	Indiv	idual Zone Contro	llers	Multi-Zone	Time Clock Controllers		
AN,	7-Day Programmable Wired R/C BRC1D71	Simplified Wired R/C BRC2A71	Wireless R/C BRC7C812 BRC7E83 BRC4C82 BRC7E818	Unified On/Off R/C DSC301C71	Centralized R/C DSC302C71	Schedule DST301B61	
Model			PERSONAL PROPERTY AND PROPERTY		[[
No. of Units Controllable	-	1 Group/16 Units	→	16 Groups	64 Groups	128 Groups	
Start/Stop	V	V	V	V	V	V	
Operate Mode	V	V	V		V		
Temperature Setting Set-Point Range Permit/Prohibit Selection	V	V	V		V		
Set-Point Range	60°-90°F	60°-90°F	60°-90°F		60°-90°F		
Permit/Prohibit Selection	V			V	V	V	
Fan Speed	V	V	V		V		
Airflow Direction	V	V	V		V		
Status	V	V	V	V	V	V	
Malfunction Flashing	V	V	V	V	V		
Malfunction Content	V	V	V		/		
.E Filter Sign	V				V		
Filter Sign Operation Mode Temperature Setting	V	V	V		V		
Temperature Setting	V	V	V		· · · · · · · · · · · · · · · · · · ·		
Permit/Prohibit Selection	V	V		V			
Fan Speed	V	V	V		V		
Airflow Direction	V		V		V		
වු Weekly						v	
Timed Starts/Stops Per Day						2	
Weekly Timed Starts/Stops Per Day No. of Weekly Schedules					8		
Auto ON/OFF Timer	V	the same of	V				
Data Error History					V		
Field Setting Mode	V	V	V		V		
☐ Group Setting	V	V	V	V	V	V	
7-Day Time Clock	V	~	V		V	V	
Group Setting 7-Day Time Clock 5-Temperature Setpoints Per Day Minimum Night Setting Maximum Day Setting Night Set-Back Function	V	V	V		V	V	
Minimum Night Setting	V	V	V		V	V	
Maximum Day Setting	V	V	V		V	V	
Night Set-Back Function	V	V	V		V	V	
Home Leave Function	V	~	V		V	V	
Auto Restart	V	V			V	V	

LONWORKS NETWORKS COMPATIBLE GATEWAY

- Interface for connection to LonWorks® networks
- Communication via LON® protocol (twisted pair wire)
- 64 units connectable per DMS-IF
- · Unlimited site size
- Quick, easy installation



INTEGRATED CONTROL SYSTEM CONNECTING VRV SYSTEM WITH BMS SYSTEM

- Interface for BMS system
- Communication via BACnet® protocol (connection via ethernet)
- 256 units connectable per BACnet® gateway
- Unlimited site size
- Quick, easy installation





• 64 groups (128 indoor units) connectable

intelligent Controller

- Management of AC units, facilities, and ancillary equipment
- Touch screen display
- · Built-in Ethernet port, Web enabled (optional)





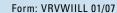


Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.



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131-WII

Variable Refrigerant Volume

Water Cooled Commercial Applications

- Available up to 21 ton in 7 combinations
- Individual zone control
- Up to 32 indoor units can be connected with a choice of 8 different styles and 36 models ranging from 0.5 to 4 ton
- Connect to a cooling tower (closed loop) and boiler system





- Stacked installation possible
- Cold climate capability delivering comfortable heating performance with no defrost
- 2-stage heat recovery operation substantially improving energy efficiency
- Long refrigerant piping length
- Quiet operation
- Fully integrated control suite



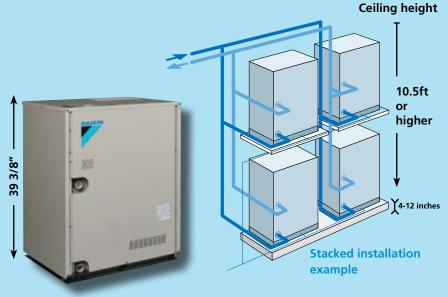


absolute comfort™

Water Cooled VRV - The Next Generation of VRV

Daikin's water cooled VRV® offers an energy saving alternative to traditional centralized equipment. Its remarkable compact and lightweight structure makes installation of VRV technology in large buildings possible. At only 330 lbs. and less than 40" high, the VRV®-WII can take a ride up the elevator to be installed in a machine room. Offering state of the art comfort for hotels, offices and large commercial applications, the engineer solution toolbox just got bigger.

