



VRF
Water condensing

FlowLogic **V**

COMPATIBLE



+ PRODUCT

- Water condensation
- Co-axial heat exchangers
- Compact design
- Quiet



RWV06 (optional)



RWV09 (optional)

FEATURES

TECHNOLOGY



DC INVERTER

INSTALLER FUNCTIONS



SELF DIAGNOSTIC



BMS COMPATIBLE



SERVICE MONITOR TOOL

WATER FLOWLOGIC

VRF Water condensing



THE + “SUSTAINABLE DEVELOPMENT”

- > High energy efficiency (COP > 6).
- > Energy recovery from water loops.

THE + “USER”

- > 100% indoor application.
- > Practical and discreet solution.

THE + “INSTALLER”

- > Stacked installation is possible.
- > Up to 300 m of refrigeration network and 50 m height difference.

THE + “TECHNOLOGY”

- > Up to 19 indoor units.
- > Outside temperature does not affect performance.
- > Airconnect Pro: remote maintenance and management option.

ACCESSORIES

ACCESSORY	PART NUMBER	REF.	PHOTO	FUNCTION	COMMENT
Gather pipe kit for 2 outdoor groups	7ACFHH013	TBS20		• Refrigerant gathering	• For 2 outdoor groups
Gather pipe kit for 3 outdoor groups	7ACFHH014	TBS30		• Refrigerant gathering	• For 3 outdoor groups
Gather pipe kit for 4 outdoor groups	7ACFHH014 + 7ACFHH015	TBS30 + TAU2040		• Refrigerant gathering	• For 4 outdoor groups
Manifold pipe (gas + liquid)	7ACFHH001	TAU335		• Refrigerant gathering	• 33.5 kW > Total IDU power
	7ACFHH002	TAU506		• Refrigerant gathering	• 33.5 kW ≤ Total IDU power < 50.6 kW
	7ACFHH003	TAU730		• Refrigerant gathering	• 50.6 kW ≤ Total IDU power < 73 kW
	7ACFHH004	TAU1350		• Refrigerant gathering	• 73 kW ≤ Total IDU power < 135 kW
	7ACFHH015	TAU2040		• Refrigerant gathering	• 135 kW ≤ Total IDU power
Maintenance tool	7ACELH014	TD02		• Working parameters monitoring and recording tool	
Smart Wi-Fi module	7ACEL1869	-		• Remote control by the smart Wi-Fi module and controlled by the AirConnect Smart application	• Module dimensions: 86x86x12 mm.

TECHNICAL DATA

MODEL		VVWO-220R-01T32	VVWO-280R-01T32	VVWO-335R-01T32
Part number		7VF150001	7VF150002	7VF150003
Phase		<i>Three phases</i>		
Power	HP	8	10	12
COOLING MODE				
Rated power*	kW	22.4	28	33.5
Rated power input	kW	4.50	6.00	7.70
Max. power input	kW	13.00	15.00	17.00
Rated current	A	7.20	9.60	12.32
Max. current	A	20.79	23.99	27.19
EER		4.98	4.67	4.35
SEER		5.87	5.76	5.69
HEATING MODE				
Rated power*	kW	25	31.5	37.5
Rated power input	kW	4.15	5.80	7.80
Max. power input	kW	13.00	15.00	17.00
Rated current	A	6.64	9.28	12.47
Max. current	A	20.79	23.99	27.19
COP		6.02	5.43	4.81
SCOP		6.13	6.01	5.96
POWER SUPPLY				
Phase/Voltage/Frequency		3P/380-415V/50-60Hz		
PERFORMANCE				
Water flow (HS)	m ³ /h	4.8	6	7.2
Sound pressure	dB(A)	50	51	53
Sound power level (HS)	dB(A)	61	62	64
INSTALLATION				
Outline dimensions (WxHxD)	mm	775x995x545		
Package dimensions (WxHxD)	mm	840x1150x625		
Net weight/Gross weight	kg	172/183		
Compressor	Type	Scroll DCI		
	Number of compressors	1	1	1
Refrigerant/GWP		R410A/2088		
Charge	kg	2	2	2
Liquid pipe diameter	inches	9.52	9.52	12.7
Suction pipe diameter	inches	19.05	22.2	25.4
Oil equalization pipe	inches	9.52	9.52	9.52
Total pipe length	m	300	300	300
Max. pipe length (equivalent/actual)	m	150/120	150/120	150/120
Max. height between indoor and outdoor units* (ODU up/down)	m	50/40	50/40	50/40
WATER SIDE				
Inlet water connection pipe	mm	DN32	DN32	DN32
Outlet water connection pipe	mm	DN32	DN32	DN32
Pressure drop (inlet and outlet)	Kpa	35	50	70
Connection type		inner grooved	inner grooved	inner grooved
Max. system water pressure	Mpa	1.6	1.6	1.6
Inlet water temperature range (cooling/heating)	°C	7~45	7~45	7~45
CONNECTION RATIO				
Connectable indoor unit ratio	%	50-130	50-130	50-130
Maximum number of indoor units	nb	13	16	19