



XPower

FEATURES

Carrier proudly introduces the X-Power VRF system with a flexible design to suit in a variety of applications.

High efficiency in cooling and heating.

Wide range of operation.

Any single unit can be set as the master unit in a multiple system when the master unit fails in the system to keep operating.

Intelligent soft start technology.

Quick warm-up & cool-down design.

Night time silent operation mode.

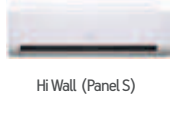
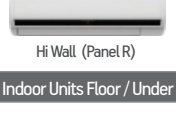
Long piping length.



UNITS

INDOOR UNITS LINEUP

Indoor Units Cassette - VRF DC Inverter			
	40VX006H11200010	2.2	2.4
	40VX009H11200010	2.8	3.2
	40VX012H11200010	3.6	4.0
	40VX018H11200010	4.5	5.0
	42VF00A00	Panel for compact 4 way cassette	
	40VK009H11200010	2.8	3.2
	40VK012H11200010	3.6	4.0
	40VK018H11200010	4.5	5.0
	40VK024H11200010	5.6	6.3
	40VK028H11200010	7.1	8.0
	40VK032H11200010	8.0	9.0
	40VK036H11200010	9.0	10.0
	40VK040H11200010	10.0	11.0
	40VK048H11200010	11.2	12.5
	40VK056H11200010	14.0	15.0
	40GF00A00	Panel for 4 way cassette	
	40VZ009H11200010	2.8	3.2
	40VZ012H11200010	3.6	4.0
	40VZ018H11200010	4.5	5.0
	40VZ024H11200010	5.6	6.3
	40VZ00A00	Panel for 1 way cassette(2.8-3.6kw)	
	40VZ00A01	Panel for 1 way cassette(4.5-5.6kw)	
	40VT006H10200010	2.2	2.6
	40VT009H10200010	2.8	3.2
	40VT012H10200010	3.6	4.0
	40VT018H10200010	4.5	5.0
	40VT024H10200010	5.6	6.3
	40VT028H10200010	7.1	8.0
	40VT00A00	Panel for 2 way cassette	
Indoor Units Ducted - VRF DC Inverter			
	42VD005H112002010	1.8	2.2
	42VD006H112002010	2.2	2.6
	42VD009H112002010	2.8	3.2
	42VD012H112002010	3.6	4.0
	42VD018H112002010	4.5	5.0
	42VD024H112002010	5.6	6.3
	42VD005H112002011	1.8	2.2
	42VD006H112002011	2.2	2.6
	42VD009H112002011	2.8	3.2
	42VD012H112002011	3.6	4.0
	42VD018H112002011	4.5	5.0
	42VD024H112002011	5.6	6.3
	42VD028H112002011	7.1	8.0
	42VD005H112013011	1.8	2.2
	42VD006H112013011	2.2	2.6
	42VD009H112013011	2.8	3.2
	42VD012H112013011	3.6	4.0
	42VD018H112013011	4.5	5.0
	42VD024H112013011	5.6	6.3
	42VD028H112013011	7.1	8.0
	42VD006H112003010	2.2	2.4
	42VD009H112003010	2.8	3.2
	42VD012H112003010	3.6	4.0
	42VD018H112003010	4.5	5.0
	42VD024H112003010	5.6	6.3
	42VD028H112003010	7.1	8.0
	42VD032H112003010	8.0	9.0
	42VD036H112003010	9.0	10.0
	42VD040H112003010	10.0	11.0
	42VD048H112003010	11.2	12.5
	42VD052H112003010	12.5	13.5
	42VD054H112003010	14.0	15.5

	42VD028H112011010	7.1	8.0
	42VD032H112011010	8.0	9.0
	42VD036H112011010	9.0	10.0
	42VD048H112011010	11.2	12.5
	42VD054H112011010	14.0	16.0
	42VD055H112011010	16.0	18.0
	42VD056H112011010	20.0	22.5
	42VD058H112011010	25.0	26.0
	42VD060H112011010	28.0	31.5
	42VD052H112211010	12.5	10.5
	42VD054H112211010	14.0	12.0
	42VD056H112211010	20.0	18.0
	42VD058H112211010	25.0	20.0
	42VD060H112211010	28.0	22.0
	42VS006H112003010	2.2	2.4
	42VS009H112003010	2.8	3.2
	42VS012H112003010	3.6	4.0
	42VS018H112003010	4.5	5.0
	42VS024H112003010	5.6	6.3
	42VS028H112003010	7.1	8.0
	42VS032H112003010	8.0	9.0
Indoor Units Hi Wall - VRF DC Inverter			
	42VH006H112000101	2.2	2.4
	42VH009H112000101	2.8	3.1
	42VH012H112000101	3.6	4.0
	42VH018H112000101	4.5	5.0
	42VH024H112000101	5.6	6.0
	42VH028H112000102	7.1	8.0
	42VH032H112000102	8.0	9.0
	42VH036H112000102	9.0	10.0
	42VH048H112000102	11.2	12.5
Indoor Units Floor / Under - Ceiling & Console & Floor Standing - VRF DC Inverter			
	42VF012H112000010	3.6	4.0
	42VF018H112000010	4.5	5.0
	42VF024H112000010	5.6	6.3
	42VF028H112000010	7.1	8.0
	42VF032H112000010	8.0	9.0
	42VF036H112000010	9.0	10.0
	42VF048H112000010	11.2	12.5
	42VF054H112000010	14.0	15.5
	42VC006H112000010	2.2	2.6
	42VC009H112000010	2.8	3.2
	42VC012H112000010	3.6	4.0
	42VC018H112000010	4.5	5.0



