



airconditioningcentre[®]

climate controlled environments



www.airconditioningcentre.com

Wall Split Systems

ENERGY EFFICIENT COOLING AND HEATING

Introducing our WiFi Controlled, Super Inverter, high-gloss white & piano black ranges of wall mounted split air conditioning systems – a UK exclusive product!

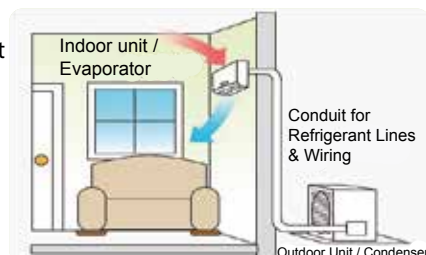
OPTIONAL INSTALLATION PACKAGES AVAILABLE

WHAT YOU GET:

- * Outdoor unit positioned on concrete slabs, plastic feet or wall bracket kit (all extra).
- * Up to 4 metres of refrigeration pipe and interconnecting cables
- * Up to 2 metres electrical supply
- * 2.5kw to 7kw output connected to existing power circuit

BASIC BACK TO BACK

The outdoor unit is directly behind or adjacent to the indoor unit mounting wall and the pipes and drain run straight down, no more than 4 metres away to the outdoor unit.



These prices include refrigeration work BUT NOT electrical work.
All Installation & pricing is subject to site survey.

Our split air conditioners comprise two elements - an internal and an external unit. The internal unit is fitted to a metal mounting plate on a wall in the room to be cooled, whilst the external unit is situated outside the building. The two are connected using copper pipe. The external unit, or condenser, removes the heat from the room and dissipates it outside, along with any condensation that's built-up in the system, whilst the internal unit provides cooling.

Features:

- Remote control, WiFi + Alexa and Google Voice control
- Adjustable fan speeds for rapid cooling or minimum noise
- Heat-pump model provides heating as well as cooling
- Oscillating air vanes for dissipation of cold air
- A timer feature that will turn the unit on and off automatically
- High efficiency air filters to remove odours and particles
- Anti-mould coating for hygienic operation
- Digital display to show operational settings and temperature
- A "Smart Air" feature that will recall previous settings at the push of a button

Standard Features on These Models



See back page for key to symbols

High Efficiency Filter Screen



SUPER
inverter

Powered By
PANASONIC
COMPRESSOR
inside

WiFi
Control

works with the
Google Assistant

WORKS WITH
amazon alexa

R32
Pure Natural Refrigerant

These models are available as an Installed Package

5
year warranty

1. Installed by F-Gas registered installer.
2. Systems must be serviced by F-Gas registered installer.
3. Warranty + Services must be registered with Air Conditioning Centre.

