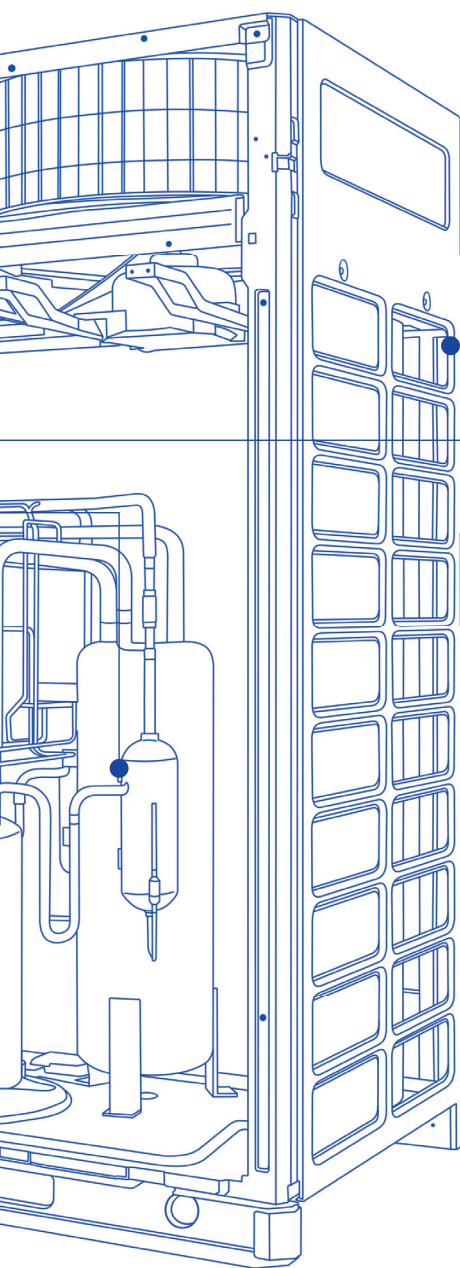
Our 10-stage oil return technology, as compared to the industry average of 5, ensures smooth lubricant oil supply to protect the compressor and system.



Advanced Compressor Anti-liquid shock Technology

With a soft scroll design, the anti-liquid shock technology ensures an effective unloading when the compressor's internal pressure is too large. It also assures reliable and efficient operation of the compressor by reducing friction and leakage loss and halving the liquid shock failure rate.





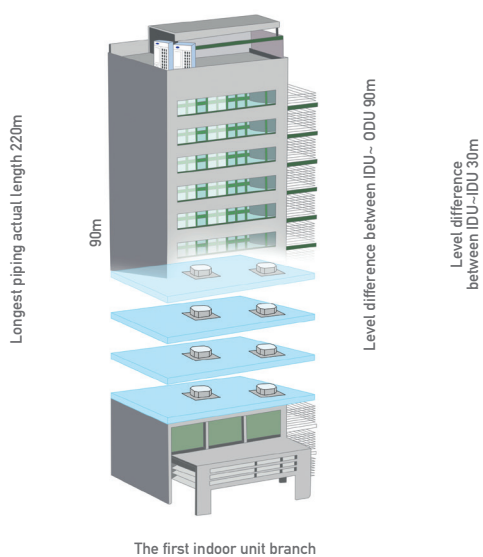
Easy Access

The design of the ODU is optimized to open to 120°, allowing complete access to internal system components.



Flexible Long Piping Length

The piping can go up to 1000 m in length and a maximum of 110 m in height, thereby allowing you to easily serve in high rise buildings.



TOP DISCHARGE



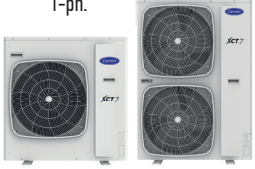
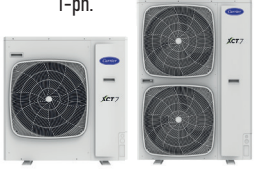


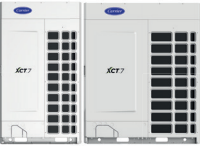
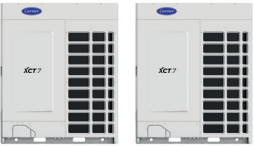
OUTDOOR UNITS

Handles heating and cooling with incredible efficiency and ensures continuous comfort indoors.

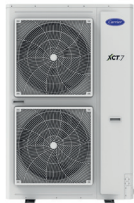
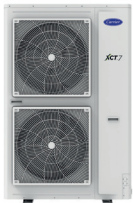
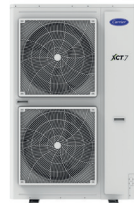


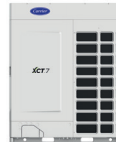
Outdoor Units Lineup

Line Up (HP)	4	5	6
kW	12,1	14,0	15,5
Side Discharge Heat Pump	1-ph. 1&3-ph. 	1-ph. 1&3-ph. 	1&3-ph. 

Line Up (HP)	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52
kW	25,2	28	33,5	40	45	50,4	56	61,5	68	73,5	80	85	90	95,4	100,8	106,4	112	117,5	123	129,5	136	141,5	147
Top Discharge Heat Pump up to 294 kW																							

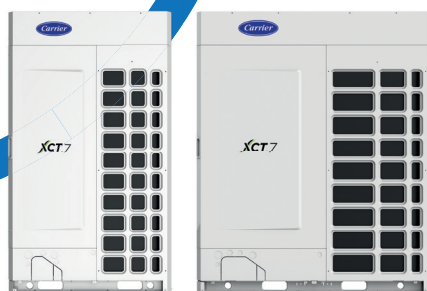
Line Up (HP)	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44
kW	22,4	28	33,5	40	45	50	56	60	67	73,5	80	85	90	95	100	106	112	116	120
Top Discharge Heat Pump up to 240 kW																			

8	10	12
22,6	28,0	31,5
3-ph. 	3-ph. 	3-ph. 

54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104
151,2	156,8	162,4	168	173,5	179	184,5	191	197,5	204	209,5	215	220,5	224	229,5	235	240,5	246	252,5	259	265,5	272	277,5	283	288,5	294
  													   												

46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88
130	135	140	145	150	156	162	168	172	176	180	190	195	200	206	212	218	224	228	232	236	240
  	  										   										

2-Pipe Heat Pump Outdoor Unit



Top Discharge Heat Pump

MODEL NAME Heat Pump	38VT	008173HQEE	010173HQEE	012173HQEE	014173HQEE	016173HQEE
Capacity Code	HP	8	10	12	14	16
Cooling capacity	kW	25,2	28	33,5	40	45
EER / SEER / η_{sc} (%)		4,04 / 7,25 / 287,0	3,80 / 7,09 / 281,0	3,60 / 6,69 / 265,0	3,35 / 6,60 / 261,0	3,40 / 6,36 / 251,0
Heating capacity	kW	25,2	28	33,5	40	45
COP / SCOP / η_{sh} (%)		4,40 / 4,50 / 177,0	4,30 / 4,40 / 173,0	4,22 / 4,40 / 173,0	4,00 / 4,20 / 165,0	4,00 / 4,00 / 157,0
Outdoor unit dimensions (HxWxD)	mm	1.690 x 980 x 750	1.690 x 980 x 750	1.690 x 980 x 750	1.690 x 980 x 750	1.690 x 980 x 750
Outdoor unit weight	Kg	224	224	224	224	224
Pipe Connection (Gas-Liquid)		3/4" - 3/8"	7/8" - 3/8"	1" - 1/2"	1" - 1/2"	1 1/8" - 1/2"
Refrigerant Base Charge	Kg	8,5	8,5	8,5	10	10
Power Supply	V/Ph/Hz	380 - 415 V / 3phase / 50Hz				
Manufacturer / Origin		USA / CHINA				

PRICE LIST

(Without recycling fees & VAT)	€	8.400	8.600	9.700	11.350	12.300
Recycling Fees (without VAT)	€	22,4	22,4	22,4	22,4	22,4

MODEL NAME Heat Pump	38VT	018173HQEE	020173HQEE	022173HQEE	024173HQEE	026173HQEE
Capacity Code	HP	18	20	22	24	26
Cooling capacity	kW	50,4	56	61,5	68	73,5
EER / SEER / η_{sc} (%)		3,21 / 6,78 / 268,0	3,37 / 6,75 / 267,0	3,36 / 6,54 / 259,0	3,10 / 5,97 / 236,0	2,97 / 5,68 / 224,0
Heating capacity	kW	50,4	56	61,5	68	73,5
COP / SCOP / η_{sh} (%)		3,82 / 4,23 / 166,2	3,82 / 4,29 / 168,6	3,70 / 4,30 / 169,0	3,50 / 4,25 / 167,0	3,30 / 3,80 / 149,0
Outdoor unit dimensions (HxWxD)	mm	1.690 x 1.410 x 750	1.690 x 1.410 x 750	1.690 x 1.410 x 750	1.690 x 1.410 x 750	1.690 x 1.410 x 750
Outdoor unit weight	Kg	287	370	370	370	370
Pipe Connection (Gas-Liquid)		1 1/8" - 5/8"	1 1/8" - 5/8"	1 1/8" - 5/8"	1 1/8" - 5/8"	1 1/8" - 5/8"
Refrigerant Base Charge	Kg	10	10	10	10	10
Power Supply	V/Ph/Hz	380 - 415 V / 3phase / 50Hz				
Manufacturer / Origin		USA / CHINA				

PRICE LIST

(Without recycling fees & VAT)	€	13.400	14.800	15.600	17.350	19.700
Recycling Fees (without VAT)	€	28,7	37,0	37,0	37,0	37,0

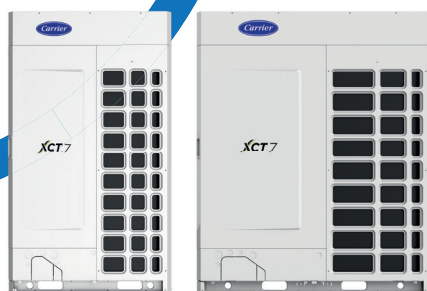


Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Outdoor units (Basic & Combinations)

System HP	Capacity rank (HP)	Cooling Capacity (kW)	Heating Capacity (kW)	Combined outdoor units (38VT-)				No of connectable indoor units
				UNIT 1	UNIT 2	UNIT 3	UNIT 4	
38VT-008173HQEE	8	25,2	25,2	8	-	-	-	13
38VT-010173HQEE	10	28,0	28,0	10	-	-	-	16
38VT-012173HQEE	12	33,5	33,5	12	-	-	-	20
38VT-014173HQEE	14	40,0	40,0	14	-	-	-	24
38VT-016173HQEE	16	45,0	45,0	16	-	-	-	27
38VT-018173HQEE	18	50,4	50,4	18	-	-	-	30
38VT-020173HQEE	20	56,0	56,0	20	-	-	-	33
38VT-022173HQEE	22	61,5	61,5	22	-	-	-	36
38VT-024173HQEE	24	67,0	67,0	24	-	-	-	40
38VT-026173HQEE	26	73,5	73,5	26	-	-	-	43
38VT-028S73HQEE	28	80,0	80,0	14	14	-	-	47
38VT-030S73HQEE	30	85,0	85,0	14	16	-	-	50
38VT-032S73HQEE	32	90,0	90,0	16	16	-	-	53
38VT-034S73HQEE	34	95,4	95,4	16	18	-	-	56
38VT-036S73HQEE	36	100,8	100,8	18	18	-	-	59
38VT-038S73HQEE	38	106,4	106,4	18	20	-	-	63
38VT-040S73HQEE	40	112,0	112,0	20	20	-	-	64
38VT-042S73HQEE	42	117,5	117,5	20	22	-	-	64
38VT-044S73HQEE	44	123,0	123,0	22	22	-	-	64
38VT-046S73HQEE	46	129,5	129,5	22	24	-	-	64
38VT-048S73HQEE	48	136,0	136,0	24	24	-	-	64
38VT-050S73HQEE	50	141,5	141,5	24	26	-	-	64
38VT-052S73HQEE	52	147,0	147,0	26	26	-	-	64
38VT-054S73HQEE	54	151,2	151,2	18	18	18	-	64
38VT-056S73HQEE	56	156,8	156,8	18	18	20	-	64
38VT-058S73HQEE	58	162,4	162,4	18	20	20	-	64
38VT-060S73HQEE	60	168,0	168,0	20	20	20	-	64
38VT-062S73HQEE	62	173,5	173,5	22	20	20	-	64
38VT-064S73HQEE	64	179,0	179,0	22	22	20	-	64
38VT-066S73HQEE	66	184,5	184,5	22	22	22	-	64
38VT-068S73HQEE	68	191,0	191,0	22	22	24	-	64
38VT-070S73HQEE	70	197,5	197,5	22	24	24	-	64
38VT-072S73HQEE	72	204,0	204,0	24	24	24	-	64
38VT-074S73HQEE	74	209,5	209,5	26	24	24	-	64
38VT-076S73HQEE	76	215,0	215,0	26	26	24	-	64
38VT-078S73HQEE	78	220,5	220,5	26	26	26	-	64
38VT-080S73HQEE	80	224,0	224,0	20	20	20	20	64
38VT-082S73HQEE	82	229,5	229,5	20	20	20	22	64
38VT-084S73HQEE	84	235,0	235,0	20	20	22	22	64
38VT-086S73HQEE	86	240,5	240,5	20	22	22	22	64
38VT-088S73HQEE	88	246,0	246,0	22	22	22	22	64
38VT-090S73HQEE	90	252,5	252,5	24	22	22	22	64
38VT-092S73HQEE	92	259,0	259,0	24	24	22	22	64
38VT-094S73HQEE	94	265,5	265,5	24	24	24	22	64
38VT-096S73HQEE	96	272,0	272,0	24	24	24	24	64
38VT-098S73HQEE	98	277,5	277,5	26	24	24	24	64
38VT-100S73HQEE	100	283,0	283,0	26	26	24	24	64
38VT-102S73HQEE	102	288,5	288,5	26	26	26	24	64
38VT-104S73HQEE	104	294,0	294,0	26	26	26	26	64

