

# Indoor Units

## Four-way Cassette Standard

### 220-240/1/50-60 DC



		CTVS-ICC-X-008-A-CE-DC-1	CTVS-ICC-X-010-A-CE-DC-1	CTVS-ICC-X-012-A-CE-DC-1	CTVS-ICC-X-015-A-CE-DC-1
<b>PERFORMANCE</b>					
Nominal Cooling Capacity	Btu/h	7,500	9,600	12,300	15,400
	Kw	2.2	2.8	3.6	4.5
Nominal Heating Capacity	Btu/h	8,200	10,900	13,600	17,100
	Kw	2.4	3.2	4.0	5.0
<b>ELECTRICAL DATA</b>					
Power Supply	V/Ph/Hz	220-240/1/50-60	220-240/1/50-60	220-240/1/50-60	220-240/1/50-60
Power Input (10 Pa) Cooling	Kw	35	35	40	50
Power Input (10 Pa) Heating	Kw	35	35	40	50
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	15.40	0.43	0.48	0.48
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.04	0.04	0.04	0.04
FLA	Amp	0.34	0.34	0.34	0.38
<b>GENERAL DATA</b>					
Airflow rate 3	m3/h (CFM)	414(244)	414(244)	521 (307)	521 (307)
	m3/h (CFM)	380 (224)	380 (224)	485 (285)	485 (285)
	m3/h (CFM)	345 (203)	345 (203)	450 (265)	450 (265)
	m3/h (CFM)	313 (184)	313 (184)	409 (241)	409 (241)
	m3/h (CFM)	288 (169)	288 (169)	380 (224)	380 (224)
	m3/h (CFM)	268 (158)	268 (158)	350 (206)	350 (206)
	m3/h (CFM)	238 (140)	238 (140)	314 (185)	314 (185)
External static pressure 4	Pa				
Sound pressure level 5	dB(A)	35	35	41	41
	dB(A)	34	34	38	38
	dB(A)	33	33	35	35
	dB(A)	29	29	32	32
	dB(A)	26	26	30	30
	dB(A)	23	23	29	29
	dB(A)	22	22	28	28
Dimmension (Body)	Net (mm)	630×260×570	630×260×570	630×260×570	630×260×570
	Packed (mm)	700×345×660	700×345×660	700×345×660	700×345×660
Dimmension (Panel)	Net (mm)	647×50×647	647×50×647	647×50×647	647×50×647
	Packed (mm)	715×123×715	715×123×715	715×123×715	715×123×715
Body Net/Gross weight	KG (Lbs)	18/23.8 (39.7/52.5)	18/23.8 (39.7/52.5)	19.2/25.0 (42.3/55.1)	19.2/25.0 (42.3/55.1)
Panel Net/Gross weight	KG (Lbs)	2.5/4.5(5.5/9.9)	2.5/4.5(5.5/9.9)	2.5/4.5(5.5/9.9)	2.5/4.5(5.5/9.9)
Refrigerant type		R410A	R410A	R410A	R410A
Design pressure (H/L)	Mpa	4.4 / 2.6	4.4 / 2.6	4.4 / 2.6	4.4 / 2.6
Refrigerant Pipe Connections (inch)	Gas	1/4"	1/4"	1/4"	1/4"
	Liquid	1/2"	1/2"	1/2"	1/2"
Drain Pipe (OD)	mm	1"	1"	1"	1"

