Vertical DX
Floor Standing Unit

4 Plug & Play configurations
designed for VRV and ERA

Airflow
4.000 m³/h with EC fan

Flexibility & Efficiency
Adjustable Grilles
or Ductable Discharge



Installation flexibility designed to fit every renovation project perfectly


Industrial


Warehouses


Showroom


Commercial

Design Features

- External panel in pre-painted steel (corrosion resistance class RC5)
- Internal panel in Magnelis (corrosion resistance class RC5)
- Polyurethane insulation (density 45 kg/m^3)
- 42 mm thick insulated panel
- Anodized profile
- Designed for indoor installation

Key Benefits

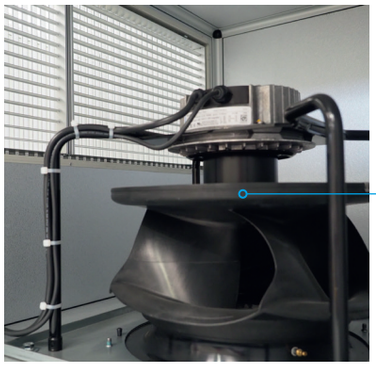
- High-efficiency air conditioning thanks to the VRT technology
- Wide operating range, with winter room temperature down to 10 °C
- Ideal for quick upgrades of existing systems
- Easy removal and relocation
- Certified regenerated refrigerant with low environmental impact (Daikin circular economy LOOP BY DAIKIN) in case of R410A systems
- Plug & Play solution with return air temperature control (Z control) for simplified installation & commissioning
- Exclusive Daikin solution paired with VRV 5 and ERA (high-efficiency units with VRT function)
- Available with right- or left-side connections

Adjustable supply grille

On-board electrical control panel

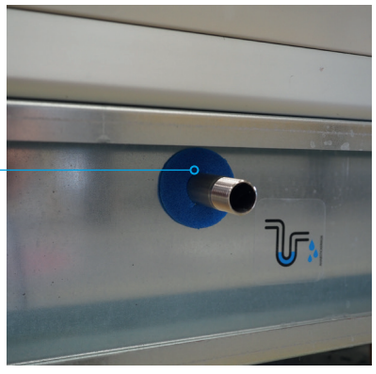
Madoka controller (*to be ordered separately)

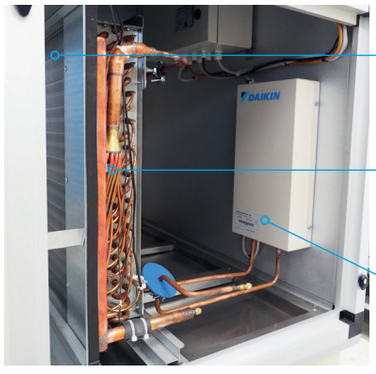




EC fan with speed control

Condensate drain pipe





Return air grille with [M5] ePM10 55% filter

DX coil

EKEXVA250 expansion valve and EKEA electronic board mounted on board

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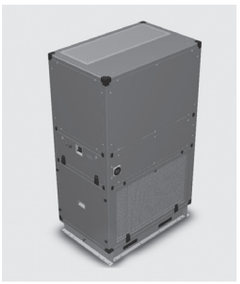
Installation flexibility

In the standard configuration, the unit has a front supply grille.
The front and top panels are the same size, so they can be swapped on site to position the supply grille on top. Alternatively, the top panel can be placed at the front, allowing for upward ducting.

