



**Model name: CK400A-V\*A1AN1B**

Model index	06	07	09	12	15	18	24
Power supply	1 phase, 220-240V, 60Hz						
Cooling capacity (kW/kBtu/h)	1.8/6	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24
Heating capacity (kW/kBtu/h)	2.2/7	2.6/8	3.2/10	4/13	5/17	6.3/21	8/27
Indoor air flow (m³/h)	523/404/275		573/456/315		693/600/476	792/688/549	933/749/592
Sound pressure level (dB(A))	37/34/30	37/34/30	39/37/34	40/38/34	41/39/35	42/40/36	44/41/37

**Model name: CK400A-V\*A4AN1B**

Model index	09	12	15	18	24	28	32	36	40	48	56
Power supply	1 phase, 220-240V, 60Hz										
Cooling capacity (kW/kBtu/h)	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	10/34	11.2/38	14/47	16/54
Heating capacity (kW/kBtu/h)	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	11.1/37	12.5/42	16/54	18/61
Indoor air flow (m³/h)	791/674/596	791/674/596	942/777/662	942/777/662	1235/1013/805	1235/1013/805	1333/1158/957	1634/1219/1139	1692/1243/1157	2100/1950/1800	2100/1950/1800
Sound pressure level (dB(A))	30/25/22	30/25/22	35/31/27	35/31/27	43/37/31	43/37/31	43/38/32	45/37/35	46/38/37	46/44/42/41	46/44/42/41

**Model name: CK400A-V\*ACAN1B**

Model index	07	09	12	15
Power supply	1 phase, 220-240V, 60Hz			
Cooling capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15
Heating capacity (kW/kBtu/h)	2.4/8	3.2/10	4/13	5/17
Indoor air flow (m³/h)	397/292/215		408/310/231	
Sound pressure level (dB(A))	36/33/23		42/36/29	

**Model name: CC400A-V\*AUANMB**

Model index	07	09	12	15	18	24	28	32	40	48	56
Power supply	1 phase, 220-240V, 60Hz										
Cooling capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	11.2/38	14/47	15/51
Heating capacity (kW/kBtu/h)	2.6/8	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	12.5/42	15.5/52	16.5/56
Indoor air flow (m³/h)	538/456/375	538/456/375	597/514/429	811/684/575	811/684/575	1029/934/781	1345/1165/1013	1345/1165/1013	1800/1556/1400	1905/1636/1400	2969/2694/2469
External static pressure (Pa)	10(10~30)						20(10~50)		40(10~80)	40(10~100)	50(50~196)
Sound pressure level (dB(A))	36/35/32	36/35/32	39/38/34	39/38/34	39/38/34	41/39/35	45/40/37	45/40/37	48/42/38	48/43/39	54/52/50

**Model name: CH400A-V\*ADAN1B**

Model index	07	09	12	15	18	24	28	32	
Power supply	1 phase, 220-240V, 60Hz								
Cooling capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	
Heating capacity (kW/kBtu/h)	2.4/8	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	
Indoor air flow (m³/h)	446/429/424/409/394/382/373	457/445/433/421/419/410/402	447/429/399/369/339/333/303	648/618/582/563/546/505/476	798/764/723/691/665/627/595	1240/1171/1107/1045/976/914/869	1248/1194/1119/1056/993/914/863	1427/1403/1303/1232/1186/1096/1043	32/1186/1096/1043
Sound pressure level (dB(A))	34/33/33/32/32/31/31	33/33/32/32/31/31/31	36/35/34/33/32/32/32	37/36/34/34/33/32/31	42/41/40/39/38/37/36	48/47/45/44/42/39/38	48/47/45/43/42/39/38	52/51/50/49/47/45/43	

**Model name: CH400A-V\*ALAN1B**

Model index	12	15	18	24	28	32	40	48
Power supply	1 phase, 220-240V, 60Hz							
Cooling capacity (kW/kBtu/h)	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	11.2/38	14/47
Heating capacity (kW/kBtu/h)	4/13	5/17	6.3/21	8/27	9/30	10/34	12.5/42	15/51
Indoor air flow (m³/h)	600/480/400	750/650/550			1200/900/700		1980/1860/1730	
Sound pressure level (dB(A))	40/38/36	43/41/38	43/41/38	43/41/38	45/43/40	45/43/40	47/45/42	47/45/42

Notes: The full model name can be obtained by substituting the asterisk in the model name format given above the table with the model index given in the table.

# XMVF Series Mini VRF Heat Pump 60Hz

## 12/18/21/28/36/42/48/56/60kBtu/h



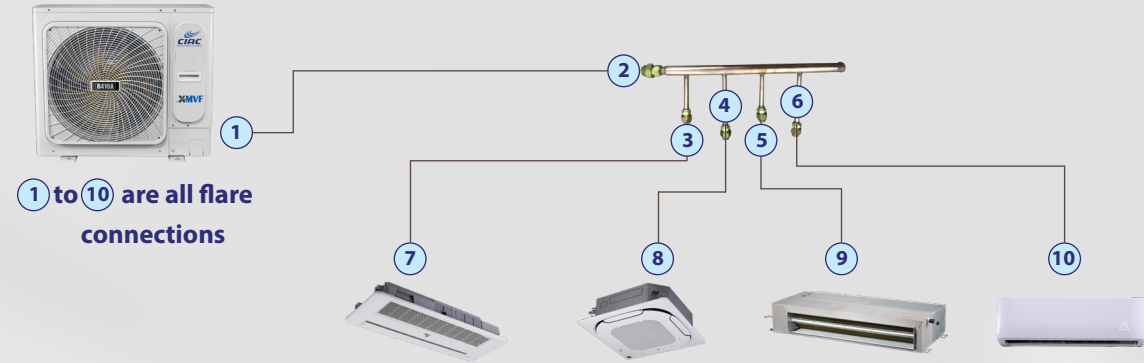
## Install in a Flash

**Perfect for commercial and residential applications: small offices, villas, apartments, shops, etc.**

# XMVF SERIES VRF

## All Flare Connections, The Easiest VRF to Install

The XMVF Mini series VRF system uses all flare connection which can greatly simplify installation. The multiple branch header with **1 to 2, 3, 4, 5 or 6 options** further simplify installation.



