

**Job:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Schedule No.:** \_\_\_\_\_  
**System Designation:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_  
**Architect:** \_\_\_\_\_  
**Date:** \_\_\_\_\_  
**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

<b>Power supply</b>		V-Ph-Hz	<b>220-240/1/50-60</b>
<b>Cooling</b>	<b>Temp. efficiency</b>	%	77.8
	<b>Enthalpy efficiency</b>	%	79.2
<b>Heating</b>	<b>Temp. efficiency</b>	%	77.8
	<b>Enthalpy efficiency</b>	%	80.5

## ELECTRICAL DATA

<b>Input power</b>	W	725
<b>Full Load Amp (FLA)</b>	A	5.29
<b>Minimun Circuit Amp (MCA)</b>	A	6.00
<b>Maximun Fusible Amp (MFA)</b>	A	10
<b>Rated Motor Output</b>	kW	0.308x2
<b>Indoor Fan Motor Speed</b>	RPM	1,220
<b>Power supply</b>	<b>Wire s qty</b>	3
	<b>Code wire cross section</b>	AWG 14
		mm <sup>2</sup> 2.5

## GENERAL DATA

<b>Indoor external static pressure (Hi)</b>	Pa	160
<b>Nominal air flow</b>	m <sup>3</sup> /h	1500
	CFM	883
<b>Sound pressure level</b>	dB(A)	51
<b>Net dimension (L×W×H)</b>	mm	1600×1270×540
<b>Packing size (L×W×H)</b>	mm	1680×1350×720
<b>Net/Gross weight</b>	kg	151/224
	Lbs	332.9/493.8
<b>Fresh air</b>	<b>Fresh Air</b>	mm 346×326
	<b>Diameter</b>	inch 13-5/8" x 12-53/64"
	<b>Air drop</b>	Pa 160



### Note:

1. 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).
2. 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)**