3-Pipe Heat Pump Outdoor Unit



Top Discharge Heat Recovery

MODEL NAME Heat Pump	38VT	008173RQEE	010173RQEE	012173RQEE	014173RQEE
Capacity Code	HP	8	10	12	14
Cooling capacity	kW	22,4	28	33,5	40
EER / SEER / η_{sc} (%)		3,98 / 7,05 / 279,0	3,65 / 6,68 / 264,0	3,50 / 6,58 / 260,0	3,25 / 6,37 / 252,0
Heating capacity	kW	22,4	28	33,5	40
COP / SCOP / η_{sh} (%)		4,35 / 4,02 / 158,0	4,20 / 3,94 / 155,0	4,00 / 4,08 / 160,0	3,80 / 3,86 / 151,0
Outdoor unit dimensions (HxWxD)	mm	1.690 x 980 x 750	1.690 x 980 x 750	1.690 x 980 x 750	1.690 x 980 x 750
Outdoor unit weight	Kg	246	246	257	257
Pipe Connection (Suction-Discharge-Liquid)		3/4" - 3/4" - 3/8"	7/8" - 3/4" - 3/8"	1" - 7/8" - 1/2"	1" - 7/8" - 1/2"
Refrigerant Base Charge	Kg	10	10	10	10
Power Supply	V/Ph/Hz	380 – 415 V / 3phase / 50Hz			
Manufacturer / Origin	USA / CHINA				
PRICE LIST					
(Without recycling fees & VAT)	€	10.000	10.200	12.400	13.800
Recycling Fees (without VAT)	€	24,6	24,6	25,7	25,7

MODEL NAME Heat Pump	38VT	016173RQEE	018173RQEE	020173RQEE	022173RQEE
Capacity Code	HP	16	18	20	22
Cooling capacity	kW	45	50	56	60
EER / SEER / η_{sc} (%)		3,20 / 6,86 / 271,0	3,10 / 6,48 / 256,0	3,25 / 5,90 / 233,0	3,00 / 5,74 / 227,0
Heating capacity	kW	45	50	56	60
COP / SCOP / η_{sh} (%)		3,95 / 4,21 / 165,0	3,86 / 3,99 / 157,0	3,55 / 3,93 / 154,0	3,35 / 3,76 / 147,0
Outdoor unit dimensions (HxWxD)	mm	1.690 x 1.410 x 750	1.690 x 1.410 x 750	1.690 x 1.410 x 750	1.690 x 1.410 x 750
Outdoor unit weight	Kg	366	366	375	375
Pipe Connection (Sunction - Discharge - Liquid)		1 1/8" - 1" - 1/2"	1 1/8" - 1" - 5/8"	1 1/8" - 1" - 5/8"	1 1/8" - 1" - 5/8"
Refrigerant Base Charge	Kg	10	10	10	10
Power Supply	V/Ph/Hz	380 – 415 V / 3phase / 50Hz			
Manufacturer / Origin	USA / CHINA				
PRICE LIST					
(Without recycling fees & VAT)	€	16.100	17.200	18.320	19.600
Recycling Fees (without VAT)	€	36,6	36,6	37,5	37,5



Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Outdoor units (Basic & Combinations)

System HP	Capacity rank (HP)	Cooling Capacity (kW)	Heating Capacity (kW)	Combined outdoor units (38VT-)				No of connectable indoor units
				UNIT 1	UNIT 2	UNIT 3	UNIT 4	
38VT-008173RQEE	8	22,4	22,4	8	-	-	-	13
38VT-010173RQEE	10	28,0	28,0	10	-	-	-	16
38VT-012173RQEE	12	33,5	33,5	12	-	-	-	20
38VT-014173RQEE	14	40,0	40,0	14	-	-	-	24
38VT-016173RQEE	16	45,0	45,0	16	-	-	-	27
38VT-018173RQEE	18	50,4	50,4	18	-	-	-	30
38VT-020173RQEE	20	56,0	56,0	20	-	-	-	33
38VT-022173RQEE	22	61,5	61,5	22	-	-	-	36
38VT-024173RQEE	24	67,0	67,0	12	12	-	-	40
38VT-026173RQEE	26	73,5	73,5	12	14	-	-	43
38VT-028S73RQEE	28	80,0	80,0	14	14	-	-	47
38VT-030S73RQEE	30	85,0	85,0	14	16	-	-	50
38VT-032S73RQEE	32	90,0	90,0	16	16	-	-	53
38VT-034S73RQEE	34	95,0	95,0	16	18	-	-	56
38VT-036S73RQEE	36	100,0	100,0	18	18	-	-	59
38VT-038S73RQEE	38	106,0	106,0	18	20	-	-	63
38VT-040S73RQEE	40	112,0	112,0	20	20	-	-	64
38VT-042S73RQEE	42	116,0	116,0	20	22	-	-	64
38VT-044S73RQEE	44	120,0	120,0	22	22	-	-	64
38VT-046S73RQEE	46	130,0	130,0	14	16	16	-	64
38VT-048S73RQEE	48	135,0	135,0	16	16	16	-	64
38VT-050S73RQEE	50	140,0	140,0	16	16	18	-	64
38VT-052S73RQEE	52	145,0	145,0	16	18	18	-	64
38VT-054S73RQEE	54	150,0	150,0	18	18	18	-	64
38VT-056S73RQEE	56	156,0	156,0	18	18	20	-	64
38VT-058S73RQEE	58	162,0	162,0	18	20	20	-	64
38VT-060S73RQEE	60	168,0	168,0	20	20	20	-	64
38VT-062S73RQEE	62	172,0	172,0	20	20	22	-	64
38VT-064S73RQEE	64	176,0	176,0	20	22	22	-	64
38VT-066S73RQEE	66	180,0	180,0	22	22	22	-	64
38VT-068S73RQEE	68	190,0	190,0	16	16	18	18	64
38VT-070S73RQEE	70	195,0	195,0	16	18	18	18	64
38VT-072S73RQEE	72	200,0	200,0	18	18	18	18	64
38VT-074S73RQEE	74	206,0	206,0	18	18	18	20	64
38VT-076S73RQEE	76	212,0	212,0	18	18	20	20	64
38VT-078S73RQEE	78	218,0	218,0	18	20	20	20	64
38VT-080S73RQEE	80	224,0	224,0	20	20	20	20	64
38VT-082S73RQEE	82	228,0	228,0	20	20	20	22	64
38VT-084S73RQEE	84	232,0	232,0	20	20	22	22	64
38VT-086S73RQEE	86	236,0	236,0	20	22	22	22	64
38VT-088S73RQEE	88	240,0	240,0	22	22	22	22	64
38VT-090S73HQEE	90	252,5	252,5	24	22	22	22	64
38VT-092S73HQEE	92	259,0	259,0	24	24	22	22	64
38VT-094S73HQEE	94	265,5	265,5	24	24	24	22	64
38VT-096S73HQEE	96	272,0	272,0	24	24	24	24	64
38VT-098S73HQEE	98	277,5	277,5	26	24	24	24	64
38VT-100S73HQEE	100	283,0	283,0	26	26	24	24	64
38VT-102S73HQEE	102	288,5	288,5	26	26	26	24	64
38VT-104S73HQEE	104	294,0	294,0	26	26	26	26	64

2-Pipe Heat Pump Outdoor Unit

XCT7



Side Discharge Heat Pump

MODEL NAME Heat Pump	38VS	125C7SHQEE	140C7SHQEE	12117SHQEE	14017SHQEE	15517SHQEE
Capacity Code	HP	4	5	4	5	6
Cooling capacity	kW	12,1	14,0	12,1	14,0	15,5
EER / SEER / η_{sc} (%)		2,85 / 4,90 / 193,0	2,80 / 4,86 / 191,0	4,05 / 6,82 / 269,8	3,99 / 6,63 / 262,2	3,60 / 6,45 / 255,0
Heating capacity	kW	12,1	14,0	14,2	16,0	18,0
COP / SCOP / η_{sh} (%)		2,96 / 3,50 / 137,0	2,90 / 3,55 / 139,0	4,47 / 3,92 / 153,8	4,30 / 3,85 / 151,0	4,10 / 3,80 / 149,0
Outdoor unit dimensions (HxWxD)	mm	965 x 950 x 370	965 x 950 x 370	1.340 x 950 x 370	1.340 x 950 x 370	1.340 x 950 x 370
Outdoor unit weight	Kg	90	90	108	108	108
Pipe Connection (Gas-Liquid)		5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"
Refrigerant Base Charge	Kg	3,3	3,3	4	4	4
Power Supply	V/Ph/Hz	220 – 240 V / 1phase / 50Hz – 60Hz				
Manufacturer / Origin	USA / CHINA					

PRICE LIST

(Without recycling fees & VAT)	€	3.960	4.280	4.760	4.920	5.200
Recycling Fees (without VAT)	€	9,0	9,0	10,8	10,8	10,8

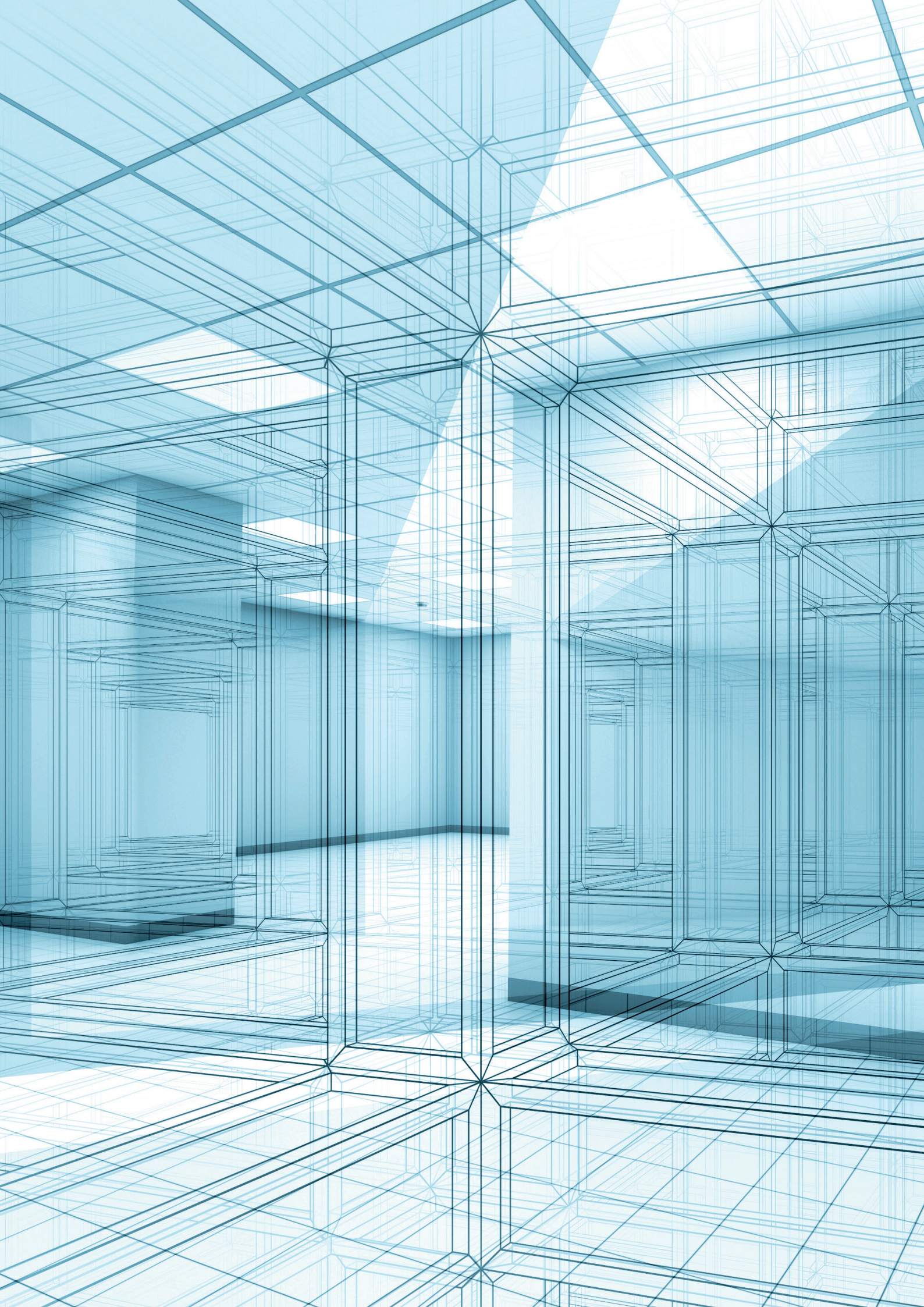
MODEL NAME Heat Pump	38VS	121173HQEE	140173HQEE	155173HQEE	226174HQEE	280174HQEE	335174HQEE
Capacity Code	HP	4	5	6	8	10	12
Cooling capacity	kW	12,1	14,0	15,5	22,6	28,0	31,5
EER / SEER / η_{sc} (%)		4,05 / 6,82 / 269,8	3,99 / 6,63 / 262,2	3,60 / 6,45 / 255,0	3,50 / 8,50 / 337,0	3,20 / 8,20 / 325,0	3,10 / 7,70 / 305,0
Heating capacity	kW	14,2	16,0	18,0	25,0	32,0	35,0
COP / SCOP / η_{sh} (%)		4,47 / 3,92 / 153,8	4,30 / 3,85 / 151,0	4,10 / 3,80 / 149,0	3,90 / 5,00 / 197,0	3,80 / 4,80 / 189,0	3,70 / 4,70 / 185,0
Outdoor unit dimensions (HxWxD)	mm	1.340 x 950 x 370	1.340 x 950 x 370	1.340 x 950 x 370	1636 x 1050 x 370	1636 x 1050 x 370	1636 x 1050 x 370
Outdoor unit weight	Kg	108	108	108	149	149	149
Pipe Connection (Gas-Liquid)		5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	3/4" - 3/8"	7/8" - 3/8"	1" - 1/2"
Refrigerant Base Charge	Kg	4	4	4	5,1	5,1	5,1
Power Supply	V/Ph/Hz	380 – 415 V / 3phase / 50Hz					
Manufacturer / Origin	USA / CHINA						