The VRV system keeps running costs at an absolute minimum by controlling each zone individually and being able to shut down completely in unoccupied areas.



Inverter Heat Recovery*

One system provides simultaneous cooling and heating *Also available in Inverter Heat Pump

VRV-WII Features & Benefits									
Choice	5, 6, 7, 12, 14, 18 and 21 ton, 208 ~ 230V / 3-phase power for commercial applications. Unified heat pump or heat recovery (simultaneous operation) outdoor unit.								
	Unified heat pump or heat recovery (simultaneous operation) outdoor unit.								
Advanced Zoning	7 combinations of condensing unit, up to 21-ton serving up to 32 indoor units.								
Independent Control	Each fan coil has its own control from a single outdoor unit.								
VFD/Capacity Control	Capacity is modulated automatically by varying refrigerant volume to deliver the precise amount of heating or cooling. Each zone independently controls its capacity by precise PID control to within + / - 1° F in conjunction with electronic expansion valve equipped indoor units. Variable speed compressor and fan motors on the condensing unit.								
Optimized R-410A Design	The industry benchmark is the world's first R-410A operated Water Cooled variable refrigerant volume (VRV-WII) system and represents a considerable technological advances over comparable systems.								
Flexible Design	Continuous operation allows for cold climate capability delivering comfortable heating performance with no defrost. Long refrigerant lines, up to 980 feet of pipe (390 feet max. linear liquid piping length), 164 feet height difference. The Water Pressure Resistance of the condensing unit BPHE is 285 psi (640 ft. of head). Optimum water flow rates of 16 gpm or greater (operable range 13.2 ~ 39.6 gpm). Modular units can be interconnected to make combinations of up to 21 tons systems. Operates with closed loop cooling tower, dry cooler and boiler solutions. System diversity up to 130% connectivity of nominal capacity.								
Indoor Units	A choice of ducted fan coils, 4-way cassette, ceiling suspended, wall mounted or floor console. Capacities from 1/2 (7MBH) to 4 (48 MBH) Ton.								
Simple Wiring	Daisy chain control wiring, 2 wire, non-shielded, non-polarized cable for simple installation.								
Energy Efficiency	VFD Inverter Scroll Compressor & Fan Coil Unit EEV Technology helps boost operational efficiency levels. 2-stage heat recovery operation substantially improving energy efficiency.								
Outside Air	Outside air capability with ducted fan coils and ductless cassette units.								
Space Saving	Compact size, 39-3/8" in height, 30-3/4" wide and just 330lbs. Modular cabinet enables stacked multiple installation.								
Advanced Diagnostics	The advanced, self-diagnostic, auto-check function will detect a malfunction and immediately display the type and location so it can be resolved quickly and effectively.								
Advanced Controls	Zone LCD Remote Controller for up to 16 zones and provides a host of operational functions, including 7-Day Programmability. Connects to the full suite of advanced Daikin Control Solutions including I-Touch Controller and I-Manager. Can be intergrated to Open Protocol Building Management Systems via the Daikin BACnet and LONworks Gateways.								
Quiet	Indoor and outdoor units offer quiet operation. FXFQ indoor unit has a sound pressure level as low as 28dB(A) and the RWEYQ condensing unit as low as 50dB(A).								