Model No	KFR-23W/AG	KFR-33W/AG	KFR-53W/AG	KFR-63W/AG	KFR-26W/AG	KFR-36W/AG	KFR-56W/AG	KFR-66W/AG
Refrigerant Type	R32	R32	R32	R32	R32	R32	R32	R32
Power Rating (Ph-VHz)	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz
Capacity BTU/h (Cooling) Kw (Max Kw)	9000 / 2.5 (3.3)	12000 / 3.5 (4)	18000 / 5.1 (5.8)	24000 / 7.0 (7.8)	9000 / 2.5 (3.3)	12000 / 3.5 (4)	18000 / 5.1 (5.8)	24000 / 7.0 (7.8)
Capacity BTU/h (Heating) Kw (Max Kw)	9000 / 2.5 (3.3)	12000 / 3.5 (4.3)	18000 / 5.1 (6)	24000 / 7.0 (8.1)	9000 / 2.5 (3.3)	12000 / 3.5 (4.3)	18000 / 5.1 (6)	24000 / 7.0 (8.1)
Power Input (W) Cooling+Heating (Max Kw)	670-660 (1.2)	1090-990 (1400-1270)	1650-1580 (1950-1860)	2250-2120 (2850-2820)	670-660 (1.2)	1090-990 (1400-1270)	1650-1580 (1950-1860)	2250-2120 (2850-2820)
Current Input (A) Cooling+Heating	3.0-2.9	4.9-4.5	7.2-6.9	9.8-9.2	3.0-2.9	4.9-4.5	7.2-6.9	9.8-9.2
EEER/SEER (BTU/hr/W)	SEER 6.1	SEER 6.1	SEER 6.1	SEER 6.1	SEER 6.1	SEER 6.1	SEER 6.1	SEER 6.1
COP/SCOP (W/W)	SCOP 4.0	SCOP 4.0	SCOP 4.0	SCOP 4.0	SCOP 4.0	SCOP 4.0	SCOP 4.0	SCOP 4.0
Dehumidification L/h	0.9	1.3	1.86	2.56	0.9	1.3	1.86	2.56
Indoor Noise Level SPL dB (A) (Max)	38-47	28-40	32-44	45-56	38-47	28-40	32-44	45-56
Outdoor Noise Level SPL dB (A) (Max)	63	63	65	69	63	63	65	69
Indoor Airflow (m3/h)	≥500	≥600	≥1000	≥1100	≥500	≥600	≥1000	≥1100
Max. Current Rating (A) Fuse Rating (Type D)	7	8	13	16	7	8	13	16
Net Dimension (mm) Indoor (WxDxH)	780x276x202	780x276x202	950x313x240	1055x313x240	780x276x202	780x276x202	950x313x240	1055x313x240
Unit Dimension (mm) Outdoor (WxDxH)	715x235x540	715x235x540	850x295x605	880x330x650	715x235x540	715x235x540	850x295x605	880x330x650
Net Weight Indoor (kg)	10	10	14	16	10	10	14	16
Net Weight Outdoor (kg)	25	34	38	44	25	34	38	44
Max Room Size (m2)	13-25	16-30	25-45	34-60	13-25	16-30	25-45	34-60
Max Conservatory Size (m2)	12	15	25	30	12	15	25	30
Connecting Pipe Length (m)	4	4	4	6	4	4	4	6
Pipe Diameter Liquid/Gas (Inch)	1/4" & 3/8"	1/4" & 3/8"	1/4" & 1/2"	3/8" & 5/8"	1/4" & 3/8"	1/4" & 3/8"	1/4" & 1/2"	3/8" & 5/8"
Selectable Temp Range °C	16-32	16-32	16-32	16-32	16-32	16-32	16-32	16-32
Max/Max Operating Temp (Cooling/Heating) °C	-15/-10	-15/-10	-15/-10	-15/-10	-15/-10	-15/-10	-15/-10	-15/-10
Automatic Restart after Power Failure	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Refrigerant Leak Detection & Self Diagnosis Systems	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Indoor Model size (mm)	783x279x195	783x279x195	950x313x242	1055x313x242	783x279x195	783x279x195	950x313x242	1055x313x242
Indoor Gross Size (mm)	950x367x305	950x367x305	1045x403x330	1148x400x328	950x367x305	950x367x305	1045x403x330	1148x400x328
Indoor Gross Weight (kg)	12	12	17	19	12	12	17	19
Indoor Nett Weight (kg)	10	10	14	16	10	10	14	16
Outdoor Model size (mm)	715x235x540	715x235x540	850x295x605	880x330x650	715x235x540	715x235x540	850x295x605	880x330x650
Outdoor Gross Size (mm)	851x335x600	851x335x600	995x415x680	1030x445x735	851x335x600	851x335x600	995x415x680	1030x445x735
Outdoor Gross Weight (kg)	28	29	43	50	28	29	43	50
Outdoor Nett Weight	25	27	38	44	25	27	38	44

Super Inverter Ceiling Cassette Systems

Our EASYfit ceiling cassette air conditioner comprises two elements - an internal and an external unit. The internal unit is fitted into the ceiling in the room to be cooled, whilst the external unit is situated outside the building. The two are connected using copper pipe. The external unit, or condenser, removes the heat from the room and dissipates it outside, along with any condensation that's built-up in the system, whilst the internal unit provides cooling. All our systems will Heat the room as well when required.

