

Mini Cassette Air Conditioning Units



Comfort mini cassettes are elegant units specially designed for smaller individual offices where space is of the essence. The quiet operation of both the indoor and outdoor units adds to this system's desirability and keeps sound pollution to a minimum.

The units are a compact unit designed specifically to fit into the area of a standard suspended ceiling tile and into a ceiling void of as little as 280mm. With an energy saving up to 30% compared to ordinary models, these units are highly energy efficient making them an ideal choice for anyone concerned about rising fuel bills.

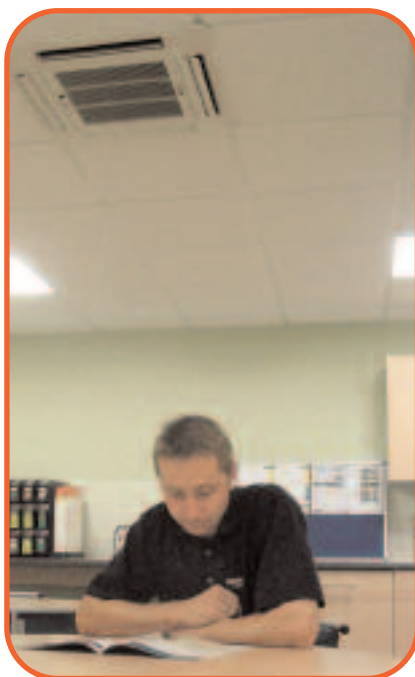
Features

- Auto restart after 3 minutes.
- Hand held remote controller
- Fan speed controller.
- Standard long life filter, easy to clean.
- Quiet operation, with 3 dimensional screw fan.
- Drainage discharge pump inclusive.
- Heating and cooling function.



System Capacity

Model	Cooling BTU	Heating BTU
MCA-12	12000	15000
MCA-18	18000	20500



Technical Specification

Model	MCA-12	MCA-18
Control	hand held remote	
Performance kW		
cooling	3.5	4.4
heating	4.4	6
Run current (amps)		
cooling	6.4	9.8
heating	6	10.5
MCB (motor rated)	10	16
Phase	1	1
Supply to	indoor	indoor
Wiring		
mains to indoor	3 Core 1.5mm	3 Core 2.5mm
mains indoor to outdoor	N/A	N/A
interconnecting	5 Core 1.5mm	5 Core 2.5mm
sensor	2 Core 0.75mm	2 Core 0.75mm
Pipe size (inch)		
gas	1/2"	1/2"
liquid	1/4"	1/4"
Pipe length max (m)	30	30
Unit height max (m)	20	20
Indoor unit air flow m3/min	11.3	14.3
Std. charge (m) (grams)	8m 1330g	8m 2000g
Add charge (m) (grams)	30	30
Unit dimensions WxHxD mm		
Panel	650x30x650	650x30x650
indoor	580x254x580	580x254x580
outdoor	760x590x285	845x695x335
Weight (kg)		
panel	3	3
indoor	21	21
outdoor	41.5	55
Sound Levels db(A)		
indoor	35	40
outdoor	42	48

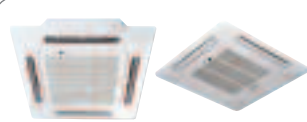


Comfort Building Services Ltd
 7 Lennox Mall, Lennox Road, Basingstoke,
 Hampshire, RG22 4DF
 01256 842500 01256 814661
www.cbsuk.com, enquiries@cbsuk.com