PRICE LIST

(Without recycling fees & VAT)	€	4.960	5.120	5.400	6.500	6.700	7.900
Recycling Fees (without VAT)	€	10,8	10,8	10,8	14,9	14,9	14,9



Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.



INDOOR UNITS

Handles heating and cooling with incredible efficiency and ensures continuous comfort indoors.





OFFICES



HOTELS



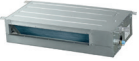
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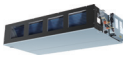


ADMINISTRATIONS

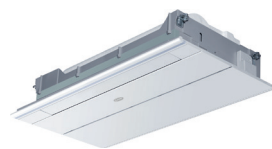


Benefits Glance Over

		CASSETTE				DUCT	
		ONE-WAY CASSETTE	TWO-WAY CASSETTE	COMPACT FOUR-WAY CASSETTE	ROUND-WAY CASSETTE	SLIM DUCT	STANDARD STATIC DUCT
Features							
		40VU*1-7E	40VU*2-7G	40VU*C-7S	40VU*R-7E	40VD*L-7E	40VD*S-7S
Comfortable	Washable filter included: • Ensures clean air • Extends the life of the fan	●	●	●	●	●	●
	Independent control of the air flow directions: • Flexible control for different needs • Ensures comfortable environment				●		
	Multi-gear air speed selection: • Meet different requirements of installation & usage	●	●	●	●	●	●
	Presence sensor (optional): • Automatically switches on & off when people come in & out • Energy conservation				● (Optional)		
	• Brushless DC motor: • Operation noise reduced	●		●	●	●	●
Aesthetic	• Streamlined design • Easily fits in with different interior designs	●	●		●		
	• Ultra-thin & compact design • Save ceiling space	●	●	●	●	●	●
Convenient	• Optional location of air return (front air return & back air return) • Friendly Installation					●	●
	Easy disassembly of the maintenance panel	●	●		●		
	• Adjustable static pressure • Flexible selection according to the actual installation					●	●
	• Standard drain pump • Drain water discharged easily	●	●	●	●	●	●
	Reserved fresh air inlet			●	●		●
Intelligent	Centralized control compatible	●	●	●	●	●	●
	Room card	●	●	●	●	●	●
	Cleaning reminder of the washable filter	●	●	●	●	●	●

		DUCT	WALL MOUNTED UNIT	FLOOR STANDING UNITS		CEILING FLOOR		VENTILATION
		HIGH STATIC DUCT	HIGH WALL	TWO-WAY CONSOLE	FLOOR STANDING CONCEALED	FLEX CEILING FLOOR AC FAN	FLEX CEILING FLOOR DC FAN	AIR TO AIR HEAT EXCHANGER
Features								
		40VD*H-7S	40VK*S-7S	40VL*B-7E	40VL*R-7G	40VC*F-7G	40VC*F-7S	40VH*A-7G
Comfortable	Washable filter included: • Ensures clean air • Extends the life of the fan	●	●	●	●	●	●	●
	Independent control of the air flow directions: • Flexible control for different needs • Ensures comfortable environment		●			●	●	
	Multi-gear air speed selection: • Meet different requirements of installation & usage	●	●	●	●	●	●	●
	Presence sensor (optional): • Automatically switches on & off when people come in & out • Energy conservation							
	• Brushless DC motor: • Operation noise reduced	●	●	●			●	
Aesthetic	• Streamlined design • Easily fits in with different interior designs		●	●		●	●	
	• Ultra-thin & compact design • Save ceiling space	●						
Convenient	• Optional location of air return (front air return & back air return) • Friendly Installation							
	Easy disassembly of the maintenance panel			●		●	●	
	• Adjustable static pressure • Flexible selection according to the actual installation	●						
	• Standard drain pump • Drain water discharged easily	●						
	Reserved fresh air inlet	●				●	●	
Intelligent	Centralized control compatible	●	●	●	●	●	●	●
	Room card	●	●	●	●	●	●	
	Cleaning reminder of the washable filter	●	●	●	●	●	●	

1-way Cassette



MODEL NAME IDU	40VU	0051-7E-QEE	0071-7E-QEE	0091-7E-QEE	0121-7E-QEE
Capacity Code	HP	0,5	0,8	1,0	1,25
Cooling capacity	kW	1,5	2,2	2,8	3,6
Heating capacity	kW	1,7	2,5	3,2	4,0
Air Flow	m³/h	530 - 490 - 450	530 - 490 - 450	530 - 490 - 450	530 - 490 - 450
Indoor unit dimensions (HxWxD)	mm	185 x 875 x 505	185 x 875 x 505	185 x 875 x 505	185 x 875 x 505
Panel 40VPU01217EQEE dimensions (HxWxD)	mm	122 x 1.050 x 560	122 x 1.050 x 560	122 x 1.050 x 560	122 x 1.050 x 560
Indoor unit / panel weight	Kg	15,3 / 5,3	15,3 / 5,3	15,3 / 5,3	15,3 / 5,3
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
PRICE LIST					
(Without recycling fees & VAT)	€	1.000 (750+250)	1.100 (850+250)	1.300 (1.050+250)	1.400 (1.150+250)
Recycling Fees (without VAT)	€	2,06	2,06	2,06	2,06

2-way Cassette



MODEL NAME IDU	40VU	0072-7G-QEE	0092-7G-QEE	0122-7G-QEE	0162-7G-QEE	0182-7G-QEE
Capacity Code	HP	0,8	1,0	1,25	1,7	2,0
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3
Air Flow	m³/h	840 - 700 - 550	840 - 700 - 550	840 - 700 - 550	840 - 700 - 550	840 - 700 - 550
Indoor unit dimensions (HxWxD)	mm	220 x 817 x 620	220 x 817 x 620	220 x 817 x 620	220 x 817 x 620	220 x 817 x 620
Panel 40VPU01827GQEE dimensions (HxWxD)	mm	68 x 1.055 x 695	68 x 1.055 x 695	68 x 1.055 x 695	68 x 1.055 x 695	68 x 1.055 x 695
Indoor unit / panel weight	Kg	21 / 7	21 / 7	21 / 7	21 / 7	21 / 7
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
PRICE LIST						
(Without recycling fees & VAT)	€	1.960 (1.540+420)	2.020 (1.600+420)	2.040 (1.620+420)	2.160 (1.740+420)	2.340 (1.920+420)
Recycling Fees (without VAT)	€	2,8	2,8	2,8	2,8	2,8

4-way Compact Cassette



MODEL NAME IDU	40VU	005C-7S-QEE	007C-7S-QEE	009C-7S-QEE	012C-7S-QEE	016C-7S-QEE	018C-7S-QEE
Capacity Code	HP	0,5	0,8	1,0	1,25	1,7	2,0
Cooling capacity	kW	1,5	2,2	2,8	3,6	4,5	5,6
Heating capacity	kW	1,7	2,5	3,2	4,0	5,0	6,3
Air Flow	m³/h	520 - 450 - 400	520 - 450 - 400	520 - 450 - 400	520 - 450 - 400	650 - 520 - 450	760 - 650 - 520
Indoor unit dimensions (HxWxD)	mm	260 x 570 x 570	260 x 570 x 570	260 x 570 x 570	260 x 570 x 570	260 x 570 x 570	260 x 570 x 570
Panel 40VPU018C7SQEE dimensions (HxWxD)	mm	60 x 620 x 620	60 x 620 x 620	60 x 620 x 620	60 x 620 x 620	60 x 620 x 620	60 x 620 x 620
Indoor unit / panel weight	Kg	16 / 2,8	16 / 2,8	16 / 2,8	19 / 2,8	19 / 2,8	19 / 2,8
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
PRICE LIST							
(Without recycling fees & VAT)	€	870 (680+190)	910 (720+190)	950 (760+190)	990 (800+190)	1.020 (830+190)	1.060 (870+190)
Recycling Fees (without VAT)	€	1,88	1,88	1,88	1,88	1,88	1,88

Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Round 4-way Cassette



MODEL NAME IDU	40VU	007R-7E-QEE	009R-7E-QEE	012R-7E-QEE	016R-7E-QEE	018R-7E-QEE	024R-7E-QEE
Capacity Code	HP	0,8	1,0	1,25	1,7	2,0	2,5
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3	8,0
Air Flow	m³/h	1.000 - 810 - 620	1.000 - 810 - 620	1.000 - 810 - 620	1.000 - 810 - 620	1.000 - 810 - 620	1.380 - 1.190 - 1.000
Indoor unit dimensions (HxWxD)	mm	183 x 840 x 840	183 x 840 x 840	183 x 840 x 840	183 x 840 x 840	183 x 840 x 840	204 x 840 x 840
Panel 40VPU054R7EQEE dimensions (HxWxD)	mm	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950
Indoor unit / panel weight	Kg	25 / 6,5	25 / 6,5	25 / 6,5	25 / 6,5	25 / 6,5	27 / 6,5
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	5/8" - 3/8"
PRICE LIST							
(Without recycling fees & VAT)	€	1.040 (760+300)	1.080 (780+300)	1.100 (800+300)	1.180 (880+300)	1.230 (930+300)	1.270 (970+300)
Recycling Fees (without VAT)	€	3,15	3,15	3,15	3,15	3,15	3,35

MODEL NAME IDU	40VU	028R-7E-QEE	030R-7E-QEE	038R-7E-QEE	048R-7E-QEE	054R-7E-QEE
Capacity Code	HP	3,0	3,2	4,0	5,0	6,0
Cooling capacity	kW	8,0	9,0	11,2	14,0	16,0
Heating capacity	kW	9,0	10,0	12,5	16,0	18,0
Air Flow	m³/h	1.380 - 1.190 - 1.000	2.050 - 1.860 - 1.670	2.050 - 1.860 - 1.670	2.100 - 1.910 - 1.720	2.100 - 1.910 - 1.720
Indoor unit dimensions (HxWxD)	mm	204 x 840 x 840	246 x 840 x 840	246 x 840 x 840	288 x 840 x 840	288 x 840 x 840
Panel 40VPU054R7EQEE dimensions (HxWxD)	mm	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950	50 x 950 x 950
Indoor unit / panel weight	Kg	27 / 6,5	31 / 6,5	31 / 6,5	33 / 6,5	33 / 6,5
Pipe Connection (Gas-Liquid)		5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"
PRICE LIST						
(Without recycling fees & VAT)	€	1.290 (990+300)	1.400 (1.100+300)	1.440 (1.140+300)	1.510 (1.210+300)	1.620 (1.320+300)
Recycling Fees (without VAT)	€	3,35	3,75	3,75	3,95	3,95

