

Air-to-air heat exchangers with DX coil



- Air-to-air cross-flow heat exchanger with DX-coil for heating + cooling
- Up to 75% energy recovery
- Not a stock item – lead time on request



INDOOR UNIT		MMD-UPV0501HY-E	MMD-UPV0801HY-E	MMD-UPV1001HY-E
Cooling capacity	kW ❄️	4,10	6,56	8,25
Heating capacity	kW 🔥	5,53	8,61	10,92
Power supply	V/Ph+N/Hz	220-240/1+N/50	220-240/1+N/50	220-240/1+N/50
Temperature exchange efficiency (min./nom./max.)	%	78/74,5/74/74	86,5/75/72,5/72,5	82/71/70,5/70,5
Enthalpy exchange efficiency (min./nom./max.)	% ❄️	70/65/64/64	79/68/64/64	75/63/62/62
Enthalpy exchange efficiency (min./nom./max.)	% 🔥	77/73,5/73/73	86/75/73/73	81/73/72/72
Heat exchanger mode power consumption (min./nom./max.)	W	--/5,53/--	--/8,61/--	--/10,92/--
Running current	A 🔥	0,94	1,22	2,11
Running current	A ❄️	0,94	1,22	2,11
Airflow (min./nom./max.)	m³/h	-	-	-
External static pressure	Pa	35/125/170/220	27/75/130/220	30/115/160/185
Airflow limit	m³/h	600	960	1140
Sound pressure level (low/med/high)	dB(A) 🔥	24/34/37/39	23/34,5/39,5/43	25,5/40,5/42,5/43
Sound pressure level (low/med/high)	dB(A) ❄️	24/34/37/39	23/34,5/39,5/43	25,5/40,5/42,5/43
Liquid pipe diameter	mm (inch)	6,4 (¼)	6,4 (¼)	6,4 (¼)
Suction gas pipe diameter	mm (inch)	9,5 (3/8)	12,7 (½)	12,7 (½)
Condensate pipe diameter	mm	VP25 (25/32)	VP25 (25/32)	VP25 (25/32)
Dimensions (HxWxD)	mm	1360 x 1020 x 386	1593 x 1230 x 386	1593 x 1230 x 386
Air connections diameter	mm	200	250	250
Weight	kg	66	85	85
Price	€	5.830,-	7.000,-	8.160,-

ACCESSORIES	DESCRIPTION	PRICE €
NRC-01HE	Wired remote control	160,-
TCB-DP31HEXE	Drain pump for all ventilation systems	925,-
NRB-1HE	Adapter for digital switching functions: On/Off, bypass, low/high (not for M1000HE1, M1500HE1, M2000HE1 & SMMSU)	160,-

You will find all the control options from page 183 onwards.

Filter efficiency grade: 82%

Outdoor temperature: -15°C ~ 43°C, 80% relative humidity or below

Unit ambient temperature: -10°C ~ +40°C, 80% relative humidity or below

Exhaust air temperature: +5°C ~ +40°C, 80% relative humidity or below

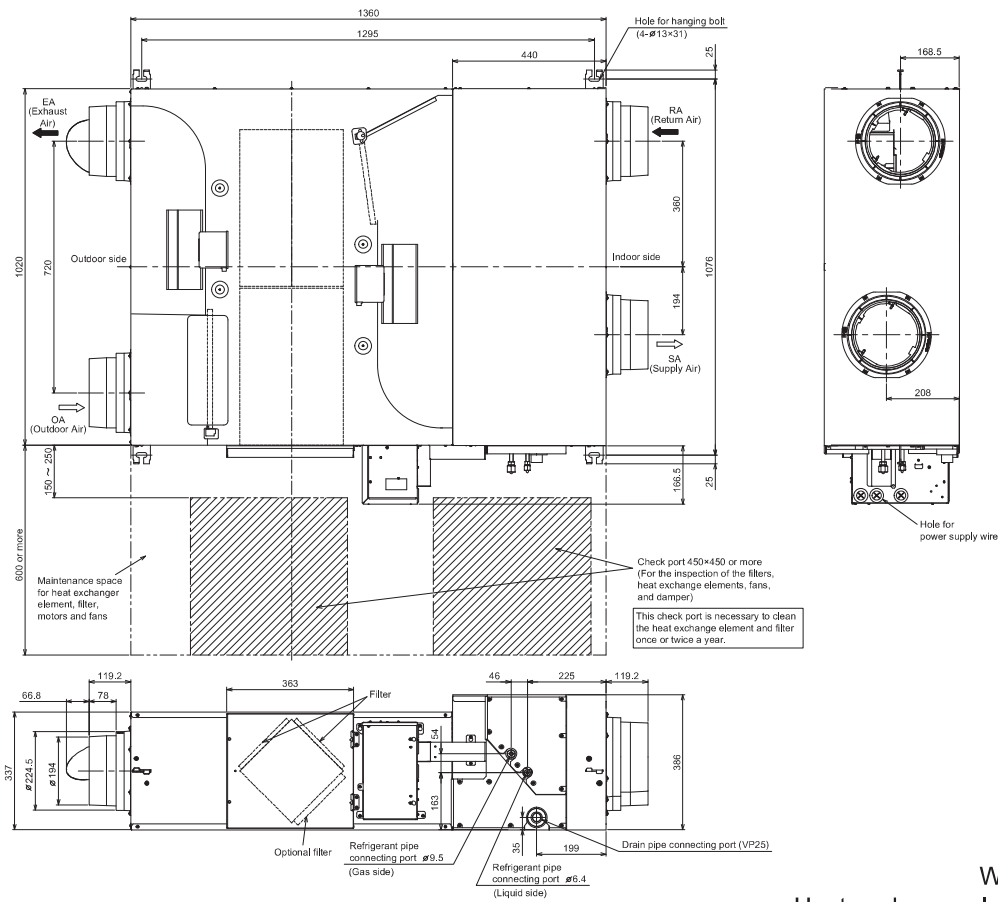
If the temperature of the outdoor air drops below -10°C, the unit switches to "Cold Operation" mode (interruption of the outdoor air supply / bypass mode).

