

# Vertical DX Floor Standing Unit

**4 Plug & Play configurations**  
designed for VRV and ERA

**Airflow**  
4.000 m<sup>3</sup>/h with EC fan

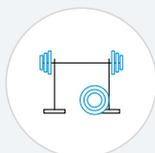
**Flexibility & Efficiency**  
Adjustable Grilles  
or Ductable Discharge



Designed for flexible installation across both new and renovation projects, accommodating larger indoor spaces.



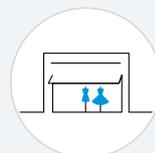
Industrial



Sport hall



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<sup>3</sup>)
- 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 R-410A 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



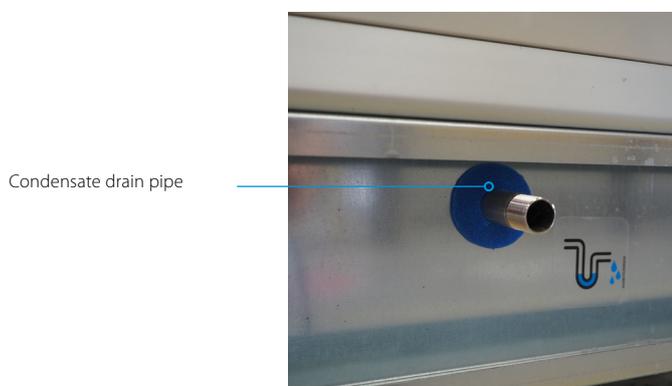
Adjustable supply grille

On-board electrical control panel

Madoka controller (\*optional)



EC fan with speed control



Condensate drain pipe



Return air grille with [M5] ePM10 55% filter

DX coil

Factory mounted 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



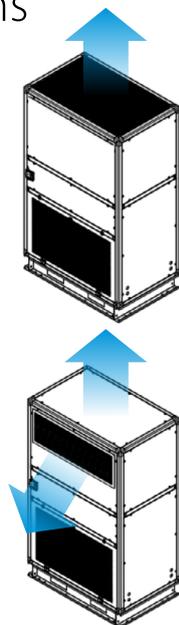
Standard top grille



Ductable

# Configurations

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



Learn more about Tightfit joints



	VRV IV+ - R-410A	VRV 5 - R-32	ERA - R-32
Ductable version	RXYSQ10TY1	RXYS10A	ERA250AYF
Standard version	RYYQ10U		

# Dimensional drawings\*

\*applicable to units with right-side connections

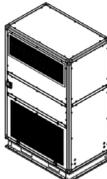
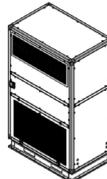
## Vertical DX floor unit

# Technical specifications

## Compatible 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			
		AVB25RBBD	AVB25LBBD
Fan type			EC
Nominal airflow	m <sup>3</sup> /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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