

SUBMITTAL DATA – VRF INDOOR UNIT

CTVS-IHR-X-500-A-CE-DC-1

HRV - Heat Recovery ventilation DC

Job:	Engineer:
Location:	Architect:
Schedule No.:	Date:
System Designation:	For: ☐ Reference ☐ Approval ☐ Review ☐ Construction

FEATURES

- All DC Inverter Technology
- Free Cooling Mode
- High efficiency filter
- Energy savings, Heat recovery for both Heat and humidity
- Controllers Wide Range
- DC Fan Motor
- Two Blowers
- Convenient Installation
- Flexible Control and Easy Maintenance
- Multiple Operation Modes
- CO2 sensor option

PERFORMANCE

Power supply		V-Ph-Hz	220-240/1/50-60
Cooling	Temp. efficiency	%	76.1
	Enthalpy efficiency	%	78.2
Heating	Temp. efficiency	%	76.1
	Enthalpy efficiency	%	80.4

ELECTRICAL DATA

Input power		W	170
Full Load Amp (FLA)		A	1.56
Minimum Circuit Amp (MCA)		A	1.95
Maximum Fusible Amp (MFA)		A	6
Rated Motor Output		kW	0.072x2
Indoor Fan Motor Speed		RPM	1,380
Power supply	Wire s qty		3
	Code wire cross section	AWG	14
		mm ²	2.5

GENERAL DATA

Indoor external static pressure (Hi)		Pa	80
Nominal air flow		m³/h	500
		CFM	294
Sound pressure level		dB(A)	35
Net dimension (L×W×H)		mm	1020×1036×270
Packing size (L×W×H)		mm	1120×1120×452
Net/Gross weight		kg	35/60
		Lbs	77.2/132.3
Fresh air	Fresh Air Diameter	mm	Φ194
		inch	Φ 7-41/64"
	Air drop	Pa	80



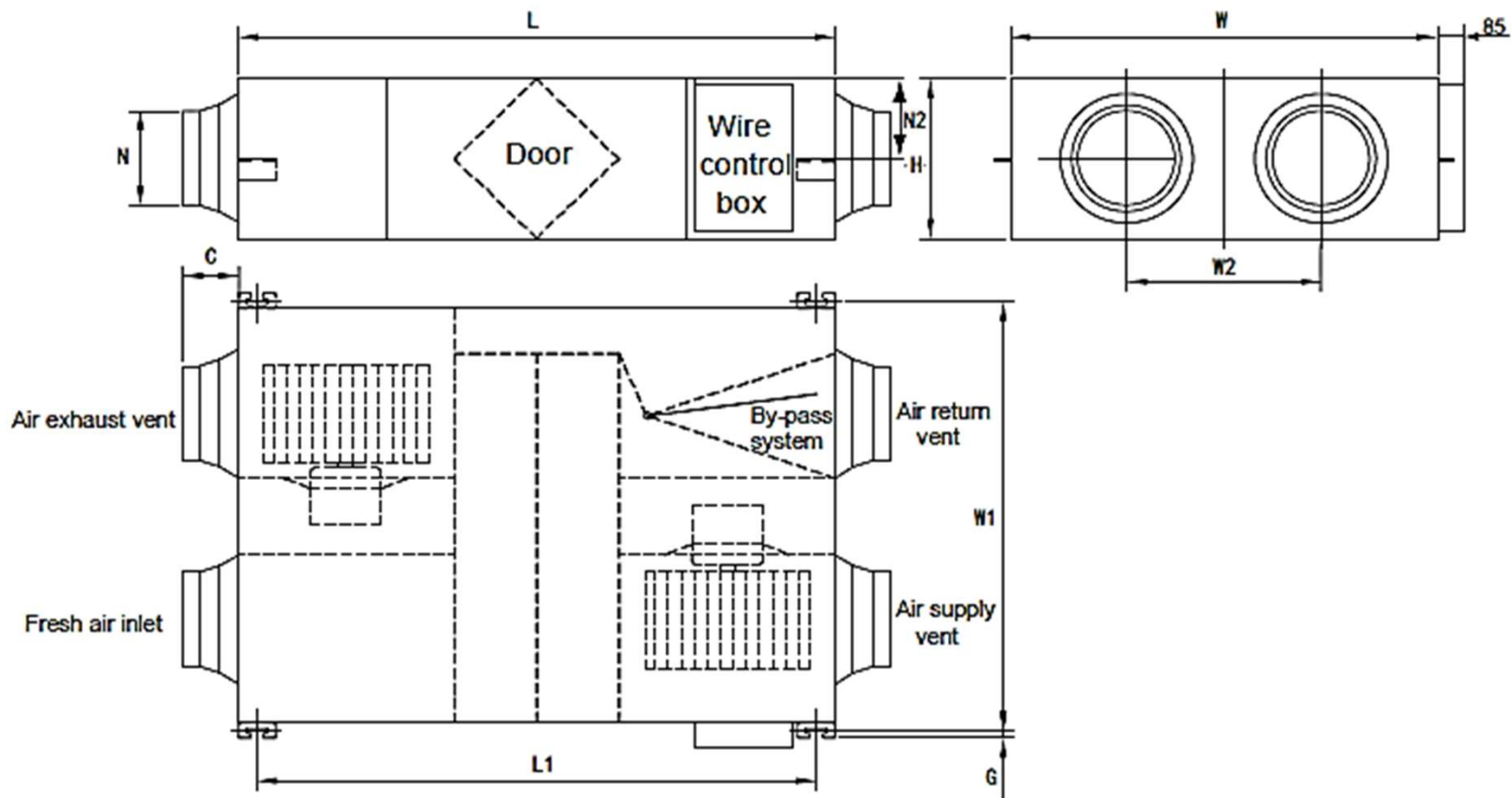
Note:

- For the units model of CTVS-IHR-X-200-A-CE-DC-1 to CTVS-IHR-X-2000-A-CE-DC-1, there are 3-speed adjustable air-volume (Hi, Med, Low).
- For the units model of CTVS-IHR-X-200-A-CE-DC-1 to CTVS-IHR-X-1000-A-CE-DC-1, all the parameters in the manual is measured at the high-speed air-volume.

OPTIONAL ACCESSORIES

Wired Thermostat CTVS-C-WR86E/KD (not included)
CO2 sensor (not included)

DIMENSIONAL DRAWINGS - INCHES (MM)



	L	L1	W	W1	W2	H	C	G	N	N2
CTVS-IHR-X-300-A-CE-DC-1	744	678	599	656	315	270	92	19	Φ144	111
CTVS-IHR-X-400-A-CE-DC-1	744	678	804	861	480	270	92	19	Φ144	111
CTVS-IHR-X-500-A-CE-DC-1	824	756	904	961	500	270	98	19	Φ194	111
CTVS-IHR-X-800-A-CE-DC-1	1,116	1,050	884	941	428	388	80	19	Φ242	170
CTVS-IHR-X-1000-A-CE-DC-1	1,116	1,050	1,134	1,191	678	388	80	19	Φ242	170