

Description

This document provides information about the Midea Commercial and VRF indoor unit models that are compatible with the Horizentis HTKNXMDVxx2 interface. Air conditioner models not listed here may not operate properly with the interface, and compatibility should be verified with your supplier before installation or use.

All details and data included in this publication have been carefully checked prior to release. However, minor inaccuracies such as typographical or formatting errors may occur. Horizentis continually works to ensure the reliability of its documentation and recommends users to refer to the latest available version. While every effort has been made to ensure the correctness of the information contained herein, Horizentis cannot accept liability for any consequences that may result from possible errors or omissions.



Notes:

- Air conditioner models not mentioned in this list may **not be fully compatible** with the HTKNXMDVxx2 interface. Before use, always confirm model compatibility with your supplier or technical representative.

1. Compatible indoor units

Indoor Unit Type		Reference
Cassettes	One-way cassette	MDV-DxxQ1/N1-C MDV-DxxQ1/N1-D
	One-way cassette VRF	MDV-DxxQ1/N1-D MDV-DxxQ1/N1
	Two-way cassette	MDV-DxxQ2/N1
	Compact four-way cassette	MDV-DxxQ4/N1-A3
	Four-way cassette	MDV-DxxQ4/N1-D
	ART FLUX 360° cassette(600x600)	MI-xxQ4/DHN1-A3
	ART FLUX 360° cassette	MI-xxQ4/DHN1-D
	Compact (600x600) Multi	MCA3I-xxHRFNx-QRD0 MCA3U-xxHRFNx-QRD0W MCA3I-xxFNXD0 MCA3I-xxHRFN1-QRC8 MCA3U-xxHRFN1-QRD0W MCA3-xxHRFN1-QRC8W(B)
	Super Slim (840x840)	MCD-xxFNXD0 MCD-xxHRFNx-QRD0 MCD-xxHRFN1-QRC8W(D) MCD-xxHRFN1-QRD0
	Cassette 600x600	MCA3U-xxHRFNx-QRD0W MCA3U-xxHRFN1-QRD0W MCA3-xxHRFN1-QRD0
	Cassette 600x600 2 PIPES / PANEL INCLUDED	MKD-Vxx
	Cassette 600x600 4 PIPES / PANEL INCLUDED	MKD-VxxF
	Cassette VRF 600x600	MI-xxQ4/DHN1-A3
	Cassette VRF 840x840	MI-xxQ4/DHN1-D
	Cassette 840x840 2 PIPES / PANEL INCLUDED	VxxR
	Cassette 840x840 4 PIPES / PANEL INCLUDED	VxxF
Ducted	T1, High Static Pressure	MDV-DxxT1/N1-B
	T2, Medium Static Pressure	MDV-DxxT2/N1-DA5
	T3, Low Static Pressure	MDV-DxxT3/N1-B MDV-DxxT3/N1-C
	Slim A5 medium static duct	MDV-DxxT2/N1-DA5 MDV-DxxT2/N1-CA5
	A5 medium static duct	MDV-DxxT2/N1-BA5
	MIV V4+ medium static duct	MVMxxA-VA1

Indoor Unit Model		Reference
Ducted	High static duct	MDV-DxxT1/N1-B MDV-DxxT1/N1
	High static duct (Inverter Fan)	MI-xxT1/DHN1-B MI-xxT2/DHN1-DA5
	Multi	MTBI-xxHWFN1-QRD0 MTB-xxHWFN1-QRC8W(B) MTB-xxHWFN1-QRC8W(D)
	A5	MTBU-xxQRD0W MTBU-xxHWFN1-QRD0
	A6	MTIU-xxHWFNx-QRD0W(V1) MTIU-xxHWFNx-QRD0W MTI-xxHWFNx-QRD0(V1) MTI-xxHWFNx-QRD0 MTI-xxFNXD0 MTI-xxHWFN1-QRD0 MTIU-xxFNXD0
	VRF	MI-xxT2/DHN1-DA5 MI-xxT2/DHN1-BA5
	High Pressure DC	MI-xxT1/DHN1-B
	High Pressure AC	MDV-DxxT1/N1
FCU/AHU	FCU/AHU ¹	AHUKZ-xx AHUKZ-xxB
Ceiling/floor	Ceiling / floor	MUEU-xxHRFNx-QRD0W MUE-xxHRFNx-QRD0 MDV-DxxDL/N1-C MI-xxDL/DHN1-C MUE-xxFNXD0 MUE-xxHRFN1-QRD0
	Ceiling / floor VRF	MI-xxDL/DHN1-C
	Floor with / without envelope VRF	MI-DxxZ/N1-F4 MDV-DxxZ/N1-F4
Floor stand type	Exposed type floor standing with side air return	MDV-DxxZ/N1-F4
	Exposed type floor standing with bottom air return	MDV-DxxZ/N1-F5
	Concealed type floor standing	MDV-DxxZ/N1-F3B

