



MINI CENTRAL

DUCTED MINI CENTRAL IS THE RIGHT SOLUTION FOR BOTH RESIDENTIAL AND LIGHT COMMERCIAL APPLICATION. IT IS SILENT, COMPACT AND EASY TO MAINTAIN.

CONTROLS



Infrared remote control
Room controller

FEATURES

Aesthetic design: elegant and compact.

Ease of installation: compact dimensions and footprint.
Condensing unit equipped with ergonomic handles.

Low noise level: patented centrifugal fan, elephant ear propeller, new heat exchangers, improved air management system (AMS), and quiet compressors.

Optimal thermal distribution (increased air throw and minimized cold air draft): patented heat transfer and aerodynamics technologies, efficient air management system (AMS) and compressors.

Air filtration: standard anti-bacteria and anti-dust washable air filters.

Ease of maintenance: self diagnostic function for malfunctions detection and easy accessibility to all key components. Service valves with built-in pressure ports.

Perfect control: dual unit control (wireless or wall-mounted).

OUTDOOR UNITS



Single split: 38CCD

System size		20	28	32	39	48	60
Indoor unit model	Cooling only	42CCD20-C	42CCD28-C	42CCD32-C	42CCD39-C	42CCD48-C	42CCD60-C
Outdoor unit model	Cooling only	38CCD20-C	38CCD28-C	38CCD32-C	38CCD39-C	38CCD48-C	38CCD60-C
Cooling capacity	kW	5,86	7,56	9,00	11,58	14,51	16,85
Cooling capacity	Btu/hr	20000	25800	30700	39500	49500	57500
Power input (Outdoor + Indoor)	W	1915	2520	3080	4020	3970	5045
E.E.R.	W/W	3,06	3,00	2,92	2,88	3,65	3,34
E.E.R.	Btu/wh	10,44	10,24	9,97	9,83	12,47	11,40
Indoor unit model	Heat pump	42CCD20-H	42CCD28-H	42CCD32-H	42CCD39-H	42CCD48-H	42CCD60-H
Outdoor unit model	Heat pump	38CCD20-H	38CCD28-H	38CCD32-H	38CCD39-H	38CCD48-H	38CCD60-H
Cooling capacity	kW	5,86	7,56	9,00	11,58	14,07	17,00
Cooling capacity	Btu/hr	20000	25800	30700	39500	48000	58000
Power input (Outdoor + Indoor)	W	1915	2520	3080	4020	3955	5100
E.E.R.	W/W	3,06	3,00	2,92	2,88	3,56	3,33
E.E.R.	Btu/wh	10,44	10,24	9,97	9,83	12,14	11,37
Heating capacity	kW	5,50	7,33	7,62	9,73	12,31	15,24
Heating capacity	Btu/hr	18750	25000	26000	33200	42000	52000
Power input (Outdoor + Indoor)	W	1575	2265	2885	3260	3815	4910
C.O.P	W/W	3,49	3,23	2,64	2,98	3,22	3,10
Indoor unit model		42CCD20-C/H	42CCD28-C/H	42CCD32-C/H	42CCD39-C/H	42CCD48-C/H	42CCD60-C/H
Dehumidification	l/h	2,5	3,2	4	4,5	5,6	6,8
Nominal air flow (low/med/high)	cfm	610/949/1102	830/966/1144	797/983/1220	1203/1508/1746	1441/1771/2034	1644/1898/2271
Sound Pressure (low/med/high)	dB(A)	43 / 53 / 57	48 / 51 / 75	54 / 56 / 58	54 / 57 / 60	53 / 57 / 59	55 / 57 / 60
Sound Power (low/med/high)	dB(A)	47 / 57 / 61	52 / 55 / 61	58 / 60 / 62	58 / 61 / 64	57 / 61 / 63	59 / 61 / 64
Dimensions (LxHxD)	mm	1000x270x590	1000x270x590	1210x270x590	1420x270x590	1420x270x590	1630x370x590
Weight	kg	26	28	30	35	49	56
Indoor Fan Motor Type		PSC - Totally Enclosed					
Air filtration Type		Plastic Mesh				Aluminium Mesh	
Outdoor unit Model		38CCD20-C/H	38CCD28-C/H	38CCD32-C/H	38CCD39-C/H	38CCD48-C/H	38CCD60-C/H
Compressor type		Rotary	Rotary	Reciprocating	Reciprocating	Scroll	Scroll
Refrigerant type		R22	R22	R22	R22	R22	R22
Maximum pipe length	m	20	20	25	25	25	25
Maximum height difference	m	10	10	15	15	15	15
Sound pressure	dB(A)	60	62	64	64	68	69
Sound power	dB(A)	65	67	69	69	72	73
Dimensions (LxHxD)	mm	860x575x350	860x575x350	860x575x350	860x720x350	860x1150x350	860x1150x350
Weight	kg	52,8	58,5	62,4	79,5	90	92
Outdoor Fan Motor Type		PSC - Totally Enclosed					
Pipe connection type		Flare					
Pipe Connection Sizes	Liquid	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"
	Suction	5/8"	5/8"	5/8"	5/8"	3/4"	7/8"
	Drain	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Recommended Wire Size / No. of Wires for Power Supply to Outdoor Unit	mm ² /qty	Size 4mm ²		Size 6mm ²		Size 4mm ²	
		(2 Wires + 1 Earth)		(2 Wires + 1 Earth)		(4 Wires + 1 Earth)	
Recommended Wire Size / No. of Wires for Controls from Indoor Unit to Outdoor Unit (CO)	mm ² /qty	Size 1mm ²					
		(3 Wires + 1 Earth)					
Recommended Wire Size / No. of Wires for Controls from Indoor Unit to Outdoor Unit (HP)	mm ² /qty	Size 1mm ²					
		(7 Wires + 1 Earth)					
Power supply	V-ph-Hz outdoor Unit	200-240/1/50	200-240/1/50	200-240/1/50	200-240/1/50	380-420/3/50	380-420/3/50

42CCD