Slim duct type



MODEL NAME IDU	40VD	005L-7E-QEE	007L-7E-QEE	009L-7E-QEE	012L-7E-QEE
Capacity Code	HP	0,5	0,8	1,0	1,25
Cooling capacity	kW	1,5	2,2	2,8	3,6
Heating capacity	kW	1,7	2,5	3,2	4,0
Air Flow	m³/h	430 - 370 - 310	480 - 420 - 360	480 - 420 - 360	550 - 430 - 370
External Static Pressure (Std/Max)	Pa	15 / 30	15 / 30	15 / 30	15 / 30
Indoor unit dimensions (HxWxD)	mm	185 x 850 x 420	185 x 850 x 420	185 x 850 x 420	185 x 850 x 420
Indoor unit weight	Kg	16,5	17,5	17,5	17,5
Pipe Connection (Gas-Liquid)	Kg	3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
PRICE LIST					
(Without recycling fees & VAT)	€	600	620	640	650
Recycling Fees (without VAT)	€	1,65	1,75	1,75	1,75

Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Slim duct type



MODEL NAME IDU	40VD	016L-7E-QEE	018L-7E-QEE	024L-7E-QEE
Capacity Code	HP	1.7	2.0	2.5
Cooling capacity	kW	4.5	5.6	7.1
Heating capacity	kW	5.0	6.3	8.0
Air Flow	m³/h	600 - 540 - 460	800 - 690 - 580	930 - 850 - 750
External Static Pressure (Std/Max)	Pa	15 / 30	15 / 30	15 / 30
Indoor unit dimensions (HxWxD)	mm	185 x 850 x 420	185 x 1.170 x 420	185 x 1.170 x 420
Indoor unit weight	Kg	18.5	22.2	24
Pipe Connection (Gas-Liquid)		1/2" - 1/4"	1/2" - 1/4"	5/8" - 3/8"
PRICE LIST				
(Without recycling fees & VAT)	€	690	720	760
Recycling Fees (without VAT)	€	1.85	2.22	2.40

Concealed Medium Static duct type

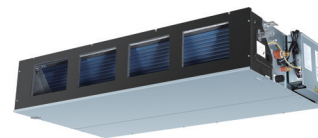


MODEL NAME IDU	40VD	005S-7S-QEE	007S-7S-QEE	009S-7S-QEE	012S-7S-QEE	016S-7S-QEE	018S-7S-QEE
Capacity Code	HP	0.5	0.8	1.0	1.25	1.7	2.0
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5	5.6
Heating capacity	kW	1.7	2.5	3.2	4.0	5.0	6.3
Air Flow	m³/h	515 - 440 - 390	545 - 470 - 390	545 - 470 - 390	570 - 495 - 420	700 - 625 - 550	915 - 765 - 640
External Static Pressure (Std/Max)	Pa	20 / 200	20 / 200	20 / 200	20 / 200	20 / 200	20 / 200
Indoor unit dimensions (HxWxD)	mm	248 x 700 x 700	248 x 700 x 700	248 x 700 x 700	248 x 700 x 700	248 x 700 x 700	248 x 1.100 x 700
Indoor unit weight	Kg	27.0	27.0	27.0	27.0	28.5	36.8
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
PRICE LIST							
(Without recycling fees & VAT)	€	690	700	710	720	780	800
Recycling Fees (without VAT)	€	2.70	2.70	2.70	2.70	2.85	3.68

MODEL NAME IDU	40VD	024S-7S-QEE	028S-7S-QEE	030S-7S-QEE	038S-7S-QEE	048S-7S-QEE	054S-7S-QEE
Capacity Code	HP	2.5	3.0	3.2	4.0	5.0	6.0
Cooling capacity	kW	7.1	8.0	9.0	11.2	14.0	16.0
Heating capacity	kW	8.0	9.0	10.0	12.5	16.0	18.0
Air Flow	m³/h	1275 - 1050 - 875	1275 - 1050 - 875	1450 - 1200 - 1100	2000 - 1700 - 1400	2150 - 1750 - 1400	2350 - 1950 - 1600
External Static Pressure (Std/Max)	Pa	20 / 200	20 / 200	20 / 180	20 / 180	20 / 180	20 / 180
Indoor unit dimensions (HxWxD)	mm	248 x 1.100 x 700	248 x 1.100 x 700	248 x 1.100 x 700	248 x 1.500 x 700	248 x 1.500 x 700	248 x 1.500 x 700
Indoor unit weight	Kg	36.8	36.8	39.4	48.3	51.3	51.3
Pipe Connection (Gas-Liquid)		5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"
PRICE LIST							
(Without recycling fees & VAT)	€	820	950	990	1.160	1.190	1.230
Recycling Fees (without VAT)	€	3.68	3.68	3.94	4.83	5.13	5.13

Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

High Static duct type



MODEL NAME IDU	40VD	007H-7S-QEE	009H-7S-QEE	012H-7S-QEE	015H-7S-QEE	018H-7S-QEE	024H-7S-QEE
Capacity Code	HP	0,8	1,0	1,25	1,7	2,0	2,5
Cooling capacity	kW	2,2	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	2,5	3,2	4,0	5,0	6,3	8,0
Air Flow	m3/h	500 – 410 – 360	600 – 510 – 450	700 – 580 – 500	780 – 680 – 600	900 – 780 – 600	1.160 – 1.020 – 920
External Static Pressure (Std/Max)	Pa	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200
Indoor unit dimensions (HxWxD)	mm	280 x 750 x 635	280 x 750 x 635	280 x 750 x 635	280 x 750 x 635	280 x 750 x 635	280 x 950 x 635
Indoor unit weight	Kg	29	29	29	29	29	34
Pipe Connection (Gas-Liquid)		3/8" – 1/4"	3/8" – 1/4"	1/2" – 1/4"	1/2" – 1/4"	1/2" – 1/4"	5/8" – 3/8"
PRICE LIST							
(Without recycling fees & VAT)	€	1.160	1.190	1.200	1.230	1.350	1.380
Recycling Fees (without VAT)	€	2,90	2,90	2,90	2,90	2,90	3,40

MODEL NAME IDU	40VD	028H-7S-QEE	030H-7S-QEE	036H-7S-QEE	048H-7S-QEE	054H-7S-QEE
Capacity Code	HP	3,0	3,2	4,0	5,0	6,0
Cooling capacity	kW	8,0	9,0	11,2	14,0	16,0
Heating capacity	kW	9,0	10,0	12,5	16,0	18,0
Air Flow	m3/h	1.500 – 1.320 – 1.220	1.500 – 1.320 – 1.220	1.700 – 1.510 – 1.400	2.280 – 1.920 – 1.780	2.280 – 1.920 – 1.780
External Static Pressure (Std/Max)	Pa	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200	0 – 200 / 200
Indoor unit dimensions (HxWxD)	mm	280 x 950 x 635	280 x 950 x 635	280 x 1.370 x 740	280 x 1.370 x 740	280 x 1.370 x 740
Indoor unit weight	Kg	34	34	54	54	54
Pipe Connection (Gas-Liquid)		5/8" – 3/8"	5/8" – 3/8"	5/8" – 3/8"	5/8" – 3/8"	5/8" – 3/8"
PRICE LIST						
(Without recycling fees & VAT)	€	1.400	1.850	1.870	1.910	1.920
Recycling Fees (without VAT)	€	3,40	3,40	5,40	5,40	5,40

MODEL NAME IDU	40VD	072H-7S-QEE	096H-7S-QEE
Capacity Code	HP	8,0	10,0
Cooling capacity	kW	22,4	28,0
Heating capacity	kW	25,0	31,0
Air Flow	m3/h	4.200 – 3.500 – 2.900	4.200 – 3.500 – 2.900
External Static Pressure (Std/Max)	Pa	0 – 250 / 250	0 – 250 / 250
Indoor unit dimensions (HxWxD)	mm	500 x 1.330 x 895	500 x 1.330 x 895
Indoor unit weight	Kg	103	103
Pipe Connection (Gas-Liquid)		7/8" – 1/2"	7/8" – 1/2"
PRICE LIST			
(Without recycling fees & VAT)	€	3.150	3.400
Recycling Fees (without VAT)	€	10,3	10,3

Rated conditions – Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

High Wall



MODEL NAME IDU	40VK	005S-7S-QEE	007S-7S-QEE	009S-7S-QEE	012S-7S-QEE	016S-7S-QEE
Capacity Code	HP	0.5	0.8	1.0	1.25	1.7
Cooling capacity	kW	1.5	2.2	2.8	3.6	4.5
Heating capacity	kW	1.7	2.5	3.2	4.0	5.0
Air Flow	m³/h	500 - 430 - 370	550 - 480 - 420	600 - 530 - 470	630 - 560 - 500	900 - 720 - 650
Indoor unit dimensions (HxWxD)	mm	280 x 855 x 208	280 x 855 x 208	280 x 855 x 208	280 x 955 x 208	336 x 1.115 x 243
Indoor unit weight	Kg	9.9	9.9	9.9	9.9	15.8
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
PRICE LIST						
(Without recycling fees & VAT)	€	640	670	705	720	760
Recycling Fees (without VAT)	€	0.99	0.99	0.99	0.99	1.58

MODEL NAME IDU	40VK	018S-7S-QEE	024S-7S-QEE	028S-7S-QEE	030S-7S-QEE
Capacity Code	HP	2.0	2.5	3.0	4.0
Cooling capacity	kW	5.6	7.1	8.0	11.2
Heating capacity	kW	6.3	8.0	9.0	12.5
Air Flow	m³/h	920 - 800 - 720	1.010 - 920 - 800	1.500 - 1.400 - 1.300	1.600 - 1.500 - 1.400
Indoor unit dimensions (HxWxD)	mm	336 x 1.115 x 243	336 x 1.115 x 243	365 x 1.316 x 270	365 x 1.316 x 270
Indoor unit weight	Kg	15.8	15.8	21.8	21.8
Pipe Connection (Gas-Liquid)		1/2" - 1/4"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"
PRICE LIST					
(Without recycling fees & VAT)	€	790	830	890	960
Recycling Fees (without VAT)	€	1.58	1.58	2.18	2.18

Two-way Console type



MODEL NAME IDU	40VL	005B-7E-QEE	007B-7E-QEE	009B-7E-QEE	012B-7E-QEE	018B-7E-QEE
Capacity Code	HP	0.5	0.8	1.0	1.25	2.0
Cooling capacity	kW	1.5	2.2	2.8	3.6	5.0
Heating capacity	kW	1.7	2.6	3.2	4.0	5.5
Air Flow	m³/h	540 - 390 - 270	540 - 390 - 270	540 - 390 - 270	580 - 420 - 270	620 - 460 - 270
Indoor unit dimensions (HxWxD)	mm	600 x 700 x 210	600 x 700 x 210	600 x 700 x 210	600 x 700 x 210	600 x 700 x 210
Indoor unit weight	Kg	15.2	15.2	15.2	15.2	15.2
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
PRICE LIST						
(Without recycling fees & VAT)	€	870	910	960	970	1.020
Recycling Fees (without VAT)	€	1.52	1.52	1.52	1.52	1.52

Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Floor Standing Concealed type



MODEL NAME IDU	40VL	007R-7G-QEE	009R-7G-QEE	012R-7G-QEE
Capacity Code	HP	0,8	1,0	1,25
Cooling capacity	kW	2,2	2,8	3,6
Heating capacity	kW	2,6	3,2	4,0
Air Flow	m³/h	750 - 650 - 550	750 - 650 - 550	750 - 650 - 550
External Static Pressure (Std/Max)	Pa	0 / 30	0 / 30	0 / 30
Indoor unit dimensions (HxWxD)	mm	624 x 1.116 x 221	624 x 1.116 x 221	624 x 1.116 x 221
Indoor unit weight	Kg	29	29	29
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
PRICE LIST				
(Without recycling fees & VAT)	€	840	940	1.060
Recycling Fees (without VAT)	€	2,90	2,90	2,90

Flex Ceiling type



MODEL NAME IDU	40VC	009F-7S-QEE	012F-7S-QEE	016F-7S-QEE	018F-7S-QEE	024F-7S-QEE
Capacity Code	HP	1,0	1,25	1,7	2,0	2,5
Cooling capacity	kW	2,8	3,6	4,5	5,6	7,1
Heating capacity	kW	3,2	4,0	5,0	6,3	8,0
Air Flow	m³/h	920 - 750 - 690	920 - 750 - 690	920 - 750 - 690	920 - 750 - 690	1.420 - 1.270 - 1.240
Indoor unit dimensions (HxWxD)	mm	230 x 1.000 x 680	230 x 1.000 x 680	230 x 1.000 x 680	230 x 1.000 x 680	230 x 1.330 x 680
Indoor unit weight	Kg	27,9	27,9	27,9	27,9	35,8
Pipe Connection (Gas-Liquid)		3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	5/8" - 3/8"
PRICE LIST						
(Without recycling fees & VAT)	€	780	820	860	960	1.000
Recycling Fees (without VAT)	€	2,79	2,79	2,79	2,79	3,58

