



DAIKIN APPLIED (UK) LTD

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



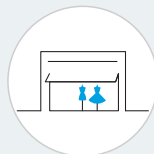
Installation flexibility designed to fit every
renovation project perfectly



Industrial



Warehouses



Showroom



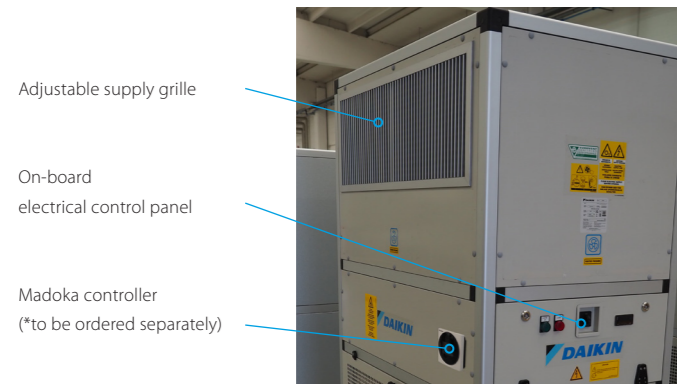
Commercial

Design Features

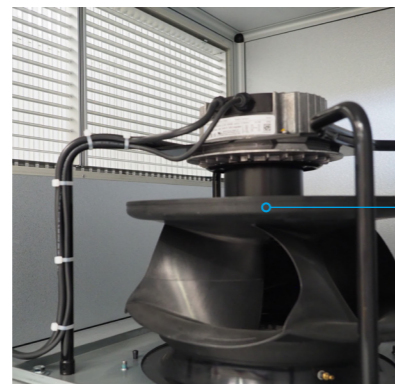
- External panel in pre-painted steel (corrosion resistance class RC5)
- Internal panel in Magnelis (corrosion resistance class RC5)
- Polyurethane insulation (density 45 kg/m³)
- 42 mm thick insulated panel
- Anodized profile
- Designed for indoor installation

Key Benefits

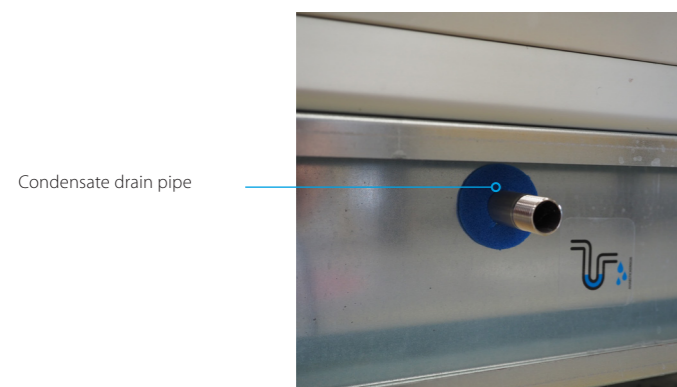
- High-efficiency air conditioning thanks to the VRT technology
- Wide operating range, with winter room temperature down to 10 °C
- Ideal for quick upgrades of existing systems
- Easy removal and relocation
- Certified regenerated refrigerant with low environmental impact (Daikin circular economy LOOP 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



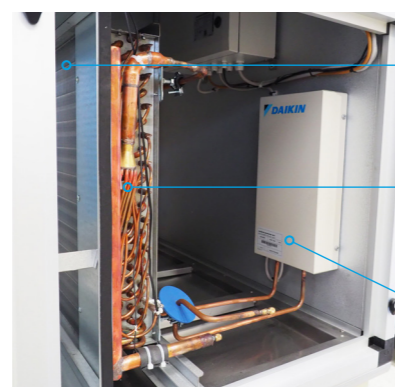
- Adjustable supply grille
- On-board electrical control panel
- Madoka controller (*to be ordered separately)



