

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	%	76.9
	Enthalpy efficiency	%	78.1
Heating	Temp. efficiency	%	76.9
	Enthalpy efficiency	%	80.1

ELECTRICAL DATA

Input power		W	246
Full Load Amp (FLA)		A	2.28
Minimun Circuit Amp (MCA)		A	2.85
Maximun Fusible Amp (MFA)		A	6
Rated Motor Output		kW	0.104x2
Indoor Fan Motor Speed		RPM	1,150
Power supply	Wire s qty		3
	Code wire cross section	AWG	14
		mm ²	2.5

GENERAL DATA

Indoor external static pressure (Hi)		Pa	100
Nominal air flow		m ³ /h	800
		CFM	471
Sound pressure level		dB(A)	39
Net dimension (L×W×H)		mm	1276×1020×388
Packing size (L×W×H)		mm	1380×1100×57
Net/Gross weight		kg	58/88
		Lbs	127.9/194.0
Fresh air	Fresh Air Diameter	mm	Φ242
		inch	Φ 9-17/32"
	Air drop	Pa	100



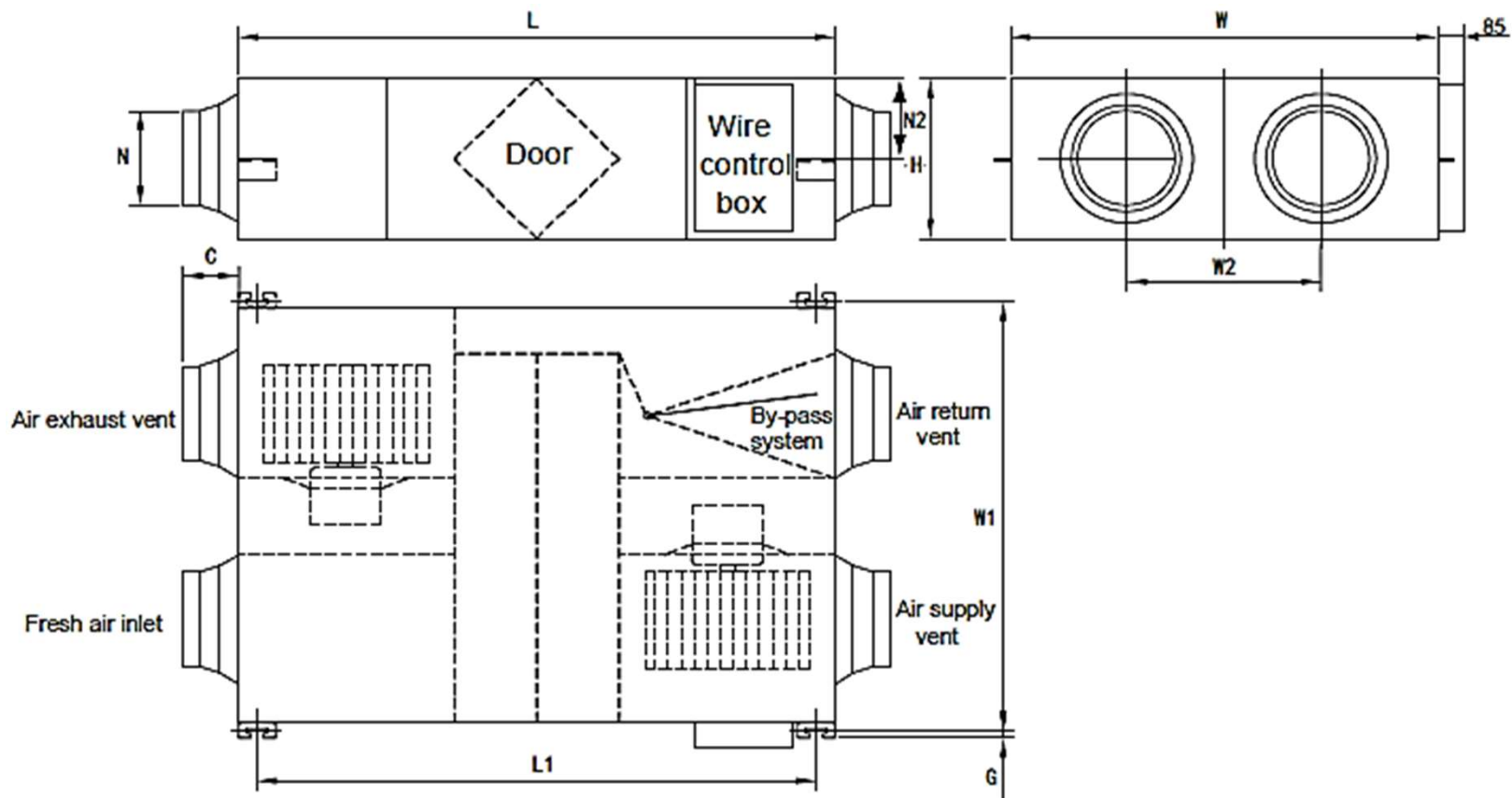
Note:

- 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