

R-410A

RYYQ-U

Heat Pump VRV IV+

Three revolutionary features:

1. Variable Refrigerant Temperature

Customise your VRV for best seasonal efficiency and comfort:

- › Revolutionary variable refrigerant temperature control automatically adapts the system to individual building and climate requirements for greater efficiency and comfort
- › Continuously adjusts refrigerant temperature to the actual temperature and capacity required
- › Default mode optimised by Daikin for UK conditions with maximum efficiency and comfort
- › Delivers annual cost savings of up to 28%

2. Continuous heating during defrost

The new standard in heating comfort:

- › Unique continuous heating technology makes VRV IV+ Heat Pump the best alternative to traditional heating systems
- › Delivers uninterrupted heat, even during the defrost cycle
- › Maintains comfortable indoor climate at all times

4. VRV configurator

Advanced software for simplified commissioning, servicing, configuration and customisation:

- › Simplified commissioning: graphical interface to configure, commission and upload system settings
- › Simplified servicing: additional 7-segment indicator for easy and quick access to basic functions and error read out
- › Manage systems over multiple sites



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LOOP
BY DAIKIN

RYYQ-U (up to 20 hp)

VRV IV+ Heat Pump with Continuous Heating



Outdoor Units			RYYQ8U	RYYQ10U	RYYQ12U	RYYQ14U	RYYQ16U	RYYQ18U	RYYQ20U
Capacity	Nominal Cooling	kW	22.40	28.00	33.50	40.00	45.00	50.00	56.00
	Nominal Heating	kW	25.00	31.50	37.50	45.00	50.00	56.50	63.00
Dimensions	Height x Width x Depth	mm	1685 x 930 x 765	1685 x 930 x 765	1685 x 930 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765	1685 x 1240 x 765
Weight		kg	252	252	252	319	319	378	378
Air Flow Rate		m³/sec	2.700	2.917	3.083	3.717	4.333	4.183	4.350
External Static Pressure	High	Pa	78	78	78	78	78	78	78
Electrical Details	Power Supply	Phase / Hz / V	3 / 50 / 380~415						
	Running Current	amps	8.4	11.5	14.2	17.2	20.6	23.4	29.5
	Starting Current	amps	4						
	Fuse Rating	amps	20	25	32	32	40	40	50
Refrigerant Circuit	Refrigerant Type		R410A						
	Refrigerant Charge	kg	5.9	6.0	6.3	10.3	10.4	11.7	11.8
	Additional Charge	kg	data book						
Sound Pressure		dBA	57.0	57.0	61.0	60.0	63.0	62.0	65.0
Sound Power		dBA	78.0	79.1	83.4	80.9	85.6	83.8	87.9
Piping Limits	Maximum Length	m	165	165	165	165	165	165	165
	Maximum Vertical Rise	m	data book						
Piping Connections	Liquid	inch (mm)	3/8 (9.5)	3/8 (9.5)	1/2 (12.7)	1/2 (12.7)	1/2 (12.7)	5/8 (15.9)	5/8 (15.9)
	Gas	inch (mm)	3/4 (19.1)	7/8 (22.2)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)	1 1/8 (28.6)
Capacity Index Limit			100~260	125~325	150~390	175~455	200~520	225~585	250~650
Maximum Number of Connected Indoor Units			64	64	64	64	64	64	64
Trade Condensing Unit Price			£6,448.00	£7,047.00	£8,628.00	£10,065.00	£11,616.00	£12,942.00	£14,236.00