Features:

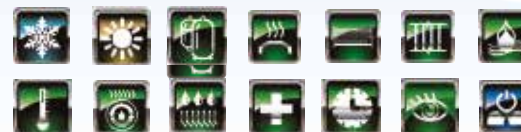
- Remote control
- Adjustable fan speeds for rapid cooling or minimum noise
- Heat-pump model provides heating as well as cooling
- Oscillating air vanes for dissipation of cold air
- A timer feature that will turn the unit on and off automatically
- High efficiency air filters to remove odours and particles
- Anti-mould coating for hygienic operation
- Digital display to show operational settings and temperature
- A "Smart Air" feature that will recall previous settings at the push of a button

Inverter air conditioners use a variable-frequency drive to control the speed of the motor and thus the compressor. The variable-frequency drive uses a rectifier to convert the incoming AC current to DC and then uses pulse-width modulation of the DC current within an inverter to produce AC current of a desired frequency. The AC current is used to drive a brushless motor or an induction motor.

Model No	KFR-50QIW/X1CM	KFR-74QIW/X1CM	KFR-120QIW/X1CM
Power Rating (Ph-V-Hz)	1/ 220-240V / 50 Hz	1 /220-240V / 50Hz	1 /220-240V / 50Hz
Capacity BTU Cooling kW (Max kW)	17000 / 5.0	24000 / 7.3	36000 / 10.5
Capacity BTU Heating kW (Max kW)	18000 / 5.3	26000 / 8.0	40000 / 11.2
Power Input (W) Cooling/Heating	1550~1460	2180~2100	3230~3250
Current Input (A) Cooling/Heating	7.1~6.7	10.0~9.6	5.6~5.6
EER (BTU/hr.w)	5.6	6.5	5.6
COP (W/W)	3.8	3.8	3.8
Dehumidification (L/h)	1.7	2.6	3.5
Indoor Noise Level dB(A) (Hi/M/Lo)	42	43	48
Outdoor Noise Level dB(A)	51	54	55
Indoor Airflow (m3/h) (Hi/M/Lo)	800 max	1780 max	1850 max
Max. Current Rating (A) Fuse Rating (type D)	8	11	12
Net Dimension (mm) indoor (W/D/H)	570x570x260	840x840x245	840x840x245
Net Dimension (mm) outdoor (W/D/H)	760x590x285	845x895x335	990x966x354
Net/Gross Weight (kg) indoor	18	24	27
Net/Gross Weight (kg) outdoor	40	53	82
Max Room Size (m ²)	25-45	34-60	50-100
Max Conservatory Size (m ²)	N/A	N/A	N/A
Connecting Pipe Length (m)	5	6	6
Pipe Diameter Liquid/Gas (Inch)	1/4 & 1/2	3/8 & 5/8	3/8 & 5/8
Selectable Temp Range °C	17-30	17-30	17-30
Minimum Operating Temp (Cooling/Heating) °C	-7 / -15	-7 / -15	-10 / -15
Automatic Restart after Power Failure	Yes	Yes	Yes
Automatic Refrigerant Leak Detection & Self Diagnosis Systems	Yes	Yes	Yes



Standard Features on all Models



See back page for key to symbols

High Efficiency Filter Screen



These models are available as an Installed Package



1. Installed by F-Gas registered installer.
2. Systems must be serviced by F-Gas registered installer.
3. Warranty + Services must be registered with Air Conditioning Centre.



3 Core Intelligent Digital Inverter Technology

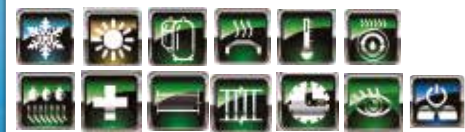
Console Systems

Our Console air conditioners are specially designed to be installed on the floor or lower wall. They comprise two elements - an internal and an external unit. The elegant and thin unit body complements the existing decor and saves space whilst the external unit is situated outside the building. The two are connected using copper pipe. The external unit or condenser removes the heat from the room and dissipates it outside along with any condensation that's built-up in the system whilst the internal unit provides cooling.

