

Indoor Units

High Wall

220-240/1/50-60 DC



	CTVS-IHW-X-008-A-CE-DC-1	CTVS-IHW-X-010-A-CE-DC-1	CTVS-IHW-X-012-A-CE-DC-1	CTVS-IHW-X-015-A-CE-DC-1
--	--------------------------	--------------------------	--------------------------	--------------------------

PERFORMANCE					
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

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	28	28	30	40
Power Input (10 Pa) Heating	Kw	28	28	30	40
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	0.32	0.32	0.45	0.47
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.02	0.02	0.058	0.058
FLA	Amp	0.25	0.25	0.36	0.37

GENERAL DATA					
Airflow rate 3	m3/h (CFM)	422 (248)	417 (245)	656 (386)	594 (350)
	m3/h (CFM)	411 (242)	402 (237)	628 (370)	563 (331)
	m3/h (CFM)	402 (237)	386 (227)	591 (348)	535 (315)
	m3/h (CFM)	393 (231)	370 (218)	573 (337)	507 (298)
	m3/h (CFM)	380 (224)	353 (208)	544 (320)	478 (281)
	m3/h (CFM)	368 (217)	338 (199)	515 (303)	450 (265)
	m3/h (CFM)	356 (210)	316 (186)	488 (287)	424 (250)
External static pressure 4	Pa				
Sound pressure level 5	dB(A)	31	31	33	35
	dB(A)	30	30	32	34
	dB(A)	30	30	32	33
	dB(A)	30	30	31	33
	dB(A)	29	29	31	32
	dB(A)	29	29	30	31
Dimmension (Body)	Net (mm)	835×280×203	835×280×203	990×315×223	990×315×223
	Packed (mm)	915×353×300	915×353×300	1075×395×300	1075×395×300
Body Net/Gross weight	KG	8.4/10.9	9.5/11.9	11.4/14.	12.8/15.
	(Lbs)	18.5 / 24.0	20.9 / 26.2	0 25.1 / 30.9	4 28.2 / 34.0
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	1/2"	1/2"	1/2"	1/2"
	Liquid	1/4"	1/4"	1/4"	1/4"
Drain Pipe (OD)	mm	16	16	16	16

Indoor Units

High Wall

220-240/1/50-60 DC



	CTVS-IHW-X-019-A-CE-DC-1	CTVS-IHW-X-024-A-CE-DC-1	CTVS-IHW-X-027-A-CE-DC-1	CTVS-IHW-X-031-A-CE-DC-1
--	--------------------------	--------------------------	--------------------------	--------------------------

PERFORMANCE					
Nominal Cooling Capacity	Btu/h	19,100	24,200	27,300	30,700
	Kw	5.6	7.1	8.0	9.0
Nominal Heating Capacity	Btu/h	21,500	27,300	30,700	34,100
	Kw	6.3	8.0	9.0	10.0

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	45	55	55	82
Power Input (10 Pa) Heating	Kw	45	55	55	82
Min. Voltage	Volts	198	198	198	198
Max. Voltage	Volts	264	264	264	264
MCA	Amp	0.58	0.90	0.90	1.10
MFA	Amp	15	15	15	15
Rated Motor Output	Kw	0.058	0.06	0.06	0.06
FLA	Amp	0.46	0.72	0.72	0.88

GENERAL DATA					
Airflow rate 3	m3/h (CFM)	747 (440)	1195 (703)	1195 (703)	1,421
	m3/h (CFM)	713 (420)	1130 (665)	1130 (665)	1,300
	m3/h (CFM)	685 (403)	1065 (627)	1065 (627)	1,125
	m3/h (CFM)	648 (381)	1005 (591)	1005 (591)	1,067
	m3/h (CFM)	613 (361)	940 (553)	940 (553)	1,005
	m3/h (CFM)	578 (340)	875 (515)	875 (515)	934
	m3/h (CFM)	547 (322)	809 (476)	809 (476)	867
	External static pressure 4	Pa			
Sound pressure level 5	dB(A)	38	44	44	48
	dB(A)	37	43	43	46
	dB(A)	36	42	42	45
	dB(A)	36	39	39	43
	dB(A)	35	38	38	41
	dB(A)	34	37	37	40
	dB(A)	34	36	36	38
Dimmension (Body)	Net (mm)	990×315×223	1194×343×262	1194×343×262	1194×343×262
	Packed (mm)	1075×395×300	1265×420×345	1265×420×345	1265×420×345
Body Net/Gross weight	KG (Lbs)	12.8/15.	17.0 /	17.0 /	17.0 /
		4	20.4	20.4	20.4
		28.2 /	37.5 /	37.5 /	37.5 /
		34.0	52.9	52.9	52.9
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	3/8"	3/8"	3/8"	3/8"
	Liquid	5/8"	5/8"	5/8"	5/8"
Drain Pipe (OD)	mm	16	16	16	16