turn to the experts

X-Power FULL DC Inverter Super S Series			38VF008H119010	38VF010H119010	38VF012H119010	38VF014H119010	38VF016H119010	38VF018H119010
Cooling	Capacity	W	25200	28000	33500	40000	45000	50000
	Input	W	5880	7050	8800	11300	13200	14800
	EER	W/W	4.29	3.97	3.81	3.54	3.40	3.38
	IPLV		5.6	5.7	5.6	5.5	5.4	5.8
Heating	Capacity	W	27000	31500	37500	45000	50000	56000
	Input	W	6150	7550	9000	11200	12800	14400
	COP	W/W	4.39	4.17	4.17	4.02	3.91	3.89
Compressor	Quantities		1	1	1+1	1+1	1+1	1+1
	Type		DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter	DC Inverter
Sound pressure level		dB(A)	57	57	59	61	62	62
Max quauantity of indoor units			13	16	20	23	26	29
Outdoor unit	Dimension(WxHxD)	mm	960x1615x765	960x1615x765	1250x1615x765	1250x1615x765	1250x1615x765	1250x1615x765
	Net weight	Kg	212	212	288	288	288	310
Refrigerant piping	Liquid side/ Gas side(*4)	mm	Φ12.7/Φ25.4	Φ12.7/Φ25.4	Φ15.9/Φ31.8	Φ15.9/Φ31.8	Φ15.9/Φ31.8	Φ19.1/Φ31.8
Power supply		V-Ph-Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz

Note: 38VF018H119010 need to customise

X-Power FULL DC Inverter Super R Series			38VR008H119010	38VR010H119010	38VR012H119010	38VR014H119010	38VR016H119010
Cooling	Capacity	kW	25.2	28	33.5	40	45
		Btu/h	86,000	95,500	114,300	136,500	153,500
		kcal/h	21,703	24,115	28,852	34,450	38,756
	Input	kW	5.87	7.20	9.05	12.31	14.02
	EER	W/W	4.29	3.89	3.70	3.25	3.21
Heating	Capacity	kW	27	31.5	37.5	45	50
		Btu/h	92,100	107,500	128,000	153,500	170,600
		kcal/h	23,253	27,129	32,297	38,756	43,062
	Input	kW	6.15	7.61	8.99	11.19	12.79
	COP	W/W	4.39	4.14	4.17	4.02	3.91
Connectable indoor unit	Maximum		13	16	16	16	20
	Cooling capacity range	kW	12.6~32.76	14~36.4	16.75~43.55	20~52	22.5~58.5
Compressor Configuration			Hermetically sealed scroll type				
Compressor Motor input		kW	3.6+5.1	3.6+5.7	3.6+5.7	3.6+5.1 ×2	3.6+5.7 ×2
Air flow		m³/h	11,700	11,700	15,600	15,600	15,600
Sound pressure level		dB(A)	57	57	59	60	60
Outdoor unit Dimension	Body(W×H×D)	mm	960×1615×765	960×1615×765	1,250×1,615×765	1,250×1,615×765	1,250×1,615×765
Net weight		kg	245	245	275	325	325
Refrigerant Type and Charged Volume		kg	R410A (10)	R410A (10)	R410A (12)	R410A (15)	R410A (15)
Refrigerant piping	Liquid side	mm	Φ12.7	Φ12.7	Φ12.7	Φ15.9	Φ15.9
	Gas side	mm	Φ25.4	Φ25.4	Φ25.4	Φ31.8	Φ31.8
Power supply		V-Ph-Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz	380~415V 3Ph~50Hz

X-power DC Inverter Eco K Series			38VR008H1190K0	38VR010H1190K0	38VR012H1190K0	38VR014H1190K0	38VR016H1190K0	38VR018H1190K0
Cooling	Capacity	W	25200	28000	33500	40000	45000	50000
	Input	W	5880	7200	9050	12300	14000	15700
	EER	W/W	4.29	3.89	3.70	3.25	3.21	3.18
	IPLV	Btu/h	5.3	5.2	5.2	5.1	5.1	5.2
Heating	Capacity	W	27000	31500	37500	45000	50000	56000
	Input	W	6150	7600	9000	11200	12800	14500
	COP	W/W	4.39	4.14	4.17	4.02	3.91	3.86
Compressor	Quantities		1	1	1+1	1+1	1+1	1+1
	Type		DC Inverter	DC Inverter	DC Inverter+Fix speed	DC Inverter+Fix speed	DC Inverter+Fix speed	DC Inverter+Fix speed
Sound pressure level		dB(A)	57	57	59	60	60	61
Max quauantity of indoor units			13	16	20	23	26	29
Outdoor unit	Dimension(WxHxD)	mm	960x1615x765	960x1615x765	1250x1615x765	1250x1615x765	1250x1615x765	1250x1615x765
	Net weight	Kg	198	198	268	280	280	300
Refrigerant piping	Liquid side/ Gas side	mm	12.7/25.4	12.7/25.4	15.9/31.8	15.9/31.8	15.9/31.8	19.1/31.8
Power supply		V-Ph-Hz	380V-3Ph-50Hz	380V-3Ph-50Hz	380V-3Ph-50Hz	380V-3Ph-50Hz	380V-3Ph-50Hz	380V 3N~ 50Hz