¹ To control AHU units, the gateway must be connected to the outdoor unit's XYE bus rather than to the individual indoor unit bus

Indoor Unit Model		Reference
Wall-mounted unit	R3 series wall-mounted	MDV-DxxG-R3/N1Y
	C series wall-mounted	MDV-DxxG/DN1YB MDV-DxxG/N1YB
	S series wall-mounted	MDV-DxxG/N1-S MDV-DxxG/DN1-S
	Wall-Mounted	MI-xxG/DHN1-M
	Mural	MSAGDU-xxHRFN8-QRD0GW (2) MSAGCU-xxHRFNx-QRD0GW (2) MSAGBU-xxHRFN8-QRD1GW(GA) (2) MSAGDU-xxHRFNx-QRD0GW (2) MSMBAU-xxHRFN1-QRD0GW(B) ² MSMBBU-xxHRFN1-QRD0GW(B) ² MSMBCU-xxHRFN1-QRD0GW(B) ² MSMBDU-xxHRFN1-QRD0GW(B) ²
	FAN COILS DC VRF	VxxB
	VRF	MI-xxG/DHN1-M
	Console	Console
Console with/without casing		MI-DxxZ/N1-F4
Console double flow multi		MFAI-xxHRFN1-QRC8 MFAU-xxHRFN1-QRD0 MFA-xxHRFN1-QRC8W
VRF		MDV-DxxZ/DN1-B
Fresh air unit	Fresh air unit	MDV-DxxT1/N1-FA
Column	TYPE N	MFM-xxHRFN1-QRD0
		MFM-xxARFN1-RRD0

² This unit requires an optional Multifunction Board - please contact your supplier for availability.

The model numbers listed here refer exclusively to indoor units and do not represent indoor/outdoor unit combinations.

Units whose model numbers do not appear in this list may not be supported by the AC interface. Compatibility should be verified before use - please consult your supplier if your model is not listed.

The characters 'xx' in the model number denote the capacity/power rating of the indoor unit.

2. Compatible Outdoor Units

Outdoor Unit Type	Reference
EXCELLENCE VRF	MDV-VxxxW/DN1 MDV-VxxxW/DN1(B) MDV-VxxxW/DRN1 MDV-VxxxW/DRN1(A) MDV-xxxW/DRN1-i(B) MDV-xxxW/DRN1-i(C) MV5-ExxxW/V2GN1 MV5-XxxxW/V2GN1 MDVS-xxx(8)W/DRN1 MDVS-xxx(10)W/DRN1 MDVS-xxx(12)W/DRN1 MDV-xxx(8)W/D2RN1T(C) MDV-xxx(10)W/D2RN1T(C) MDV-xx(12)W/D2RN1T(C) MDV-xxx(14)W/D2RN1T(C) MDV-xxx(16)W/D2RN1T(C) MV-xxx(8)W/D2RN1T(D) MV-xxx(10)W/D2RN1T(D) MV-xxx(12)W/D2RN1T(D) MV-xxx(14)W/D2RN1T(D) MV-xxx(16)W/D2RN1T(D)

In installations where compatible outdoor units (X/Y/E series) are used and indoor units communicate with the outdoor unit via the P/Q/E bus, a single Midea Commercial & VRF gateway connected to the outdoor unit is sufficient to manage all indoor units in the system.

Any unit equipped with an XYE interface and supported by the MD-CCM03..09/E central controller is fully compatible with our gateway solution.