	N				0.5	Ton	0.75 Ton		1.0 Ton	1.5 Ton	2.0 Ton	2.5 Ton	3.0 Ton	4.0 Ton
	NDOOR UNITS - FXSQ Concealed													208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	acity	Btu/h			FXSQ09MVJI	U	FXSQ12MVJU 12,000	FXSQ18MVJU 18,000	FXSQ24MVJU 24,000	FXSQ30MVJU 30,000	FXSQ36MVJU 36,000	FXSQ48MVJU 48,000
		Heating Cap		Btu/h					13,500	20,000	27,000	34,000	40,000	54,000
		Sound Press	sure Level	dB(A) H/L			Contact Daikin		41/35 1	44/38 1	44/38 1	45/39 ¹	45/39 ¹	48/431
Ь		Airflow H/L Weight		cfm lbs.			further detail	IS	340/230 69	530/390 73	740/490 95	950/720 119	990/740 119	1300/950 122
P		Dimensions		in.						11 7/8 x 27 1/2 x 31 1/2			11 7/8 x 55 1/8 x 31 1/2	11 7/8 x 55 1/8 x 31 1/2
	NDOOR UNITS - FXMQ Concealed		t (medium st	atic)								EVA 4 DOOR AV III		208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	acity	Btu/h								5XMQ30MVJU 30,000	55,000 FXMQ36MVJU	FXMQ48MVJU 48,000
		Heating Cap		Btu/h								34,000	40,000	54,000
		Sound Press	sure Level	dB(A) H/L								45/41 ²	45/41 ²	48/45 ²
		Airflow H/L Weight		cfm lbs.								690/565 99	1020/810 139	1270/1020 144
			nsions (H x W x D) in.									15 3/8 x 28 3/8 x 27 1/8	15 3/8 x 43 3/4 x 27 1/8	15 3/8 x 43 3/4 x 27 1/8
	NDOOR UNITS - FXFQ 4 Way Ceil		Cassette Un	it	=/=0-		EV/E0 11/1/			E1/E0 1 1 1 1 1 1				208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	o o itv	Btu/h	FXFQ0	7MVJU	FXFQ09MVJU	J	FXFQ12MVJU 12,000	FXFQ18MVJU 18,000	FXFQ24MVJU 24,000	FXFQ30MVJU 30,000	55,000 FXFQ36MVJU	
		Heating Cap		Btu/h					13,500	20,000	27,000	34,000	40,000	
		Sound Press	sure Level	dB(A) H/L	Contact	Daikin for	Contact Daikin	for	31/28 ²	33/28 ²	34/29 ²	38/32 ²	40/33 ²	
		Airflow H/L Weight		cfm lbs.		details	further detail		460/350 55	570/390 55	670/490 55	990/710 66	990/740 66	
	(1)		ons (H x W x D)						9 1/8 x 33 1/8 x 33 1/8	9 1/8 x 33 1/8 x 33 1/8	9 1/8 x 33 1/8 x 33 1/8		11 3/8 x 33 1/8 x 33 1/8	
			ons (H x W x D)	in.					1 5/8 x 37 3/8 x 37 3/8	1 5/8 x 37 3/8 x 37 3/8	1 5/8 x 37 3/8 x 37 3/8	1 5/8 x 37 3/8 x 37 3/8	1 5/8 x 37 3/8 x 37 3/8	
h	NDOOR UNITS - FXAQ Wall Mour	Model			EAVO	7MVJU	FXAQ09MVJI		FXAQ12MVJU	FXAQ18MVJU	FXAQ24MVJU			208 - 230V / 1Ph / 60Hz)
		Cooling Cap	acity	Btu/h		500	9,500	U	12,000	18,000	24,000			
-		Heating Cap	acity	Btu/h	8,!	500	10,500		13,500	20,000	27,000			
		Sound Press	sure Level	dB(A) H/L		/31 3	37/31 ³		38/31 ³	43/37 3	47/40 ³			
	5 1-3	Airflow H/L Weight		cfm lbs.		/160 25	285/175 25		300/180 25	500/400 31	635/470 31			
		Dimensions	(H x W x D)	in.		31 1/4 x 9	11 3/8 x 31 1/4 x	9	11 3/8 x 31 1/4 x 9	11 3/8 x 41 3/8 x 9	11 3/8 x 41 3/8 x 9			
