



**Solutions
in air-conditioning,
building controls
and energy savings**



VRF SYSTEMS



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 | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------------------------------------|------|
|  Cassette - Compact 4 Way | 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 | |
|  Cassette - 4 Way | 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 | |
|  Cassette - 1 Way | 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) | |
|  Cassette - 2 Way | 40VZ00A01 | Panel for 1 way cassette(4.5-5.6kw) | |
| | 40VT006H11200010 | 2.2 | 2.6 |
| | 40VT009H11200010 | 2.8 | 3.2 |
| | 40VT012H11200010 | 3.6 | 4.0 |
| | 40VT018H11200010 | 4.5 | 5.0 |
| | 40VT024H11200010 | 5.6 | 6.3 |
| | 40VT028H11200010 | 7.1 | 8.0 |
| | 40VT00A00 | Panel for 2 way cassette | |
| | Indoor Units Ducted - VRF DC Inverter | | |
|  Ducted Low Static Pressure | 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 |
|  Ducted Low Static Pressure (new structure) | 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 |
|  Ducted Medium Static Pressure (new structure) | 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 |
|  Ducted Medium Static Pressure | 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 |

| | | | |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|
|  Ducted High Static Pressure | 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 |
|  Fresh Air | 42VD054H112211010 | 14.0 | 12.0 |
| | 42VD056H112211010 | 20.0 | 18.0 |
| | 42VD058H112211010 | 25.0 | 20.0 |
| | 42VD060H112211010 | 28.0 | 22.0 |
|  Concealed Floor Standing | 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 | | | |
|  Hi Wall (Panel S) | 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 |
|  Hi Wall (Panel R) | 42VH028H112000102 | 7.1 | 8.0 |
| | 42VH032H112000102 | 8.0 | 9.0 |
| | 42VH036H112000102 | 9.0 | 10.0 |
| | Indoor Units Floor / Under - Ceiling & Console & Floor Standing - VRF DC Inverter | | |
|  Floor / under - Ceiling | 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 |
|  Console | 42VC006H112000010 | 2.2 | 2.6 |
| | 42VC009H112000010 | 2.8 | 3.2 |
| | 42VC012H112000010 | 3.6 | 4.0 |
| | 42VC018H112000010 | 4.5 | 5.0 |






| 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 |   Ued 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