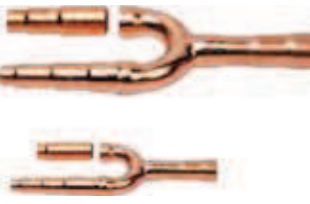
X power FULL DC Inverter MINI H Series			38VR004H112010	38VR005H112010	38VR006H112010	38VR004H119010
Cooling	Capacity	kW	12	14	16	12
	Input	W	3950	4850	5650	3900
	EER		3.04	2.89	2.74	3.08
	IPLV		4.40	4.50	4.60	4.40
Heating	Capacity	kW	13.2	15.4	17	13.2
	Input	W	3550	4350	5500	3750
	COP		3.72	3.54	3.09	3.52
Compressor	Quantities		1	1	1	1
	Type		DC Inverter	DC Inverter	DC Inverter	DC Inverter
Sound pressure level		dB(A)	58	57	57	57
Outdoor unit	Dimension (WxHxD)	mm	900x1327x320	900x1327x320	900x1327x320	900x1327x320
	Net weight	kg	95	95	100	95
Refrigerant piping	Liquid side/ Gas side	mm	Ø9.52/Ø15.9	Ø9.52/Ø15.9	Ø9.52/Ø15.9	Ø9.52/Ø15.9
Power supply		V-Ph-Hz	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	380-415V-3N~50Hz

X power FULL DC Inverter MINI H Series			38VR005H119010	38VR006H119010	38VR008H11901S	38VR010H11901S
Cooling	Capacity	kW	14	15.5	22.4	26
	Input	W	4750	5600	7200	8400
	EER		2.95	2.77	3.11	3.10
	IPLV		4.50	4.60	4.70	5.10
Heating	Capacity	kW	15.4	17	24.5	28.5
	Input	W	4550	5400	6700	7900
	COP		3.38	3.15	3.66	3.61
Compressor	Quantities		1	1	1	1
	Type		DC Inverter	DC Inverter	DC Inverter	DC Inverter
Sound pressure level		dB(A)	57	57	59	60
Outdoor unit	Dimension (WxHxD)	mm	900x1327x320	900x1327x320	1120x1558x400	1120x1558x400
	Net weight	kg	95	102	146.5	147
Refrigerant piping	Liquid side/ Gas side	mm	Ø9.52/Ø15.9	Ø9.52/Ø15.9	Ø9.52/Ø19.1	Ø9.52/Ø22.2
Power supply		V-Ph-Hz	380-415V-3N~50Hz	380-415V-3N~50Hz	380-415V-3N~50Hz	380-415V-3N~50Hz

CONTROLS

Type		
Individual Controller *6: Standard individual controller is WL-12-CM, other individual controller need to customise.	Remote controller	 WL-12-CM  WL-14-CM
	Wired controller	 WR-10-CM  WR-12-CM  WR-29B-CM  WR-90-CM  WR-120-CM
Centralized Controller		 CRF-10-CM  WCRF-10-CM  CRC-10-CM  CRF-30-CM
BMS Gateway		 BACNET Gateway  MODBUS Gateway  LONWORK Gateway
Network Control Software & Hardware Used for network control and power fee calculation.		 
Accessories		 Hotel card  Infra-red  NIM  ODU alarm module  AHU kit  Data converter  digital power meter

ACCESSORIES

Model	Feature	Model name	Description
Branch joint for 410A outdoor unit		BJC-02-CM	For two outdoor units connection
		BJC-03-CM	For three outdoor units connection
		BJC-04-CM	For four outdoor units connection
Branch joint for R410A indoor unit		BJF-224-CM	$A^* < 16.6\text{kW}$
		BJF-330-CM	$16.6 \leq A^* < 33\text{kW}$
		BJF-710-CM	$33\text{kW} \leq A^* < 66\text{kW}$
		BJF-1344-CM	$66\text{kW} \leq A^* < 92\text{kW}$
		BJF-E1344-CM	$92\text{kW} \leq A^*$
		BJF-QT4-CM	Mini VRF
AHU KIT		AHU KZ - 01A AHU KZ - 02A AHU KZ - 03A	Control Box

A*:The total capacity of indoor units following this branch joint