Available in three configurations



Standard front grille



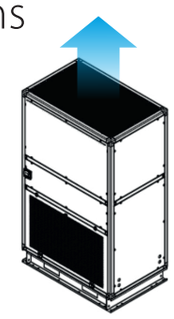
Standard top grille

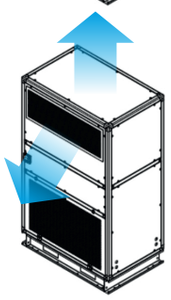


Ductable

Configurations

All three configurations can be connected to VRV or ERA heat pump.
The refrigerant connection can also be made using Tightfit joints

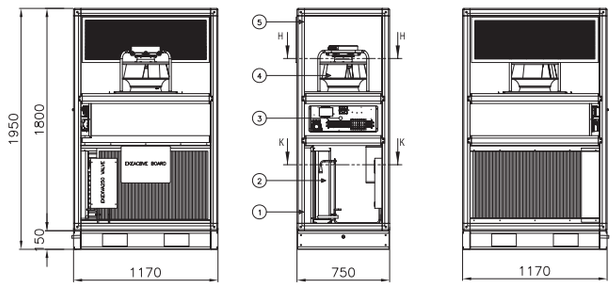


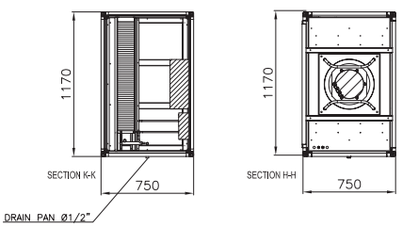


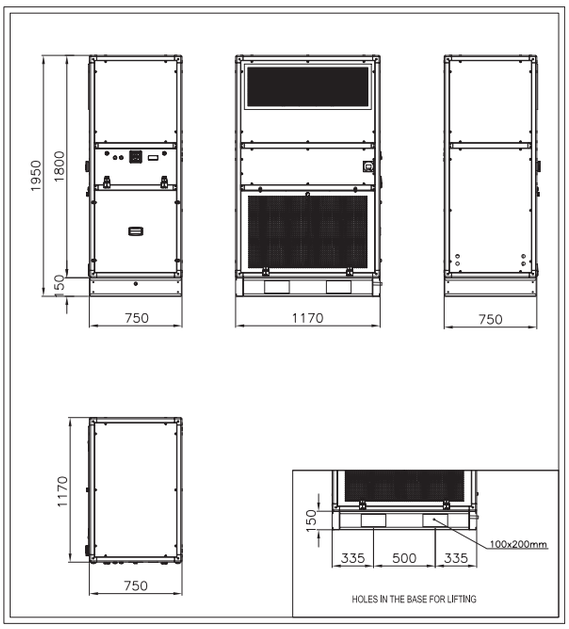


	VRV IV+ - R410A	VRV 5 – R32	ERA – R32
Ductable version	RXYSQ10TY1 	RXYSA10A 	ERA250AYF 
Standard version	RYYQ10U 		

Dimensional drawings*







*applicable to units with right-side connections

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Technical specifications

Outdoor unit

Model		RYYQ10U	RXYSQ10TY1	RXYSA10A	ERA250AYF
Unit layout					
Capacity	HP	10	10	10	10
Cooling Capacity	kW	27.5	27.5	27.5	27.5
Heating Capacity	kW	31.5	31.5	31.5	31.5
SEER		6.8	6.3	6.93	7.30
SCOP		4.3	4.1	4.42	4.50
Sound power level	dB(A)	79	76	74	74
No. of fans		1	2	1	1
Refrigerant		R410A	R410A	R32	R32
Height	mm	1,685	1,615	1,615	1,615
Length	mm	930	940	940	940
Depth	mm	765	460	460	460
Weight	kg	252	180	180	163

Vertical indoor unit

Model		Right-side connections	Left-side connections
Unit layout			
Fan type		EC	
Nominal airflow	m^3/h	4,000	
Nominal ESP	Pa	100	
Maximum ESP	Pa	500	
Weight	kg	330	
Power supply	Hz/V	3ph+N+PE/50/380	
Air filter		ePM10 55% (M5)	
Height	mm	1,950	
Length	mm	1,170	
Depth	mm	750	
Control		BRC1H52W/S/K*	
Indoor temperature operating range	Heating °C BS	10 - 27	
operating range	Cooling °C BS	20 - 35	
Connections		Right side	Left side

* Controller to be ordered separately

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