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		CTVS-I4C-X-024-A-CE-DC-1	CTVS-I4C-X-027-A-CE-DC-1	CTVS-I4C-X-030-A-CE-DC-1	CTVS-I4C-X-034-A-CE-DC-1
<b>PERFORMANCE</b>					
Nominal Cooling Capacity	Btu/h	24,200	27,300	30,700	34,100
	Kw	7.1	8	9	10
Nominal Heating Capacity	Btu/h	27,300	30,700	34,100	37,500
	Kw	8	9	10	11
<b>ELECTRICAL DATA</b>					
Power Supply	V/Ph/Hz	220-240/1/50-60	220-240/1/50-60	220-240/1/50-61	220-240/1/50-62
Power Input (10 Pa) Cooling	Kw	70	96	100	150
Power Input (10 Pa) Heating	Kw	70	96	100	150
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	0.56	0.76	0.88	1.00
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.08	0.08	0.17	0.17
FLA	Amp	0.45	0.61	0.70	0.80
<b>GENERAL DATA</b>					
Airflow rate 3	m3/h (CFM)	977 (575)	1203 (708)	1,394	1700 (1000)
	m3/h (CFM)	937 (551)	1131 (666)	1,294	1600 (942)
	m3/h (CFM)	864 (508)	1064 (626)	1,230	1440 (847)
	m3/h (CFM)	800 (471)	977 (575)	1,201	1250 (736)
	m3/h (CFM)	778 (458)	912 (537)	1,111	1200 (706)
	m3/h (CFM)	738 (434)	840 (494)	1,029	1150 (677)
	m3/h (CFM)	671 (395)	774 (455)	910	1100 (647)
External static pressure 4	Pa				
Sound pressure level 5	dB(A)	35	36	37	43
	dB(A)	35	35	35	42
	dB(A)	34	34	34	40
	dB(A)	31	31	31	38
	dB(A)	30	31	31	37
	dB(A)	28	29	30	35
	dB(A)	27	28	28	34
Dimmension (Body)	Net (mm)	840×230×840	840×230×840	840×230×840	840×230×840
	Packed (mm)	955×260×955	955×260×955	955×260×955	955×260×955
Dimmension (Panel)	Net (mm)	950×54.5×950	950×54.5×950	950×54.5×950	950×54.5×950
	Packed (mm)	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
Body Net/Gross weight	KG (Lbs)	23.2 (51.1)/27.6 (60.8)	23.2 (51.1)/27.6 (60.8)	28.4 (62.6)/33.8 (74.5)	28.4 (62.6)/33.8 (74.5)
Panel Net/Gross weight	KG	5.5/8.2	5.5/8.2	5.5/8.2	5.5/8.2
	(Lbs)	12.1/18.0	12.1/18.0	12.1/18.0	12.1/18.0
Refrigerant type		R410A	R410A	R410A	R410A
Design pressure (H/L)	Mpa	4.4 / 2.6	4.4 / 2.6	4.4 / 2.6	4.4 / 2.6
Refrigerant Pipe Connections (inch)	Gas	3/8"	3/8"	3/8"	3/8"
	Liquid	5/8"	5/8"	5/8"	5/8"
Drain Pipe (OD)	mm	1-17/64"	1-17/64"	1-17/64"	1-17/64"

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		CTVS-I4C-X-038-A-CE-DC-1	CTVS-I4C-X-048-A-CE-DC-1	CTVS-I4C-X-055-A-CE-DC-1
<b>PERFORMANCE</b>				
Nominal Cooling Capacity	Btu/h	38,200	47,800	54,500
	Kw	11.2	14	16
Nominal Heating Capacity	Btu/h	42,700	54,600	61,300
	Kw	12.5	16	18
<b>ELECTRICAL DATA</b>				
Power Supply	V/Ph/Hz	220-240/1/50-63	220-240/1/50-64	220-240/1/50-65
Power Input (10 Pa) Cooling	Kw	160	170	170
Power Input (10 Pa) Heating	Kw	160	170	170
Min. Voltage	Volts	198	198	198
Max. Voltage	Volts	264	264	264
MCA	Amp	1.00	1.20	1.26
MFA	Amp	15	15	15
Rated Motor Output	Kw	0.17	0.17	0.09
FLA	Amp	0.80	0.96	1.01
<b>GENERAL DATA</b>				
Airflow rate 3	m3/h (CFM)	1700 (1000)	1800 (1059)	2,100
	m3/h (CFM)	1600 (942)	1650 (971)	1,950
	m3/h (CFM)	1440 (847)	1500 (883)	1,800
	m3/h (CFM)	1250 (736)	1300 (765)	1,750
	m3/h (CFM)	1200 (706)	1250 (736)	1,600
	m3/h (CFM)	1150 (677)	1200 (706)	1,450
	m3/h (CFM)	1100 (647)	1150 (677)	1,350
External static pressure 4	Pa			
Sound pressure level 5	dB(A)	43	45	46
	dB(A)	42	44	44
	dB(A)	40	42	42
	dB(A)	38	41	41
	dB(A)	37	40	39
	dB(A)	35	39	38
	dB(A)	34	37	37
Dimmension (Body)	Net (mm)	840×230×840	840×230×840	950×300×950
	Packed (mm)	955×260×955	955×260×955	1050×335×1050
Dimmension (Panel)	Net (mm)	950×54.5×950	950×54.5×950	1050×55×1050
	Packed (mm)	1035×90×1035	1035×90×1035	1115×100×1115
Body Net/Gross weight	KG (Lbs)	28.4 (62.6)/33.8 (74.5)	30.7 (67.7)/65.8 (78.9)	35.3 (77.8)/41.2 (90.8)
Panel Net/Gross weight	KG	5.5/8.2	5.5/8.2	7.4/9.7
	(Lbs)	12.1/18.0	12.1/18.0	16.3/21.3
Refrigerant type		R410A	R410A	R410A
Design pressure (H/L)	Mpa	4.4 / 2.6	4.4 / 2.6	4.4 / 2.6
Refrigerant Pipe Connections (inch)	Gas	3/8"	3/8"	3/8"
	Liquid	5/8"	5/8"	5/8"
Drain Pipe (OD)	mm	1-17/64"	1-17/64"	1-17/64"