	NDOOR UNITS - FXLQ Floor Cons								EVI 019MB/ III	EVI 0 10 MV III	EVI ODALAVI III			208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	acity	Btu/h					FXLQ12MVJU 12,000	FXLQ18MVJU 18,000	FXLQ24MVJU 24,000			
		Heating Cap		Btu/h					13,500	20,000	27,000		1	
		Sound Press	sure Level	dB(A) H/L					36/33 4	40/35 4	41/36 4			
		Airflow H/L Weight		cfm lbs.					280/210 66	490/380 80	560/4 <mark>20</mark> 80	-		
		Dimensions	(H x W x D)	in.					23 5/8 x 44 7/8 x 8 3/4	23 5/8 x 55 7/8 x 8 3/4	23 5/8 x 55 7/8 x 8 3/4			
	NDOOR UNITS - FXNQ Concealed		le Unit						EVALOADAN/III	EVALOADAN/III	EVALORA NA III.			208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	acity	Btu/h					FXNQ12MVJU 12,000	FXNQ18MVJU 18,000	FXNQ24MVJU 24,000			
		Heating Capacity Btu/h							13,500	20,000	27,000			
		Sound Press	sure Level	dB(A) H/L					36/33 ⁴	40/35 4	41/36 4			
		Airflow H/L		cfm					280/210 51	490/380 59	560/420 59	_		
		Weight Ibs. Dimensions (H x W x D) in.		in.					24 x 42 1/8 x 8 5/8	24 x 53 1/8 x 8 5/8	24 x 53 1/8 x 8 5/8	-		
	NDOOR UNITS - FXHQ Ceiling Su		sette Unit											208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	acity	Btu/h					FXHQ12MVJU 12,000		FXHQ24MVJU 24,000		FXHQ36MVJU 36,000	
	THE REAL PROPERTY.	Heating Cap		Btu/h					13,500		27,000		40,000	
	Research	Sound Pressure Level dB(A) H/L Airflow H/L cfm		dB(A) H/L					38/33 ³		44/36 ³		46/41 ³	
				cfm lbs.					410/340 55		710/600 80	_	830/670 90	
		Dimensions	(H x W x D)	in.					7 11/16 x 37 13/16 x 26 3/4		7 11/16 x 55 1/8 x 26 3	/4	7 11/16 x 62 5/8 x 26 3/4	
	NDOOR UNITS - FXDQ Slim Duct		ealed Ceilin	ıg Unit	EVP 0	78.607.007	EVP 0000		EVDC4014:	EVDC 401 TO THE	EVECOM			208 - 230V / 1Ph / 60Hz)
		Model Cooling Cap	acity	Btu/h		7MVJU 500	FXDQ09MVJI 9,500	U	FXDQ12MVJU 12,000	FXDQ18MVJU 18,000	FXDQ24MVJU 24,000	-		
		Heating Cap		Btu/h		500	10,500		13,500	20,000	27,000			
		Sound Press		dB(A) H/L	33/	′29 ²	33/29 ²		33/29 ²	35/31 ²	36/32 ²			
	THE REAL PROPERTY.	Airflow H/L Weight		cfm lbs.		<mark>/22</mark> 6 19	280/226 49		280/226 49	440/350 68	580/460 75	-		
		Dimensions (H x W x D) in.					4 7/16	7 7/8 x 27 9 1/16 x 24 7/16			16			
	OUTDOOR UNIT - Unified Heat Pur		Recovery				5 Ton		6 Ton	7 Ton	12 Ton	14 Ton	18 Ton	21 Ton
		Model	Name Combination	on_			RWEYQ60MT.	JU	RWEYQ72MTJU	RWEYQ84MTJU	RWEYQ144MTJU 2x RWEYQ72MTJ		RWEYQ216MTJU 3x RWEYQ72MTJU	RWEYQ252MTJU 3x RWEYQ84MTJU
			Power Sup	ply		V/Ph/Hz	208-230/3/60)	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60	208-230/3/60