## 1 to 9 Indoor Units Connection

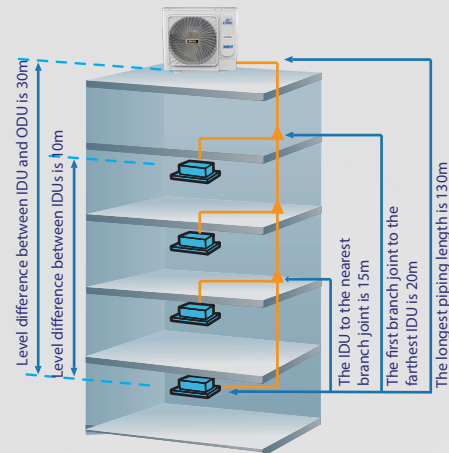
A single outdoor unit supports **1 to 9** indoor units, freeing up considerable space outside. Use your backyard more wisely with much more space available created by less number of outdoor units.



## Long Piping Length

The XMVF Mini series Mini VRF provides a total piping length possibility of **100m**, a maximum height difference between outdoor and indoor units of **30m**. The height difference between indoor units can be up to **10m**. These generous allowances facilitate an extensive array of system designs.

		Capability(m)		12/18/21 kBTu/h	28k BTu/h	36/42 kBTu/h	48/56/60 kBTu/h
Pipe Length	Total Pipe Length(Actual)	50	70	90	130		
	Longest piping	Actual Length	25	35	45	60	
		Equivalent Length	30	40	50	70	
Level difference	Equivalent piping length (from the farthest IDU to the first indoor branch joint/header)		20	20	20	20	
	Level difference between IDU-ODU	Outdoor Unit Up	10	10	20	30	
		Outdoor Unit Down	10	10	20	20	
	Level difference between IDU-IDU		10	10	10	10	



## Centralized Control with Other VRF System, Convenient for Unified Management

The XMVF Mini series system and **other VRF system** with up to **64** indoor units and **8** systems can be controlled in one centralized control system, it is very convenient for administrators to manage equipment uniformly.



## Flexible branch header Lineup

Model	1 to 2 branch header DXFQT2-02	1 to 3 branch header DXFQT3-02	1 to 4 branch header DXFQT4-02	1 to 5 branch header DXFQT5-02	1 to 6 branch header DXFQT6-02
Appearance					

## VRF XMVF Mini Series Lineup

		kW	1.5	1.8	2.2	2.8	3.6	4.5	5.6	6.2	7.1	8	9	10	11.2	12	14	16	18
		kBTu/h	5	6	7	9	12	15	18	21	24	28	32	36	40	42	48	56	60
Outdoor Unit							•		•	•									
												•							
													•		•	•	•		
																			•
Indoor Unit	One-way Cassette			•	•	•	•	•	•		•								
	Four-way Cassette					•	•	•	•		•	•	•	•	•		•	•	
	Compact Four-way Cassette				•	•	•	•											
	Medium Static Pressure Duct				•	•	•	•	•		•	•	•		•		•	•	
	Wall Mounted				•	•	•	•	•		•	•	•						
	Ceiling / Floor							•	•	•		•	•	•		•		•	

Note: XMVF MINI indoor units can connect to XMVF MINI outdoor units only.

## Outdoor Unit Specifications

Model		CA400A-V0121HAN1H	CA400A-V0181HAN1H	CA400A-V0211HAN1H	CA400A-V0281HAN1H	CA400A-V0361HAN1H	CA400A-V0421HAN1H	CA400A-V0481HAN1H	CA400A-V0561HAN1H	CA400A-V0601HAN1H	
Power supply		1 phase, 220-240V, 50/60Hz									
Cooling capacity	kW/kBTu/h	3.5/12	5.3/18	6.2/21	8/27	10/34	12/41	14/47	15.5/52	17.5/59	
Heating capacity	kW/kBTu/h	3.8/13	5.8/20	6/20.5	9/30	12/41	14/47	16/54	18/61	19.5/66	
Connectable indoor unit	Total capacity	45~130% of outdoor unit capacity									
	Quantity	Minimum	1	1	1	1	1	1	1	1	1
Compressor	Type	DC inverter									
	Quantity	1									
Fan motor	Type	DC									
	Quantity	1									
Refrigerant type		R410A									
Liquid/Gas pipe	mm	Φ6.35/Φ12.7	Φ6.35/Φ12.7	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ19.1	Φ9.53/Φ19.1	
Net dimension (W×H×D)	mm	795x555x365	795x555x365	795x555x365	910x712x426	950x840x440	950x840x440	950x840x440	950x840x440	1040x865x523	
Packing size (W×H×D)	mm	915x610x420	915x610x420	915x610x420	1045x810x485	1025x950x510	1025x950x510	1025x950x510	1025x950x510	1120x980x560	
Operating temperature range	°C	Cooling: -15~55, Heating: -15~27									