

Indoor Units

Fresh air processing unit

220-240/1/50-60 DC



		CTVS-IFA-X-048-A-CE-DC-1	CTVS-IFA-X-068-A-CE-DC-1	CTVS-IFA-X-085-A-CE-DC-1	CTVS-IFA-X-096-A-CE-DC-1
PERFORMANCE					
Nominal Cooling Capacity	Btu/h	47,770	68,243	85,304	95,540
	Kw	14	20	25	28
Nominal Heating Capacity	Btu/h	40,946	42,993	54,594	61,419
	Kw	12	12.6	16	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	480	850	850	850
Power Input (10 Pa) Heating	Kw	480	850	850	850
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	3.50	5.20	5.20	5.20
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.34	0.80	0.96	0.96
FLA	Amp	2.80	4.10	4.10	4.10
GENERAL DATA					
Airflow rate 3	m3/h (CFM)	2000 (1177)	3000 (1776)	3000 (1776)	3000 (1776)
	m3/h (CFM)	1917 (1128)	2833 (1667)	2833 (1667)	2833 (1667)
	m3/h (CFM)	1833 (1079)	2667 (1570)	2667 (1570)	2667 (1570)
	m3/h (CFM)	1750 (1030)	2500 (1471)	2500 (1471)	2500 (1471)
	m3/h (CFM)	1667 (981)	2333 (1373)	2333 (1373)	2333 (1373)
	m3/h (CFM)	1583 (932)	2167 (1275)	2167 (1275)	2167 (1275)
	m3/h (CFM)	1500 (883)	2000 (1177)	2000 (1177)	2000 (1177)
External static pressure 4	Pa	150 (100~250)	200 (100~400)	200 (100~400)	200 (100~400)
Sound pressure level 5	dB(A)	48	50	50	50
	dB(A)	47	49	49	49
	dB(A)	46	48	48	48
	dB(A)	45	47	47	47
	dB(A)	44	46	46	46
	dB(A)	43	44	44	44
	dB(A)	42	43	43	43
Dimmension	Net (mm)	1322x493x691	1454x515x931	1454x515x931	1454x515x931
	Packed (mm)	1436x450x768	1509x550x990	1509x550x990	1509x550x990
Weight Net/Gross	KG	68/76	130/142	130/142	130/142
	(Lbs)	149.9/167.6	286.6/313.1	286.6/313.1	286.6/313.1
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"	7/8"	7/8"	7/8"
	Liquid	3/8"	1/2"	1/2"	1/2"
Drain Pipe (OD)	mm	25	32	32	32
Ambient Temperature Cooling	°C	20°C to 43°C	20°C to 43°C	20°C to 43°C	20°C to 43°C
	°F	68°F to 109.4°F	68°F to 109.4°F	68°F to 109.4°F	68°F to 109.4°F
Ambient Temperature Heating	°C	-5°C to 16°C	-5°C to 16°C	-5°C to 16°C	-5°C to 16°C
	°F	23°F to 60.8°F	23°F to 60.8°F	23°F to 60.8°F	23°F to 60.8°F
Ambient Temperature Fan only	°C	16°C to 20°C	16°C to 20°C	16°C to 20°C	16°C to 20°C
	°F	60.8°F to 68°F	60.8°F to 68°F	60.8°F to 68°F	60.8°F to 68°F

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		CTVS-IFA-X-154-A-CE-DC-1	CTVS-IFA-X-191-A-CE-DC-1
PERFORMANCE			
Nominal Cooling Capacity	Btu/h	153,546	191,080
	Kw	45	56
Nominal Heating Capacity	Btu/h	95,540	133,074
	Kw	28	39
ELECTRICAL DATA			
Power Supply	V/Ph/Hz	220-240/1/50-60	220-240/1/50-60
Power Input (10 Pa) Cooling	Kw	1080	2272
Power Input (10 Pa) Heating	Kw	1080	2272
Min. Voltage	Volts	198	198
Max. Voltage	Volts	264	264
MCA	Amp	6.60	14.50
MFA	Amp	30	30
Rated Motor Output	Kw	0.92	1.84
FLA	Amp	4.10	11.60
GENERAL DATA			
Airflow rate 3	m3/h (CFM)	4,200	6,000
	m3/h (CFM)	3,967	5,665
	m3/h (CFM)	3,733	5,330
	m3/h (CFM)	3,500	5,000
	m3/h (CFM)	3,267	4,665
	m3/h (CFM)	3,033	4,330
	m3/h (CFM)	2,800	4,000
External static pressure 4	Pa	300 (100~400)	300 (100~400)
Sound pressure level 5	dB(A)	58	59
	dB(A)	56	57
	dB(A)	55	56
	dB(A)	53	55
	dB(A)	51	53
	dB(A)	49	51
	dB(A)	48	50
Dimmension	Net (mm)	2010×905×680	2010×905×680
	Packed (mm)	2095×929×689	2095×929×689
Weight Net/Gross	KG	195/215	218/248
	(Lbs)	429.9/474	480.6/546.7
Refrigerant type		R410A	R410A
Design pressure (H/L)	Mpa	4.4/2.6	4.4/2.6
Refrigerant Pipe Connections (inch)	Gas	1-1/8"	1-1/8"
	Liquid	5/8"	5/8"
Drain Pipe (OD)	mm	32	32
Ambient Temperature Cooling	°C	20°C to 43°C	20°C to 43°C
	°F	68°F to 109.4°F	68°F to 109.4°F
Ambient Temperature Heating	°C	-5°C to 16°C	-5°C to 16°C
	°F	23°F to 60.8°F	23°F to 60.8°F
Ambient Temperature Fan only	°C	16°C to 20°C	16°C to 20°C
	°F	60.8°F to 68°F	60.8°F to 68°F