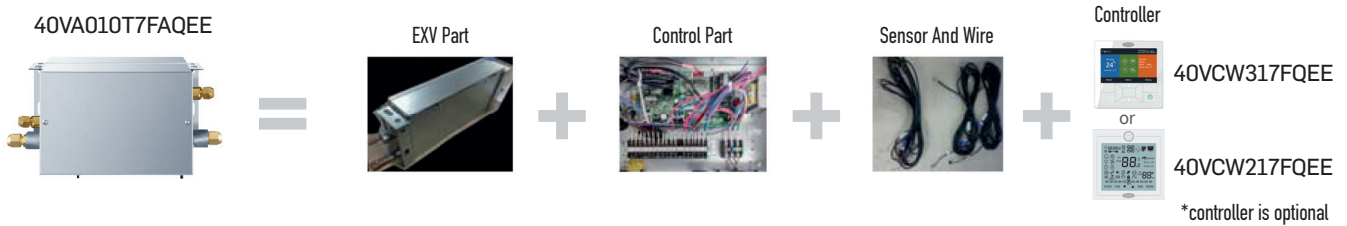
MODEL NAME IDU	40VC	028F-7S-QEE	030F-7S-QEE	038F-7S-QEE	048F-7S-QEE	054F-7S-QEE
Capacity Code	HP	3,0	3,2	4,0	5,0	6,0
Cooling capacity	kW	8,0	9,0	11,2	14,0	16,0
Heating capacity	kW	9,0	10,0	12,5	16,0	18,0
Air Flow	m³/h	1.570 - 1.420 - 1.240	1.570 - 1.420 - 1.240	2.110 - 1.990 - 1.750	2.110 - 1.990 - 1.750	2.110 - 1.990 - 1.750
Indoor unit dimensions (HxWxD)	mm	230 x 1.330 x 680	230 x 1.330 x 680	230 x 1.650 x 680	230 x 1.650 x 680	230 x 1.650 x 680
Indoor unit weight	Kg	35,8	35,8	43,5	43,5	43,5
Pipe Connection (Gas-Liquid)		5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"	5/8" - 3/8"
PRICE LIST						
(Without recycling fees & VAT)	€	1.100	1.200	1.340	1.440	1.600
Recycling Fees (without VAT)	€	3,58	3,58	4,35	4,35	4,35

Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Air to Air Heat Exchanger



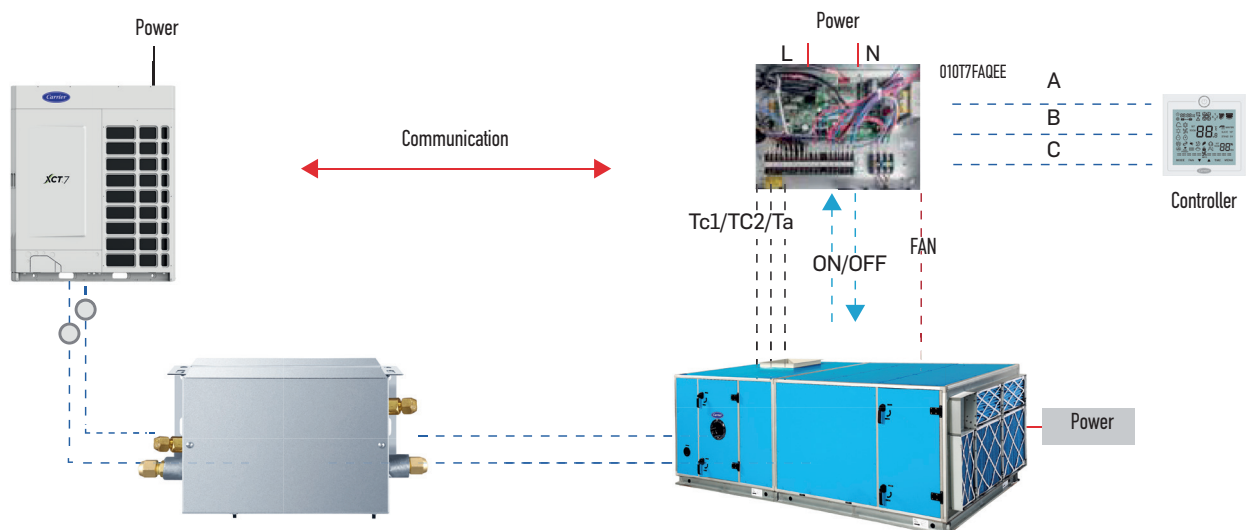
MODEL NAME IDU	40VH	015A-76-QEE	026A-76-QEE
Air Flow	m³/h	150	260
External Static Pressure	Pa	80	60
Temperature Exchange Efficiency	%	78	78
Enthalpy Exchange Efficiency Cooling	%	65	65
Indoor unit dimensions (HxWxD)	mm	276 x 813 x 553	276 x 813 x 553
Indoor unit weight	Kg	28,7	28,7
Duct Nominal Diameter Supply / Return	mm	100x2 / 100x2	150x2 / 150x2
PRICE LIST			
(Without recycling fees & VAT)	€	1.400	1.500
Recycling Fees (without VAT)	€	2,87	2,87



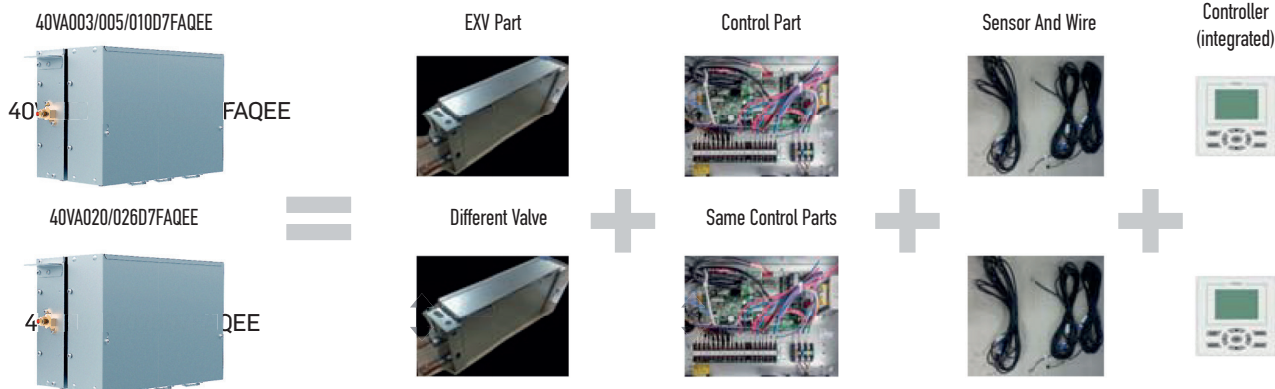
Air Handling Unit DX Coil kit (TA Control)

AHU CONNECTION KIT	40VA	010T7FAQEE	020T7FAQEE
Capacity Code	HP	5,0 – 10,0	10,0 – 20,0
Cooling capacity	kW	$14,0 \leq x \leq 28,0$	$28,0 \leq x \leq 56,0$
CONTROLLER dimensions (HxWxD)	mm	226 x 350 x 155	296 x 433 x 193
Indoor unit weight	Kg	6	8
Coil Diameter		3/8"	1/2"
PRICE LIST			
(Without recycling fees & VAT)	€	610	730
Recycling Fees (without VAT)	€	0.60	0.80

AHU Connection Kit Control

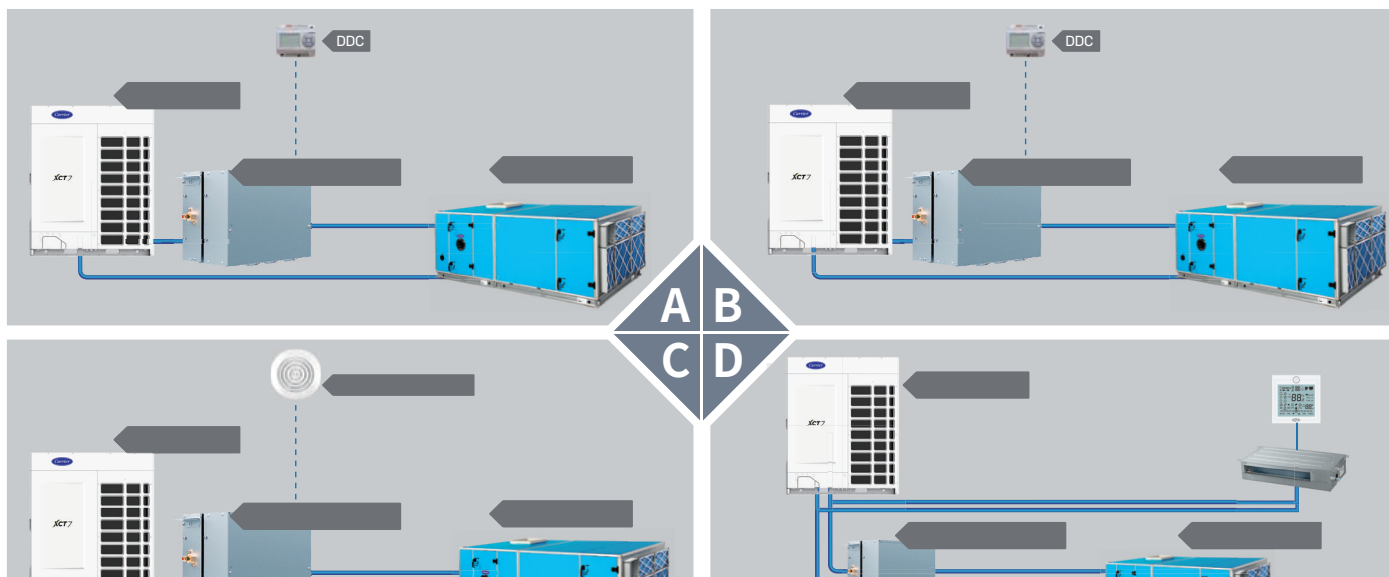


Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.



Air Handling Unit DX Kit (DDC Control)

AHU CONNECTION KIT	40VA	003D7FAQEE	005D7FAQEE	010D7FAQEE	020D7FAQEE	026D7FAQEE
Capacity Code	HP	1,0 – 3,0	3,0 – 5,0	5,0 – 10,0	10,0 – 20,0	20,0 – 26,0
Cooling capacity	kW	$3,5 \leq x \leq 7,0$	$7,0 \leq x \leq 14,0$	$14,0 \leq x \leq 28,0$	$28,0 \leq x \leq 56,0$	$56,0 \leq x \leq 73,0$
CONTROLLER dimensions (HxWxD)	mm	260 x 420 x 165	260 x 420 x 165	260 x 420 x 165	260 x 420 x 165	260 x 420 x 165
Indoor unit weight	Kg	5,5	5,5	5,5	6,5	6,5
Coil Diameter		3/8"	3/8"	3/8"	1/2"	1/2"
PRICE LIST						
(Without recycling fees & VAT)	€	640	710	790	1.000	1.100
Recycling Fees (without VAT)	€	0,55	0,55	0,55	0,65	0,65



Control solution for application with 3rd party thermostat instead of DDC

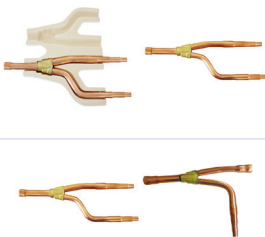
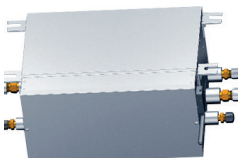
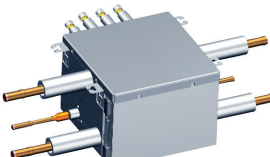
- No additional DDC controller required
- Simple and cheap
- Indirect room temperature control

Control solution for system integrating 3rd part AHU with other VRF

- Control the AHU as a VRF indoor units

Rated conditions - Cooling : Indoor Air Temp 27°C DB / 19°C WB, Outdoor 35°C DB.
Heating : Indoor Air Temp 20°C DB, Outdoor 7°C DB / 6°C WB.