	50	C	Cooling Ca	put Power		Btu/h kW	60,000 3.41		72,000 4.2	84,000 5.6	144,000 8.4	168,000 11.2	216,000 12.6	252,000 16.8
	Perform		Heating Ca	apacity		Btu/h	67,500		81,000	94,500	162,000	189,000	243,000	283,500
				put Power ssure Level @3	eft.	kW dB(A)	3.2 (10,918) 50		4.0 (13,648) 50	5.4 (18,425) 51	8.0 (27,296) 53	10.8 (36,850) 54	12.0 (40,944) 56	16.2 (55,274) 57
			Liquid Pipe		iit.	inch	3/8		3/8	3/8	1/2	5/8	5/8	3/4
	Refrigerant Side		Suction Ga	as Pipe		inch	3/4		3/4	7/8	1-1/8	1-1/8	1-1/8	1-1/4
	The off 7	Refrigerant	Discharge Gas Pipe Vertical Pipe Length (If unit below FCU) Actual Pipe Length			inch ft.	5/8 164 (130)		5/8	3/4	7/8	7/8 164 (130)	164 (130)	1-1/8 164 (130)
		Side							164 (130)	164 (130)	164 (130)	-		
	Water side (Equivale Total Pi) BPHE In BPHE O		(Equivalent Length)			ft.	390 (459)		390 (459)	390 (459)	390 (459)	390 (459)	390 (459)	390 (459)
			Total Pipe	ength ft.		980		980	980	980	980	980	980	
			BPHE Inlet Pipe (Female BPHE Outlet Pipe (Female			inch inch	1-1/4FPT 1-1/4FPT		1-1/4FPT 1-1/4FPT	1-1/4FPT 1-1/4FPT	(1-1/4FPT)x2 (1-1/4FPT)x2	(1-1/4FPT)x2 (1-1/4FPT)x2	(1-1/4FPT)x3 (1-1/4FPT)x3	(1-1/4FPT)x3 (1-1/4FPT)x3
				Drain Pipe (Female Thread) inch		1-1/4FP1 1/2FPS		1/2FPS	1/2FPS	(1/2FPS)x2	(1/2FPS)x2	(1/2FPS)x3	(1/2FPS)x3	
		BPHE Water Pressure Resistance		psi	285		285	285	285	285	285	285		
			Weight		lbs		330		330	330	330x2	330x2	330x3	330x3
Ļ			Dimension	ns (H x W x D)					9-3/8x30-3/4x21-11/16		(39-3/8x30	-3/4x21-11/16)x2		/4x21-11/16)x3 —►
	Ratings based upon:			10	erating Ra		Heatin-		Continuous	Operating Ranges	Hosting	(For use with R Model	WEYQ-Heat Recovery BSVQ36MVJU	Configurations) BSVQ60MVJU
	ooling Operation 5°F Inlet Water Temperature & 25.4gpm Wa	ater Volume				Cooling	Heating			Cooling	Heating	Connection Capacity	36,000 Btu/h	60,000 Btu/h
	7°F WB Indoor Air Temperature quivalent Pipe Length 25ft, level difference		Inlet Water	Temperature	(F)	50 ~ 112	50 ~ 112	Inlet \	Water Temperature (°I	F) 60 ~ 112	60 ~ 112	Outdoor Pipe Work Unit Side	1/2" Flare (D	Suction Gas) ischarge Gas)
	Heating Operation 70°F Inlet Water Temperature & 25.4gpm Water Volume 70°F DB Indoor Air Temperature		Indoor Temperature (°FDB)			50 ~ 80 Indoor T		r Temperature (°FDB)		60 ~ 80	Connections Indoor Unit	3/8" Fla	re (Liquid) are (Gas)	
												Side	3/8" Fla	re (Liquid)
				perature (°FV	VB)	55 ~ 80		Indoo	r Temperature (°FWB)	55 ~ 80		Weight (lbs) Dimensions (H x W x D)	18 7 1/4 x 12 1/4 x 11	18 7 1/4 x 12 1/4 x 11
_													daikinac co	