EC fan with speed control



Condensate drain pipe



Return air grille with [M5] ePM10 55% filter

DX coil

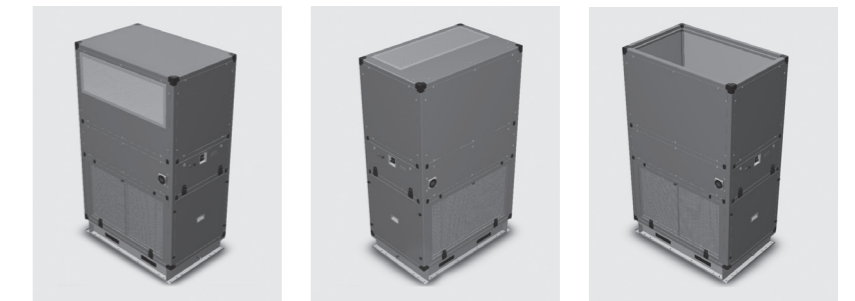
EKEXVA250 expansion valve and EKEA electronic board mounted on board

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



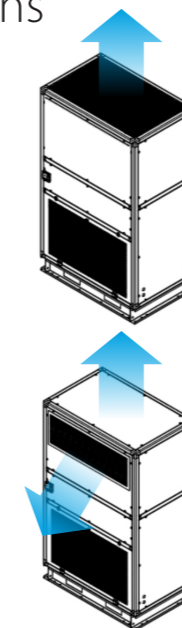
Standard front grille

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



Ductable version

Standard version

VRV IV+ - R410A

RXYSQ10TY1



VRV 5 - R32

RXYSA10A



ERA - R32

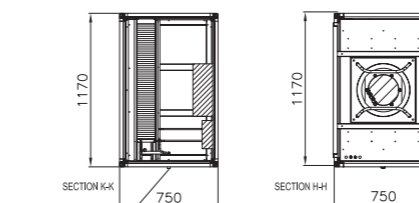
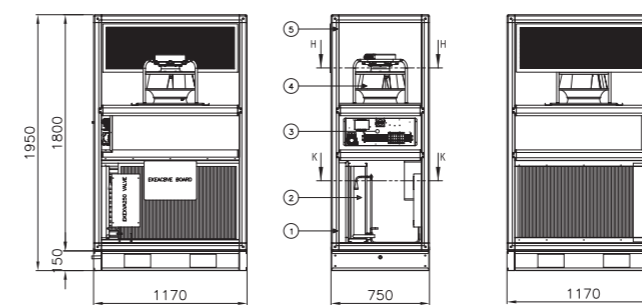
ERA250AYF



RYYQ10U

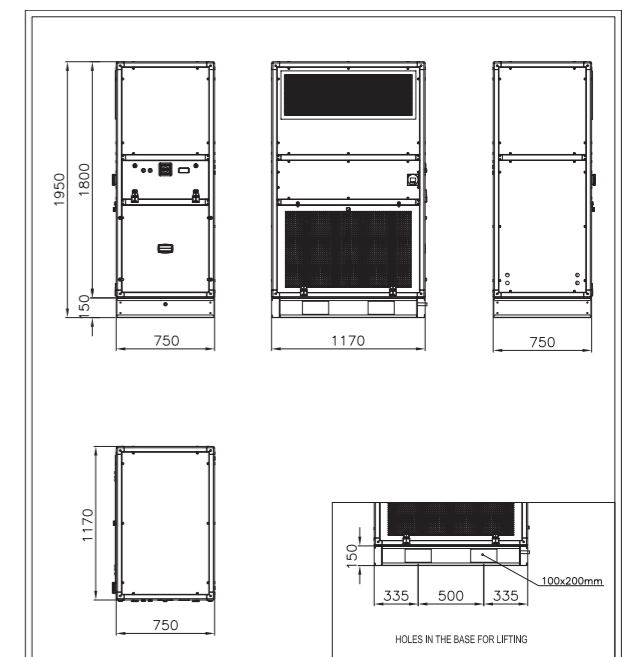


Dimensional drawings*







DRAIN PAN Ø1/2"

*applicable to units with right-side connections

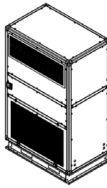
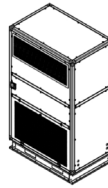


Technical specifications

Outdoor unit

Model		RYYQ10U	RXYSQ10TY1	RXYS10A	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

For Product, Service & Maintenance,
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