

Indoor Units

Ceiling Floor

220-240/1/50-60 DC



		CTVS-IPT-X-015-A-CE-DC-1	CTVS-IPT-X-019-A-CE-DC-1	CTVS-IPT-X-024-A-CE-DC-1	CTVS-IPT-X-027-A-CE-DC-1
PERFORMANCE					
Nominal Cooling Capacity	Btu/h	15,400	19,100	24,200	27,200
	Kw	4.5	5.6	7.1	8
Nominal Heating Capacity	Btu/h	17,100	21,500	27,300	30,700
	Kw	5	6.3	8	9
ELECTRICAL DATA					
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	115	115	115	130
Power Input (10 Pa) Heating	Kw	115	115	115	130
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	1.20	1.20	1.20	1.30
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.10	0.10	0.10	0.10
FLA	Amp	0.93	0.95	0.95	1.10
GENERAL DATA					
Airflow rate 3	m3/h (CFM)	800 (471)	800 (471)	800 (471)	1280 (753)
	m3/h (CFM)	750 (441)	750 (441)	750 (441)	1245 (733)
	m3/h (CFM)	700 (412)	700 (412)	700 (412)	1210 (712)
	m3/h (CFM)	650 (383)	650 (383)	650 (383)	1170 (689)
	m3/h (CFM)	600 (353)	600 (353)	600 (353)	1130 (665)
	m3/h (CFM)	550 (324)	550 (324)	550 (324)	1085 (639)
	m3/h (CFM)	500 (294)	500 (294)	500 (294)	1090 (641)
Sound pressure level 5	dB(A)	43	43	43	45
	dB(A)	42	42	42	44
	dB(A)	41	41	41	43
	dB(A)	41	41	41	43
	dB(A)	39	39	39	42
	dB(A)	38	38	38	41
	dB(A)	38	38	38	40
Dimmension	Net (mm)	990×660×203	990×660×203	990×660×203	1280×660×203
	Packed (mm)	1089×744×296	1089×744×296	1089×744×296	1379×744×296
Weight Net/Gross	KG	28/34	28/34	28/34	35/41
	(Lbs)	61.7/75	61.7/75	61.7/75	77.2/90.4
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	5/8"	5/8"	5/8"	5/8"
	Liquid	3/8"	3/8"	3/8"	3/8"
Drain Pipe (OD)	mm	16	16	16	16

- Notes:
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
 2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
 3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured in a semi anechoic chamber.
 5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Indoor Units

Ceiling Floor

220-240/1/50-60 DC



		CTVS-IPT-X-031-A-CE-DC-1	CTVS-IPT-X-038-A-CE-DC-1	CTVS-IPT-X-048-A-CE-DC-1	CTVS-IPT-X-055-A-CE-DC-1
PERFORMANCE					
Nominal Cooling Capacity	Btu/h	30,700	38,200	47,800	54,600
	Kw	9	11.2	14	16
Nominal Heating Capacity	Btu/h	34,100	42,700	51,200	61,400
	Kw	10	12.5	15	18
ELECTRICAL DATA					
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	130	180	180	288
Power Input (10 Pa) Heating	Kw	130	180	180	288
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	1.30	1.70	1.70	1.80
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.10	0.10 + 0.10	0.10 + 0.10	0.10 + 0.10
FLA	Amp	1.10	0.65 + 0.65	0.65 + 0.65	0.65 + 0.65
GENERAL DATA					
Airflow rate 3	m3/h (CFM)	1280 (753)	1890 (1,112)	1890 (1,112)	2300 (1,354)
	m3/h (CFM)	1245 (733)	1830 (1,077)	1830 (1,077)	2240 (1,318)
	m3/h (CFM)	1210 (712)	1765 (1,039)	1765 (1,039)	2180 (1,283)
	m3/h (CFM)	1170 (689)	1700 (1,000)	1700 (1,000)	2100 (1,236)
	m3/h (CFM)	1130 (665)	1660 (977)	1660 (977)	2005 (1,180)
	m3/h (CFM)	1085 (639)	1620 (953)	1620 (953)	1950 (1,148)
	m3/h (CFM)	1090 (641)	1580 (930)	1580 (930)	1800 (1,059)
Sound pressure level 5	dB(A)	45	47	47	50
	dB(A)	44	46	46	49
	dB(A)	43	45	45	48
	dB(A)	43	45	45	47
	dB(A)	42	44	44	46
	dB(A)	41	43	43	45
	dB(A)	40	42	42	44
Dimension	Net (mm)	1280×660×203	1670×680×244	1670×680×244	1670×680×244
	Packed (mm)	1379×744×296	1915×760×330	1915×760×330	1915×760×330
Weight Net/Gross	KG	35/41	48/58	48/58	48/58
	(Lbs)	77.2/90.4	105.9/127.9	105.9/127.9	105.9/127.9
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	5/8"	5/8"	5/8"	5/8"
	Liquid	3/8"	3/8"	3/8"	3/8"
Drain Pipe (OD)	mm	16	16	16	16

- Notes:
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 - Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
 - Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured in a semi anechoic chamber.
 - Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.