Accessories – Piping Kits

					Value (€)
Branch Joints		40VJ05267-HQEE	VRF CDU 2-Pipe Modular Kit	Two (2) Outdoor Units Combination	300
		40VJ07867-HQEE	VRF CDU 2-Pipe Modular Kit	Three (3) Outdoor Units Combination	580
		40VJ07867-HQEE + 40VJ072M7-HQEE	VRF CDU 2-Pipe Modular Kit	Four (4) Outdoor Units Combination	940
Y – Joints		40VJ04467-RQEE	VRF CDU 3-Pipe Modular Kit	Two (2) Outdoor Units Combination	220
		40VJ06667-RQEE	VRF CDU 3-Pipe Modular Kit	Three (3) Outdoor Units Combination	530
		40VJ08867-RQEE	VRF CDU 3-Pipe Modular Kit	Four (4) Outdoor Units Combination	890
		40VJ012M7-HQEE	VRF 2-Pipe Y-Joint	Capacities below 33,5 kW	84
		40VJ018M7-HQEE	VRF 2-Pipe Y-Joint	Capacities $33,5 \leq x < 50,6$ kW	98
		40VJ026M7-HQEE	VRF 2-Pipe Y-Joint	Capacities $50,6 \leq x < 73,0$ kW	154
		40VJ048M7-HQEE	VRF 2-Pipe Y-Joint	Capacities $73,0 \leq x < 135,0$ kW	220
		40VJ072M7-HQEE	VRF 2-Pipe Y-Joint	Capacities $135,0 \leq x < 204,0$ kW	360
		40VJ012M7-RQEE	VRF 3-Pipe Y-Joint	Capacities below 33,5 kW	180
		40VJ018M7-RQEE	VRF 3-Pipe Y-Joint	Capacities $33,5 \leq x < 50,6$ kW	190
		40VJ026M7-RQEE	VRF 3-Pipe Y-Joint	Capacities $50,6 \leq x < 73,0$ kW	220
		40VJ048M7-RQEE	VRF 3-Pipe Y-Joint	Capacities $73,0 \leq x < 135,0$ kW	330
		40VJ072M7-RQEE	VRF 3-Pipe Y-Joint	Capacities $135,0 \leq x < 204,0$ kW	540
Low Selectors		40VX00417FRQEE	VRF Single Flow selector Unit	Capacities below 11,2kW	1.300
		40VX00717FRQEE	VRF Single Flow selector Unit	Capacities 11,2 – 18,0kW	1.400
		40VX01017FRQEE	VRF Single Flow selector Unit	Capacities 18,0 – 28,0kW	1.600
		40VX01647FRQEE	VRF Multi Flow selector 4-branch	Capacities below 45,0kW	3.600

Wireless & Wired Remote Controllers

					Value (€)
Wireless & Wired Remote Controllers		40VC167FQEE	Remote Controller IR RC (all FCU)	On/Off, Mode, Fan speed, Temperature setting, Swing, Individual control Five grades of fan speed & Timer, Backlight , Self Clean.	70
		40VC1R7FQEE	Receiver (duct)	Infrared signal receiver Realize the remote control of Duct type indoor unit	58
		40VCW217FQEE	Wired Remote Controller 86 x 86	On/Off, Mode, Fan speed (5), Temperature setting, Swing. Touch button with back light On/off Timer	90
		40VCW317FQEE	Wired Remote Controller with Weekly timer	On/Off, Mode, Fan speed, Temperature setting, Swing. Weekly timer, Static pressure setting.	220

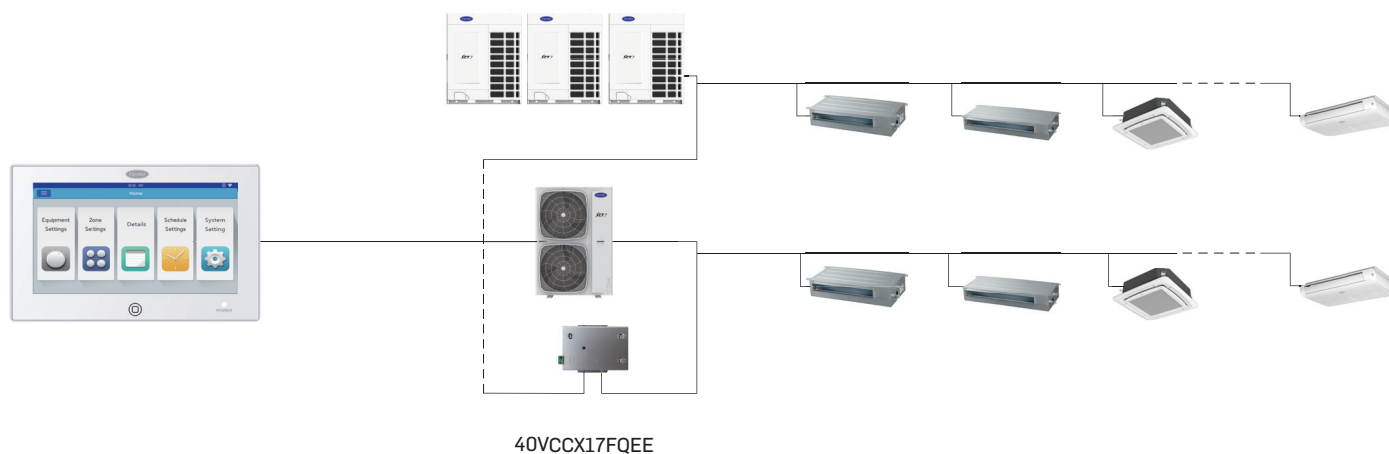
Central Controllers & BMS Interfaces

					Value (€)
Central Controllers & BMS Interfaces		40VCC617FQEE	Touchscreen controller (Max 256 IDUs)	Individual control, Group control & Central control, 7-inch TFT LCD touch screen with back light, Weekly timer, Historical data backup	980
		40VCCR17FQEE	Adapter	Must be used in combination (40VCC617FQEE + 40VCCR17FQEE) for Side Discharge ODUs.	160
		40VCC727FQEE	Touchscreen controller (Max 800 IDUs)	Individual control, Group control & Central control, 12.5 -inch TFT LCD touch screen Multilanguage, Web access & e-mail alarm, Weekly schedule & special day setting	6.400
		40VCCX17FQEE	Adapter	In combination 40VCC727FQEE with a 40VCC x 17FQEE for each XCT7 system (Max . 64 IDU)	700
		40VCBB17FQEE	BACnet® gateway	XCT7-connect directly without adapter. Mini XCT7-must add 40VCCR17FQEE or 40VCBM17FQEE	3.700
		40VCBL17FQEE	LonWorks™ gateway	XCT7-connect directly without adapter. Mini XCT7-must add 40VCCR17FQEE	3.400

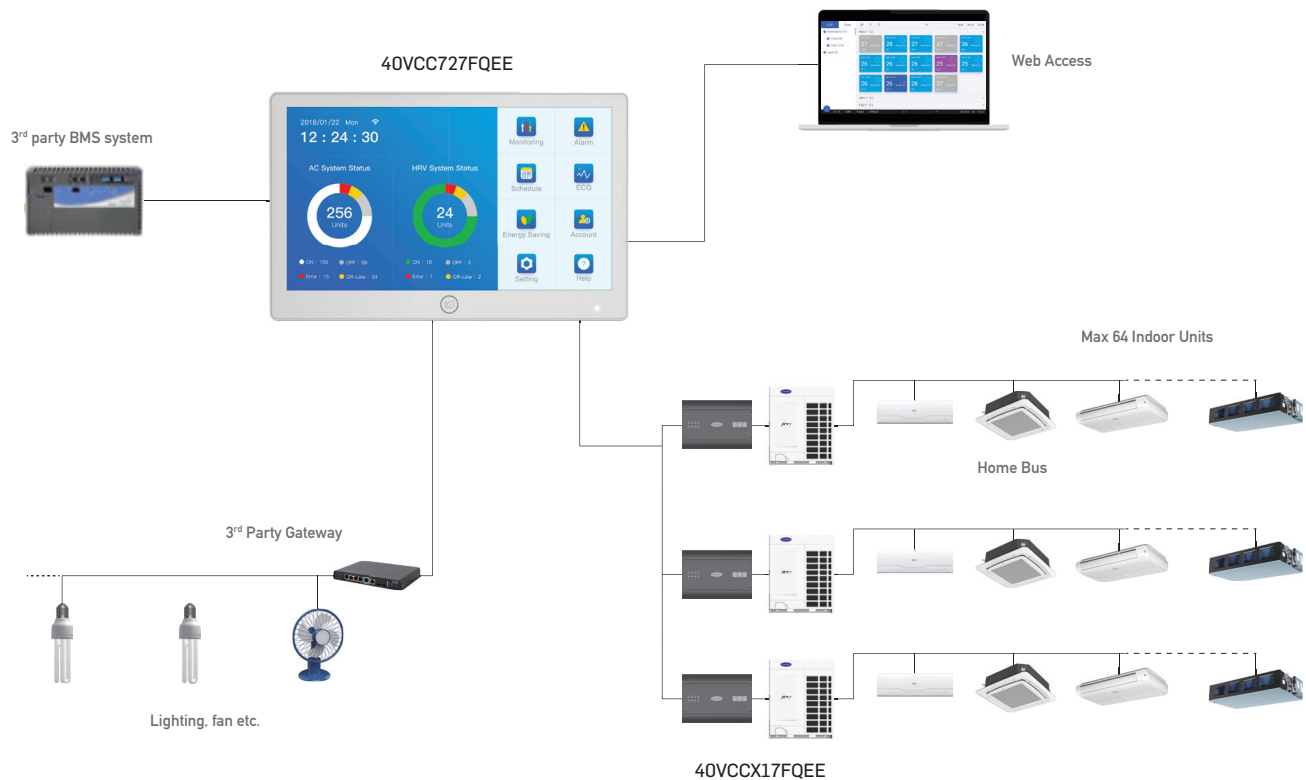
Central Controllers & BMS Interfaces

					Value (€)
Central Controllers & BMS Interfaces		40VCBK17FQEE	KNX® gateway 8 IDU	XCT7-connect directly without adapter. Mini XCT7-must add 40VCCR17FQEE	5.200
		40VCBK27FQEE	KNX® gateway 16 IDU	XCT7-connect directly without adapter. Mini XCT7-must add 40VCCR17FQEE	7.600
		40VCBK37FQEE	KNX® gateway 64 IDU	XCT7-connect directly without adapter. Mini XCT7-must add 40VCCR17FQEE	10.980
		40VCB217FQEE	Remote monitoring	Remote monitoring version; Third party interface: BACnet ip/ Modbus ip. Max. 1500 indoor units can be controlled. Max. 4 groups. Each group can connect 20 systems. Each SD ODU requires a 40VCCR17FQEE. Electricity consumption report (must connect 40VCBM17FQEE)	11.000
		40VCB117FQEE	Local control	Local version or PC version; Convert RS-485 to USB. Max. 400 indoor units can be controlled. Max. 32 systems. Each SD ODU unit requires one 40VCCR17FQEE. Electricity consumption report when connected with 40VCBM17FQEE and associated to 3rd party Ammeter	330
		40VCBM17FQEE	Adapter	Protocol & electricity data collection adapter (and associated to 3rd party Ammeter).	340

