

High Wall Air Conditioning Units

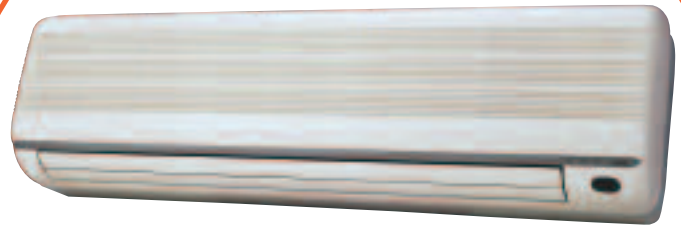


The indoor body of the Comfort high wall units offer a slim, aesthetically pleasing design, co-ordinating unobtrusively with any interior. The Comfort units are quiet and will efficiently fulfil both heating and cooling requirements. The outdoor body is elegant, shows excellent resistance to severe weather conditions and, with a modularised parts design, it is easy to service and maintain.

Indoors, the vertical directional adjustment of the louvre allows for a wide range of airflow throughout the room enabling optimal coverage to be achieved.

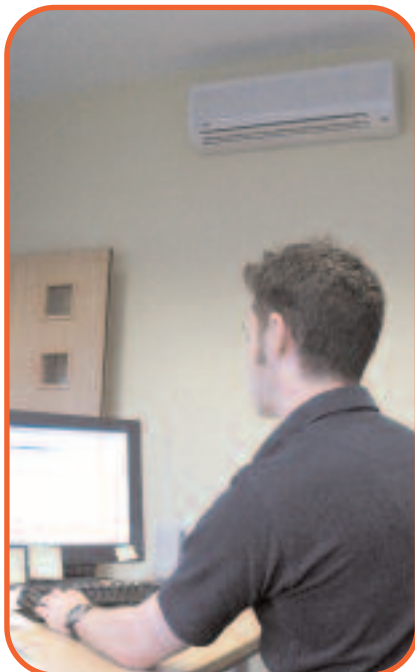
Features

- Self-diagnosis and auto-protection function.
- Flexible wiring connection.
- Low noise air flow system.
- Sleep mode.
- Two-direction air vane technology.
- Heating and cooling function.
- Easy-washable panel.
- Hand held remote control.



System Capacity

Model	Cooling BTU	Heating BTU
MSG-12	12000	13500
MSG-18	18000	21000
MSG-24	24000	27000
MSG-30	28000	31000



Technical Specification

Model	MSG-12	MSG-18	MSG-24	MSG-30
Control	hand held remote			
Performance kW				
cooling	3.5	5.3	7.0	8.2
heating	4.0	6.2	7.9	9.1
Run current (amps)				
cooling	5.8	9.0	12.5	15
heating	6.0	9.8	12.5	15
MCB (motor rated)	10	16	20	20
Phase	1	1	1	1
Supply to	indoor	indoor	indoor	indoor
Wiring				
mains to indoor	3 Core 1.5mm	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
Std. charge (m) (grams)	5m 730g	5m 2100g	5m 2220g	5m 2220g
Add charge (m) (grams)	30	30	30	30
Unit dimensions WxHxD mm				
panel	-	-	-	-
indoor	815x280x195	906x286x235	1080x330x222	1080x330x222
outdoor	780x540x250	760x590x260	845x695x335	845x695x335
Weight (kg)				
panel	-	-	-	-
indoor	10.5	13.5	17	17
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
outdoor	50	53	55	57

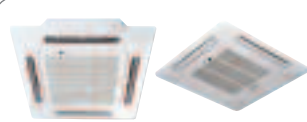


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Complete Comfort Range of Air Conditioning Units



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