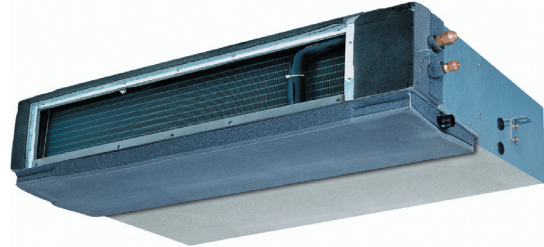
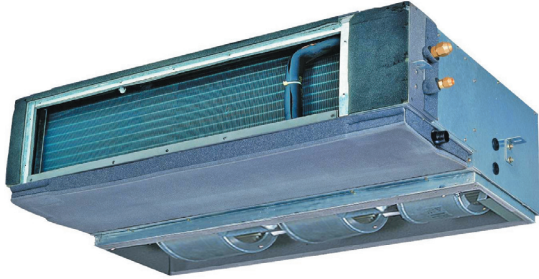
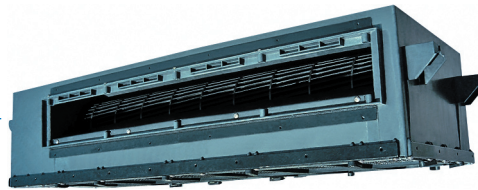


## Ducted Split system - R410A

### CDT 12-48 AM Range



Plastic body



### Standard Features

R 410A HIGH EFFICIENCY SPLIT SYSTEM

AUTO RESTART AFTER POWER FAILURE

AUTO CHANGE OVER

HI & LOW PRESSURE PROTECTION

LOW NOISE UNIT

AUTO FAN SPEED

SLEEP MODE & PRE HEAT FEATURE

DEFROST CYCLE ON INDOOR & OUTDOOR COILS

LOW AMBIENT OPERATION-OPTION

WIRED CONTROLLER

SELF DIAGNOSTIC FUNCTION

HIGH EFFICIENCY HEAT EXCHANGER

RETURN AIR FLEXIBLTY - FROM BACK OR BELOW

LONG PIPE RUNS

WASHABLE FILTER STANDARD ON SMALL SIZES

INFRA RED CONTROLLER WITH 24 HR TIMER - OPTION



DUCTED - CDT-AM SERIES - (R410A)

MAIN TECHNICAL SPECIFICATIONS

Model	Indoor unit Outdoor unit	CDT-12-HA1-AM CCU-12-HA1-AM	CDT-18-HA1-AM CCU-18-HA1-AM	CDT-24-HA1-AM CCU-24-HA1-AM	CDT-30-HA1-AM CCU-30-HA1-AM	CDT-36-HA1-AM CCU-36-HA3-AM	CDT-48-HA1-AM CCU-48-HA3-AM	
Nominal Capacity	Btu/h	12000	18000	24000	30000	36000	48000	
Cooling	Kw	3.5	5.4	7.1	9.2	10.5	14	
	Kw	1.165	1.9	2.51	3.27	3.7	4.7	
Heating	Amp	5.3	8.8	12.2	17	6.5	8.2	
	Kw/Kw	3	2.84	2.83	2.81	2.84	2.98	
Nominal Capacity	Btu/h	13000	20500	27300	32000	39000	52000	
Heating	Kw	3.8	6	8	9.4	11.4	15.2	
	Kw	1.2	1.9	2.5	3.23	3.35	4.9	
Energy Label	Amp	6.8	8.8	11	14.7	5.8	8.6	
	Kw/Kw	3.17	3.16	3.21	2.91	3.41	3.1	
Annual Energy Consumption - Cooling	Cooling	C	C	C	C	C	C	
	Heating	D	D	C	D	B	D	
Moisture Removal	Kw/Hr	583	950	1255	1635	1850	2350	
	L/h	1.2	1.8	2.4	3	3.8	4.8	
Power supply	Ph/V/Hz	1/220-240V/50Hz						
Max. Running current	Amp	8.9	11.7	15.3	21	8.5	10.7	
Max. Starting current	Amp	26	36.8	61	97	61	66	
<b>INDOOR UNIT</b>								
Indoor Unit	Air flow(Hi/Mid/Lo)	580/490/420	1160/1100/1050	1460/1400/1350	2070/1950/1860	2070/1950/1860	2400/2300/2200	
	Indoor external static pressure (Hi)	Pa	10	40	40	70	70	
	Noise level (Hi/Mid/Lo)	dB(A)	41/38/35	45/41/38	49/45/42	49/47/44	49/47/44	51/47/44
	Dimension (WxHxD) (body)	mm	955x210x385	1000x298x800	1000x298x800	1350x298x800	1350x298x800	1350x298x800
	Net/Gross weight (body)	kg	15/19	36/43	38/45	48/57	48/57	50/59
	<b>OUTDOOR UNIT</b>							
Outdoor Unit	Air flow	m3/h	2100	2400	3000	5000	6000	
	Noise level	dB(A)	43	48	55	57	57	58
	Compressor Type	ROTARY						
	Compressor Thermal protector	INNER						
	System Protection	HP / LP Control						
	Dimension(WxHxD)	mm	760x590x285	845x695x335	895x860x330	990x960x360	990x960x360	940x1245x340
	Net/ Gross weight	kg	44/48	57/62	68/70	90/102	90/102	112/127
	Refrigerant - Precharged Qty - UP to 5 m	grm	1120	2050	2600	3450	3100	4000
	Add extra grams of refrig. per extra meter	grm/m	30	30	65	90	90	90
	Liquid side	mm(inch)	6.35 (1/4)	6.35 (1/4)	9.53 (3/8)	12.7 (1/2)	12.7 (1/2)	12.7 (1/2)
	Gas side	mm(inch)	12.7 (1/2)	12.7 (1/2)	16 (5/8)	19 (3/4)	19 (3/4)	19 (3/4)
	Max. pipe length	m	25	25	30	30	30	50
Max. difference in level	m	15	15	15	20	20	30	

Notes:  
 1) All capacities are based on: Cooling: indoor 27°C DB, 19.5°CWB, outdoor 35°CDB, 24°C DB, 6°C WB Heating: indoor 20°C DB, outdoor 7°C DB, 6°C WB  
 2) All specifications are subject to change by the manufacturer without prior notice  
 3) Energy Label: Scale from A (highest efficiency) to G (Lowest efficiency)  
 4) Annual Energy consumption calculated on average of 500 running hours per year on full load

# DUCTED SPLIT AIRCONDITIONING SYSTEM R410A