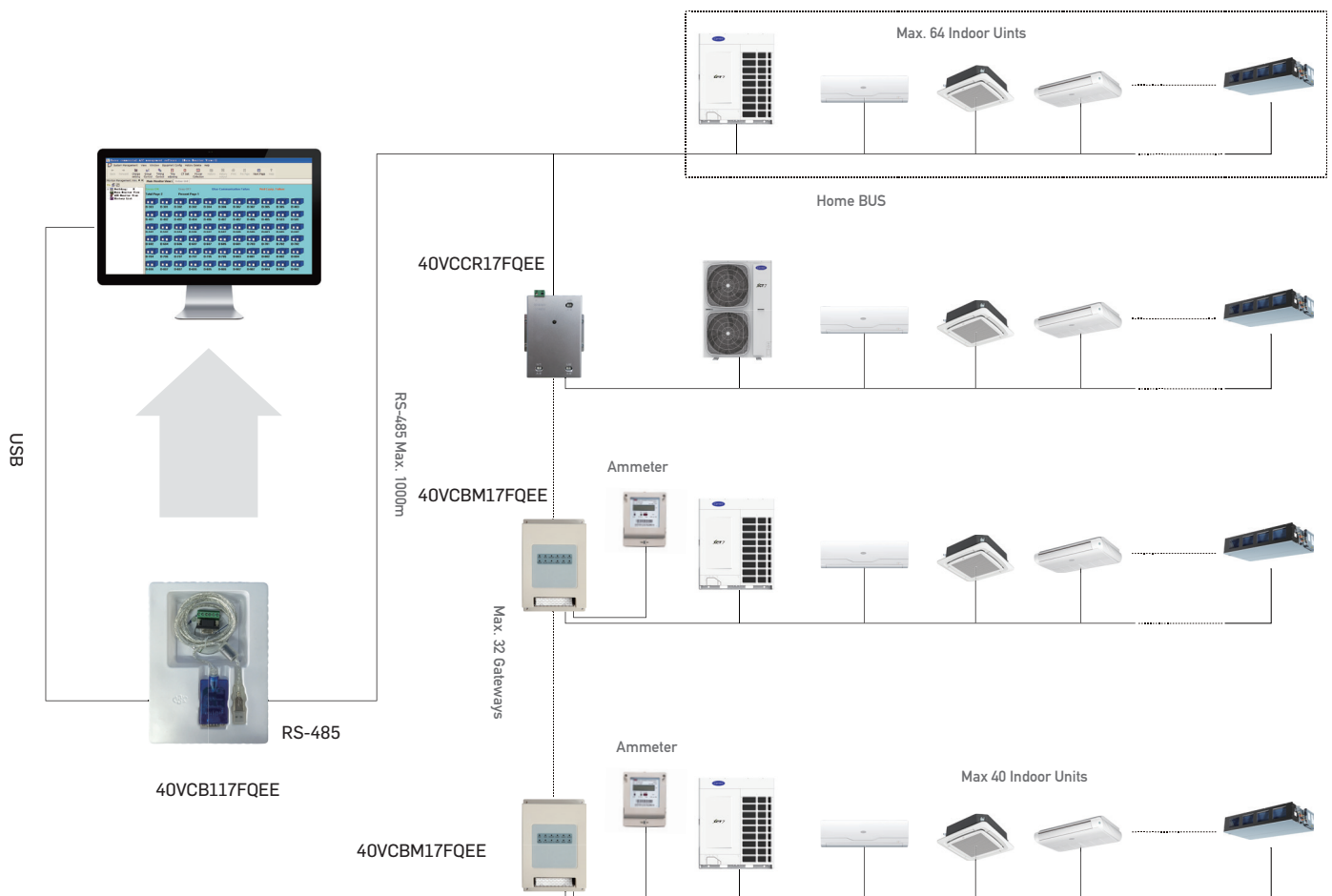
40VCC617FQEE System



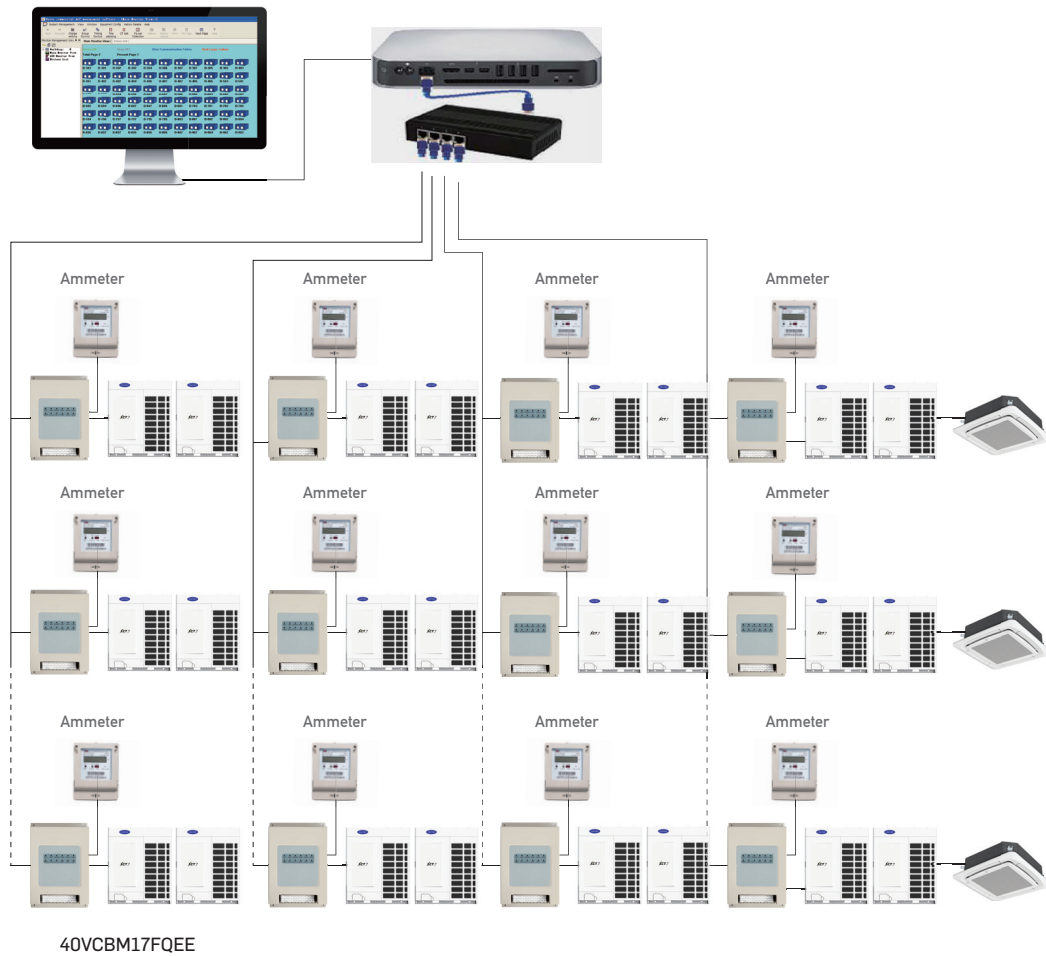
40VCC727FQEE System



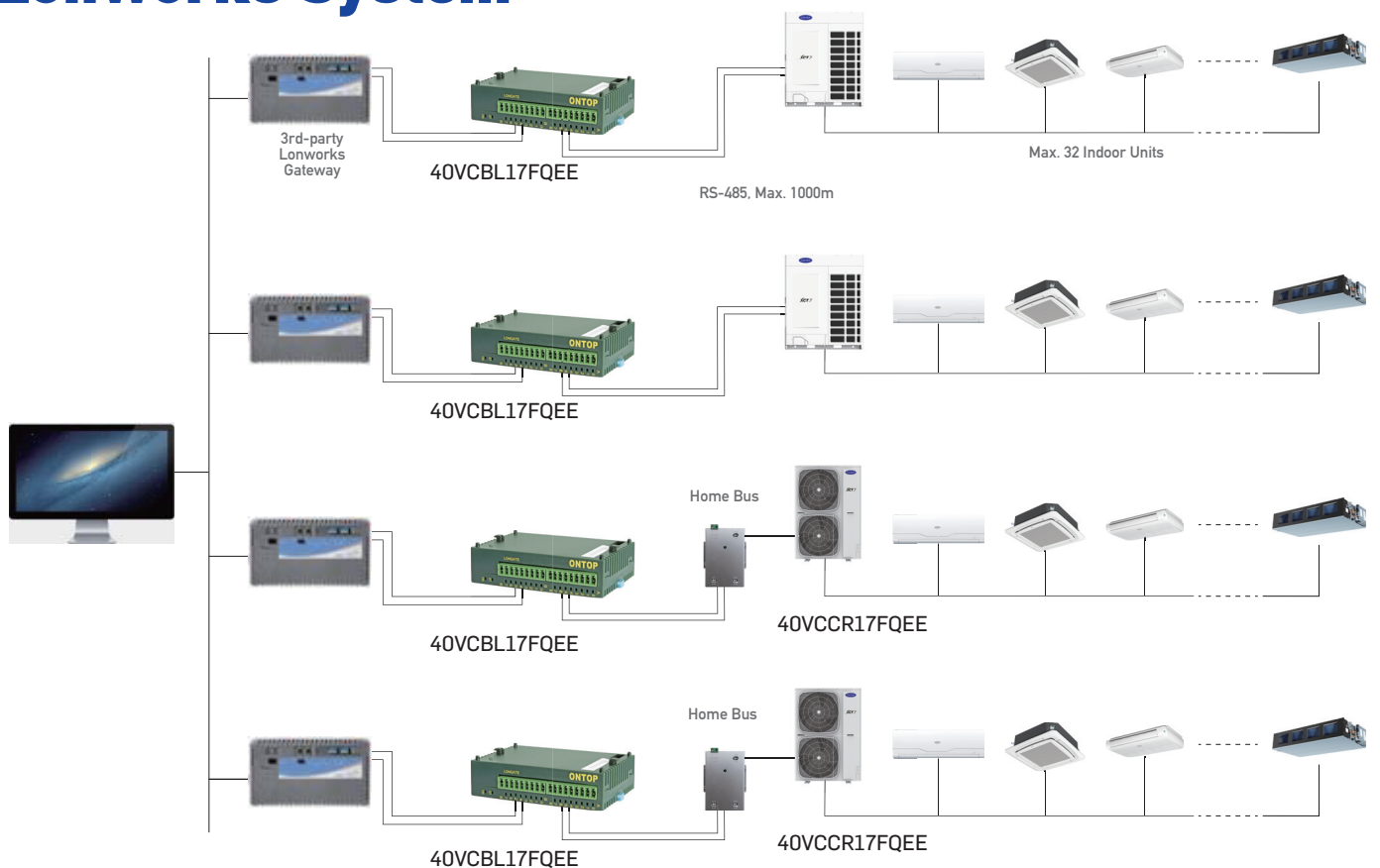
40VCB117FQEE System



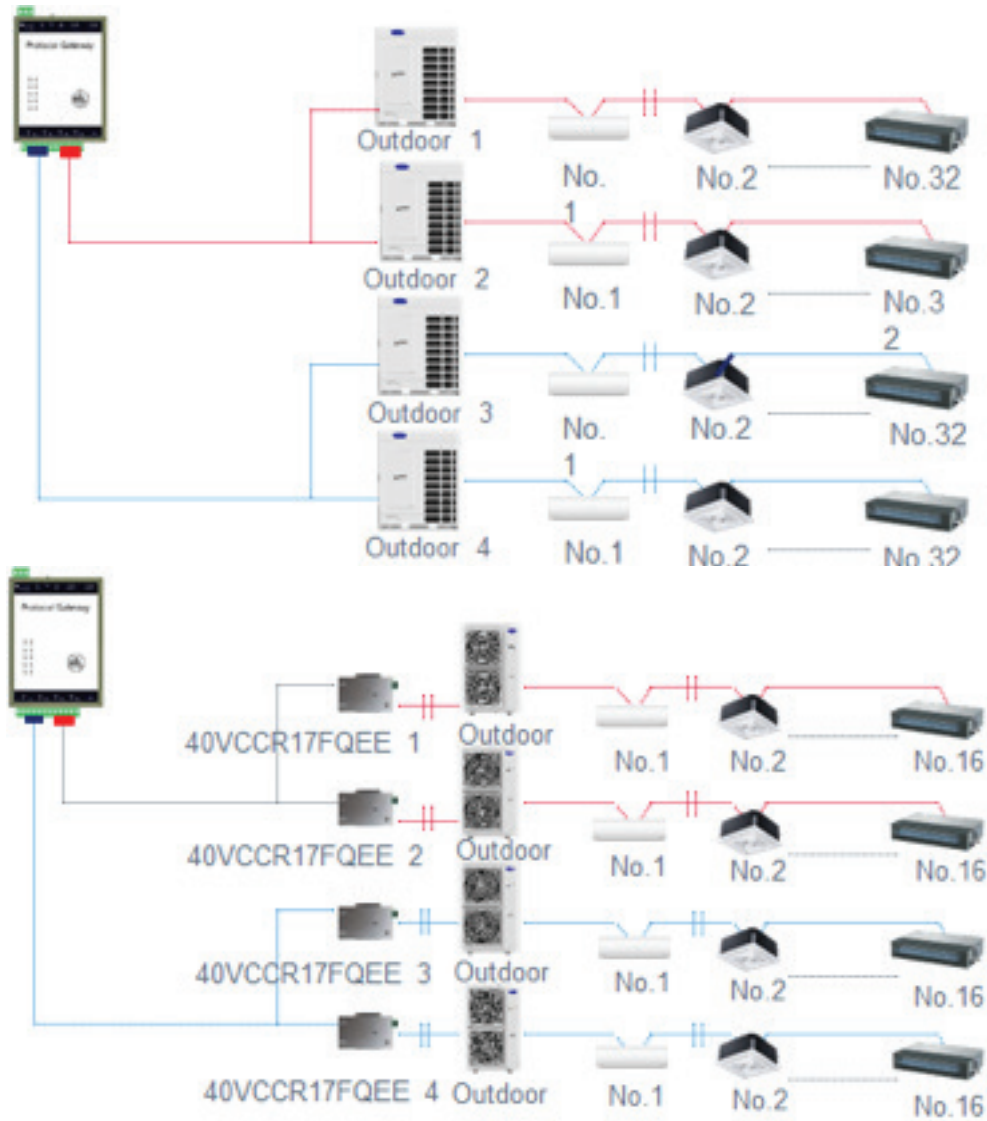
40VCB217FQEE System



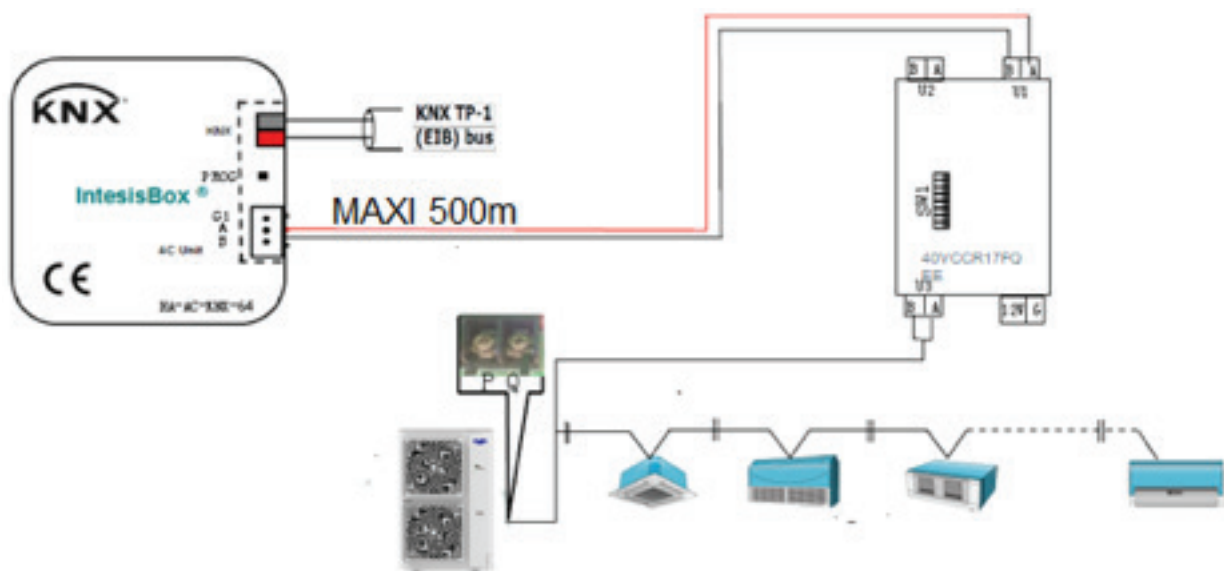
LonWorks System



3rd party BACnet® System

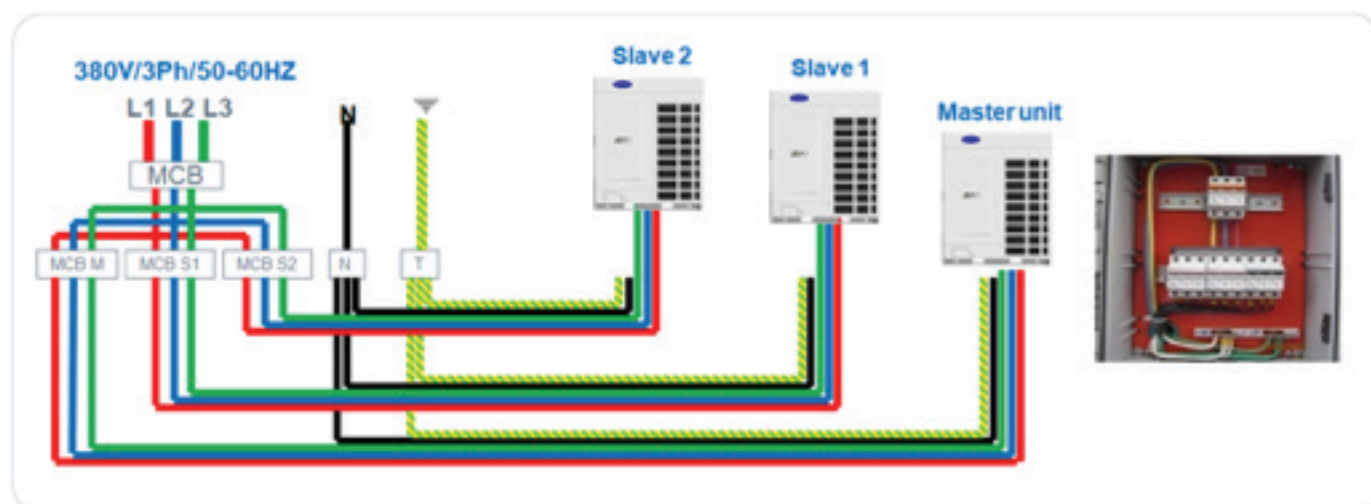


KXN® System



Electrical supply wiring

Outdoor power supply



Electrical characteristics for VRF Top Discharge Outdoor Units

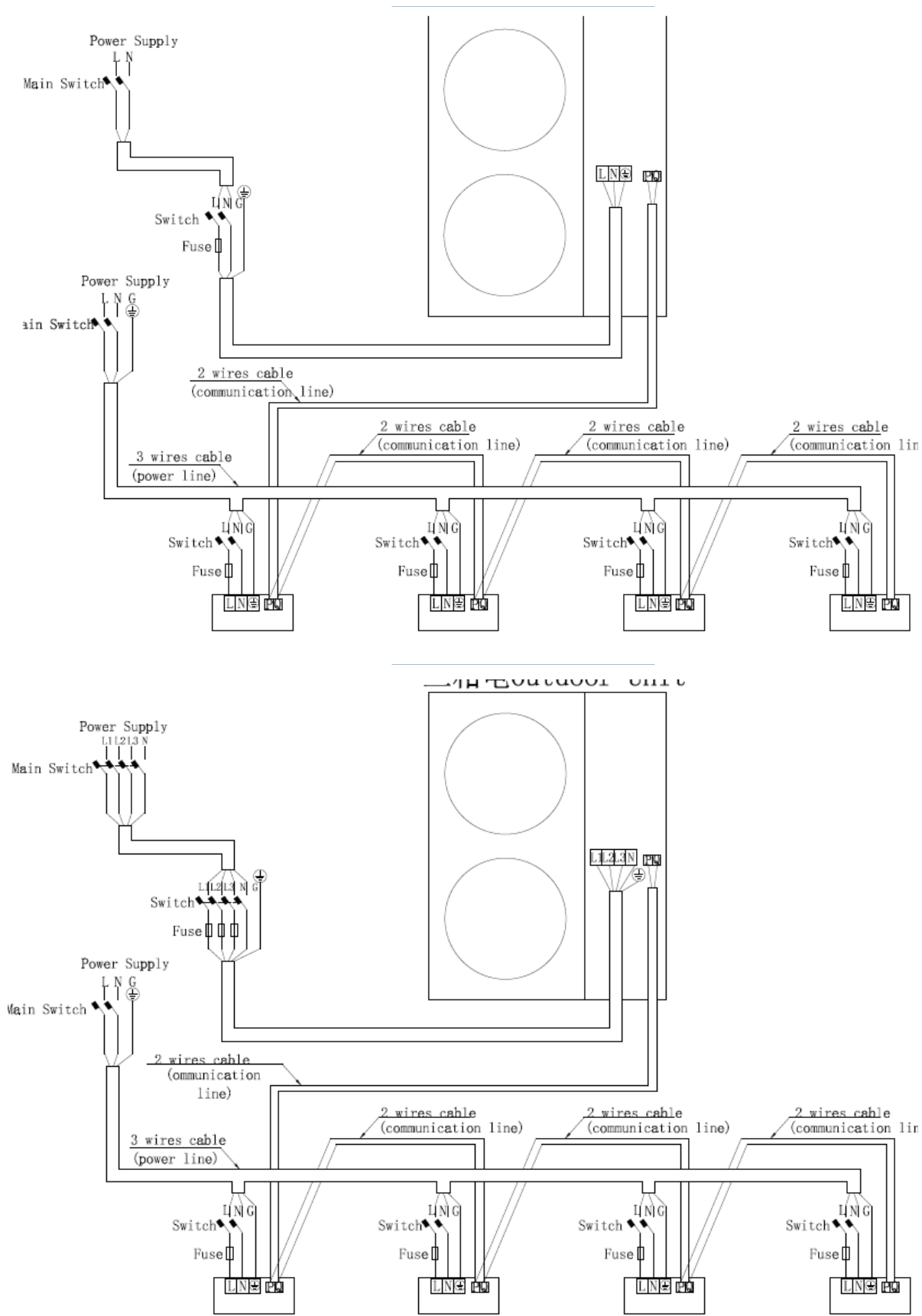
XCT7 — 2 pipe CDU (HP)	Maximum operating current (Amps)	Proposed power connection fuse (Amps)	Proposed wire size
8	20,3	25,0	5 x 6,0 mm ²
10	21,8	25,0	5 x 6,0 mm ²
12	23,3	35,0	5 x 10,0 mm ²
14	27,7	35,0	5 x 10,0 mm ²
16	32,4	40,0	5 x 16,0 mm ²
18	36,1	50,0	5 x 16,0 mm ²
20	42,4	50,0	5 x 16,0 mm ²
22	48,1	63,0	3 x 25,0 mm ² + 2 x 16,0mm ²
24	49,1	63,0	3 x 25,0 mm ² + 2 x 16,0mm ²
26	55,8	63,0	3 x 25,0 mm ² + 2 x 16,0mm ²

XCT7 — 3 pipe CDU (HP)	Maximum operating current (Amps)	Proposed power connection fuse (Amps)	Proposed wire size
8	20,3	25,0	5 x 6,0 mm ²
10	21,8	25,0	5 x 6,0 mm ²
12	23,3	35,0	5 x 10,0 mm ²
14	27,7	35,0	5 x 10,0 mm ²
16	32,4	40,0	5 x 16,0 mm ²
18	36,1	50,0	5 x 16,0 mm ²
20	42,4	50,0	5 x 16,0 mm ²
22	48,1	63,0	3 x 25,0 mm ² + 2 x 16,0mm ²

* All wiring must comply with local and national electrical codes regulations and must be installed by a licensed electrician.

Electrical supply wiring

Outdoor power supply

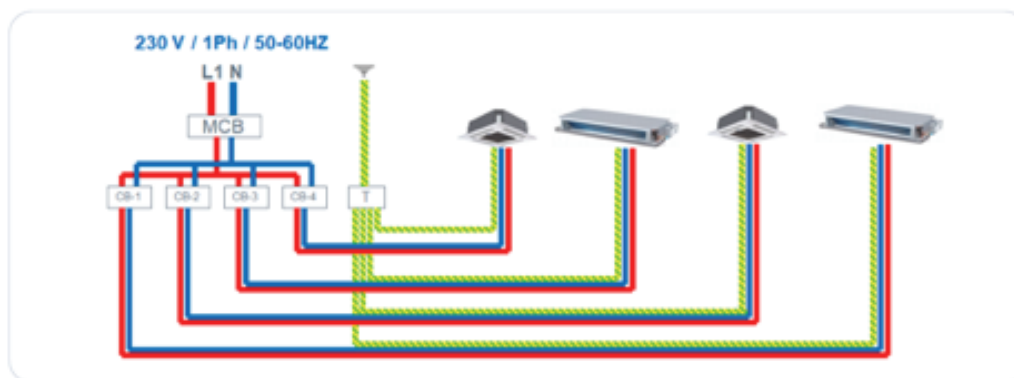


Electrical characteristics for VRF Side Discharge Outdoor Units

Mini VRF CDU (HP)	Maximum operating current (Amps)	Proposed power connection fuse (Amps)	Proposed wire size
4 (1 fan)	28,3	35,0	3 x 10,0 mm ²
5 (1 fan)	29,3	35,0	3 x 10,0 mm ²
4 / 1ph	34,1	35,0	3 x 10,0 mm ²
5 / 1ph	35,5	35,0	3 x 10,0 mm ²
6 / 1ph	36,9	35,0	3 x 10,0 mm ²
4 / 3ph	11,4	20,0	5 x 4,0 mm ²
5 / 3ph	11,9	20,0	5 x 4,0 mm ²
6 / 3ph	12,3	20,0	5 x 4,0 mm ²
8 / 3ph	19,0	25,0	5 x 6,0 mm ²
10 / 3ph	23,8	35,0	5 x 10,0 mm ²