Complete Comfort Range of Air Conditioning Units



Infra Red Remote Control
All fixed units



Ceiling Cassettes



Ceiling & Floor



Model	MCA-12	MCA-18	MCA-24	MCA-48	MUA-24
Control	Hand held remote	Hand held remote	Hand held remote	Hand held remote	Hand held remote
Performance kW					
cooling	3.5	4.4	7	14	7.0
heating	4.4	6	8	15.5	8.7
Run current (amps)					
cooling	6.4	9.8	13.8	9.6	13.8
heating	6	10.5	13	10.1	13
MCB (motor rated)	10	16	20	16	20
Phase	1	1	1	3	1
Supply to	indoor	indoor	indoor	indoor	indoor
Wiring					
mains to indoor	3 Core 1.5mm	3 Core 2.5mm	3 Core 2.5mm	5 Core 2.5mm	3 Core 2.5mm
mains indoor to outdoor	N/A	N/A	N/A	5 Core 2.5mm	N/A
interconnecting	5 Core 1.5mm	5 Core 2.5mm	6 Core 2.5mm	4 Core 1mm	5 Core 2.5mm
sensor	2 Core 0.75mm	2 Core 0.75mm	3 Core 0.75mm	3 Core 0.75mm	3 Core 0.75mm
Pipe size (inch)					
gas	1/2"	1/2"	5/8"	3/4"	5/8"
liquid	1/4"	1/4"	3/8"	1/2"	3/8"
Pipe length max (m)	30	30	30	30	30
Unit height max (m)	20	20	20	20	10
Indoor unit air flow m3/min	11.3	14.3	17.5	29.2	16.6
Std. charge (m) (grams)	8m 1330g	8m 2000g	8m 2500g	8m 4050g	8m 2500g
Add charge (m) (grams)	30	30	65	65	65
Unit dimensions WxHxD mm					
panel	650x30x650	650x30x650	950x 40x950	950x 40x950	-
indoor	580x254x580	580x254x580	840x240x840	840x240x840	1200x600x220
outdoor	760x590x285	845x695x335	895x860x330	940x1245x360	895x860x330
Weight (kg)					
panel	3	3	6	6	-
indoor	21	21	36	40	32
outdoor	41.5	55	74	112	74
Sound levels db(A)					
indoor	35	40	40	44	40
outdoor	42	48	52	57	52



Infra Red Remote Control
All fixed units



Wall Mount



Portable



Model	MSG-12	MSG-18	MSG-24	MSG-30	MPK-12
Control	Hand held remote	Hand held remote	Hand held remote	Hand held remote	-
Performance kW					
cooling	3.5	5.3	7.0	8.2	3.5
heating	4.0	6.2	7.9	9.1	1.7
Run current (amps)					
cooling	5.8	9.0	12.5	15	5.9
heating	6.0	9.8	12.5	15	7.4
MCB (motor rated)	10	16	20	20	-
Phase	1	1	1	1	-
Supply to	indoor	indoor	indoor	indoor	indoor
Wiring					
mains to indoor	3 Core 1.5mm	3 Core 2.5mm	3 Core 2.5mm	3 Core 2.5mm	3 Core 2.5mm
mains indoor to outdoor	-	-	-	-	-
interconnecting	5 Core 1.5mm	5 Core 2.5mm	6 Core 2.5mm	6 Core 2.5mm	-
sensor	-	2 Core 0.75mm	2 Core 0.75mm	2 Core 0.75mm	-
Pipe size (inch)					
gas	1/2"	1/2"	5/8"	5/8"	-
liquid	1/4"	1/4"	3/8"	3/8"	-
Pipe length max (m)	10	10	10	10	-
Unit height max (m)	5	5	5	5	-
Indoor unit air flow m3/min	10	13.5	17.5	19.2	6
Std. charge (m) (grams)	5m 730g	5m 2100g	5m 2220g	5m 2220g	510g
Add charge (m) (grams)	30	30	30	30	-
Unit dimensions WxHxD mm					
panel	-	-	-	-	-
indoor	815x280x195	906x286x235	1080x330x222	1080x330x222	460x840x325
outdoor	780x540x250	760x590x260	845x695x335	845x695x335	-
Weight (kg)					
panel	-	-	-	-	-
indoor	10.5	13.5	17	17	36
outdoor	36	44	62	64	-
Sound levels db(A)					
indoor (hi/mid/low)	36/32/29	41/37/35	43/40/37	45/42/39	52
outdoor	50	53	55	57	-
Tank volume (litres)	-	-	-	-	4
Exhaust hose					
length (mm)	-	-	-	-	2100
diameter (mm)	-	-	-	-	130