The unit cannot be used below -15°C.

The fan for the air supply stops; the fan for exhaust air can also be programmed to stop.

AIR-TO-AIR HEAT EXCHANGERS WITH DX COIL MMD-UPV0501HY-E

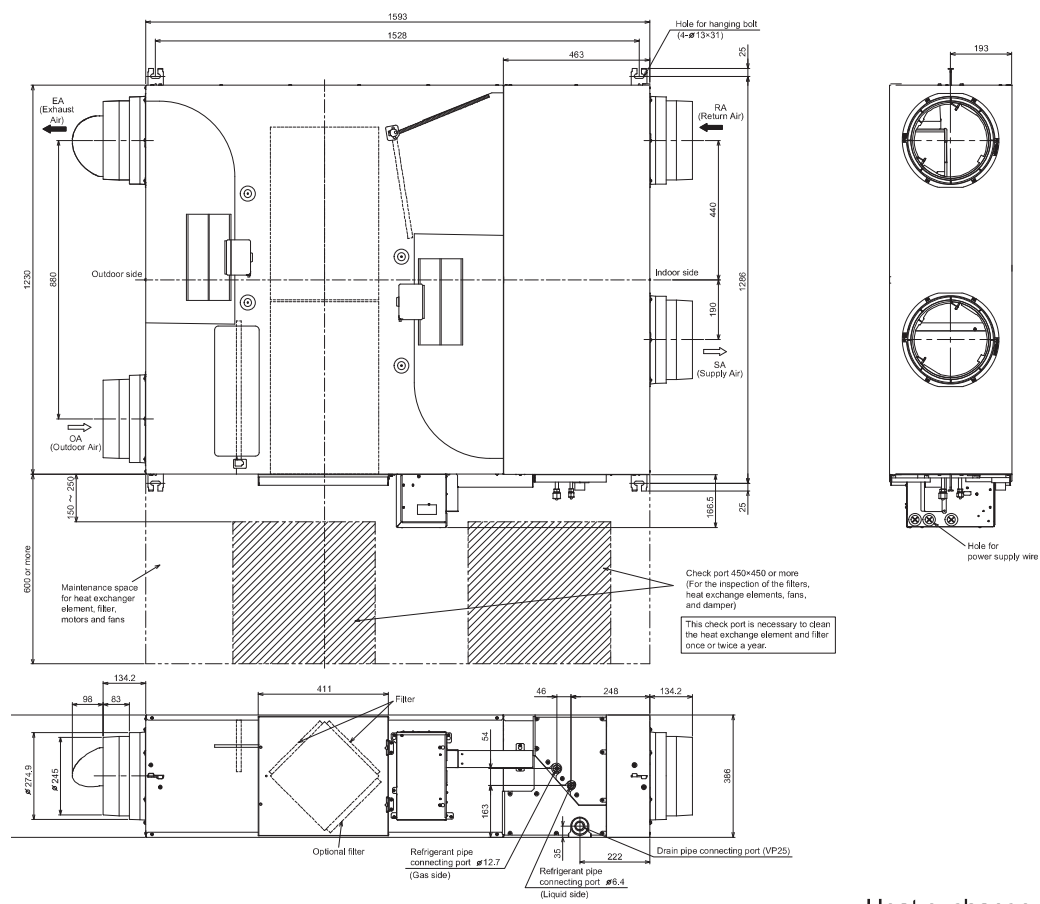
Unit: mm



Weight: 66 kg
Heat exchange element: 2

MMD-UPV0801HY-E AND MMD-UPV1001HY-E

Unit: mm



Weight: 85 kg

Heat exchange element: 2