12 / 3ph	25,4	35,0	5 x 10,0 mm ²

Electrical supply wiring - IDU

Indoor Power Supply Option A:



Wiring Size for Indoor units, must be independent from the outdoor unit power supply

Model / Item	Power supply wiring	
	Wire size	
All models of indoor units	2.0 mm ² (AWG#14) Max. 20 m	4 mm ² (AWG#12) Max. 50m

Control wiring between indoor & outdoor units / between outdoor units:

All of the communication cables between each module and terminal module to the central controller are double core shielded twisted-pair cable. Specific wiring as the table below:

The length of signal line(m)	Wiring dimension
≤100	0.3 mm ² x 2
100<x≤200	0.5 mm ² x 2
200<x≤300	0.75 mm ² x 2
300<x≤400	1.25 mm ² x 2
400<x≤500	2.3 mm ² x 2

Don't install in the place where interference is produced.

It will be unavailable if it is installed near the computer, auto-door, elevator, or other equipment what can produce interference.

Don't install in the place where it is wet or unstable. It will cause failure.

Don't install in the place where it is by direct sunlight or near to the heat. It will cause failure.

* All wiring must comply with local and national electrical codes regulations and must be installed by a licensed electrician.

AHI CARRIER EUROPE CONTACTS

SHIPPING CUSTOMER ORDERS

Customer services E-mail: customerservices@ahi-carrier.eu

Opening hours: 09:00 - 17:00

For products available in stock in our warehouse and for shipment the next day, your order documents must be sent by 12:00

PRODUCT AVAILABILITY - IMPLEMENTATION OF ORDERS:

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ALPHA BANK: BANK ACCOUNT: 110-002320-004956, EURO IBAN ACCOUNT: GR5401401100110002320004956

EUROBANK: BANK ACCOUNT: 0026.0443.43.0200164437, EURO IBAN ACCOUNT: GR4902604430000430200164437

NOTE

The company bears no responsibility for any typographical errors in product characteristics and prices. Technical characteristics are subject to change without prior notice.

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