Model No	KFR-37CIW/X1CM
Refrigerant Type	R410a
Power Rating (Ph-V-Hz)	1/220-240V/50Hz
Capacity BTU/h (Cooling) Kw (Max Kw)	12000/3.5
Capacity BTU/h (Heating) Kw (Max Kw)	13000/3.6
Power Input (W) Cooling~Heating (Max Kw)	1090-970
Current Input (A) Cooling~Heating	5-4.5
EER/SEER (BTU/hr.W)	6.2
COP/SCOP (W/W)	3.8
Dehumidification L/h	1.1
Indoor Noise Level SPL dB (A) (Max)	47
Outdoor Noise Level SPL dB (A) (Max)	51
Indoor Airflow (m3/h)	700 max
Max. Current Rating (A) Fuse Rating (Type D)	7
Net Dimension (mm) Indoor (WxDxH)	700x210x600
Unit Dimension (mm) Outdoor (WxDxH)	780x250x547
Net Weight Indoor (Kg)	15
Net Weight Outdoor (Kg)	34
Max Room Size (m2)	16-27
Max Conservatory Size (m2)	12
Connecting Pipe Length (m)	4
Pipe Diameter Liquid/Gas (Inch)	1/4 & 1/2
Selectable Temp Range °C	17-30
Max/Max Operating Temp (Cooling/Heating)°C	-15
Automatic Restart after Power Failure	Yes
Automatic Refrigerant Leak Detection & Self Diagnosis Systems	Yes
Indoor Model Size (mm)	700x210x600
Indoor Nett Weight (kg)	15
Outdoor Model Size (mm)	780x250x547
Outdoor Nett Weight (kg)	34

- Features:
- Remote control
 - Adjustable fan speeds for rapid cooling or minimum noise
 - Heat-pump model provides heating as well as cooling
 - Oscillating air vanes for dissipation of cold air
 - A timer feature that will turn the unit on and off automatically
 - High efficiency air filters to remove odours and particles
 - Anti-mould coating for hygienic operation
 - Digital display to show operational settings and temperature
 - Vertical auto swing and wide angle louvers ensure that warm air reaches every corner of the room and increases the air flow coverage

Standard Features on all Models



See back page for key to symbols

SUPER
inverter



SUPER
inverter



Low Wall/Under Ceiling Systems

Our Low-Wall air conditioners are specially designed to be effective on Dwarf Walls in Conservatories. They comprise two elements - an internal and an external unit. The internal unit can be fitted onto a Dwarf Wall in a Conservatory, whilst the external unit is situated outside the building. The external unit, or condenser, removes the heat from the room and dissipates it outside, along with any condensation that's built-up in the system, whilst the internal unit provides cooling. The two are connected using copper pipe. All our systems will Heat the room as well when required.

Model No	KFR-55LW/X1CM	KFR-75LW/X1CM
Power Rating (Ph-V-Hz)	1 / 220-240V / 50Hz	1 / 220-240V / 50Hz
Capacity BTU Cooling kW (Max kW)	18000 / 5.3	24000
Capacity BTU Heating kW (Max kW)	18000 / 5.3	26000
Power Input (W) Cooling/Heating	1620~1410	2423~2415
Current Input (A) Cooling/Heating	7.4~6.5	12.4~12.2
EER (BTU/hr.w)	6.2	EER 2.93
COP (W/W)	3.8	COP 3.15
Dehumidification (L/h)	2.5	2.6
Indoor Noise Level dB(A) (Hi/M/Lo)	42	45/43/40
Outdoor Noise Level dB(A)	51	55
Indoor Airflow (m3/h) (Hi/M/Lo)	900 max	1200/900/700
Max. Current Rating (A) Fuse Rating (type D)	8	18
Net Dimension (mm) indoor (W/D/H)	1068x675x235	990x660x203
Net Dimension (mm) outdoor (W/D/H)	760x590x285	846x335x695
Net/Gross Weight (kg) indoor	25	24
Net/Gross Weight (kg) outdoor	40	51
Max Room Size (m ²)	25-45	55
Max Conservatory Size (m2)	30	24
Connecting Pipe Length (m)	5	6
Pipe Diameter Liquid/Gas (Inch)	1/4 & 1/2	3/8 & 5/8
Selectable Temp Range °C	17-30	17-30
Minimum Operating Temp (Cooling/Heating) °C	-7 / -15	-7 / -15
Automatic Restart after Power Failure	Yes	Yes
Automatic Refrigerant Leak Detection & Self Diagnosis Systems	Yes	Yes

- Features:
- Remote control
 - Adjustable fan speeds for rapid cooling or minimum noise
 - Heat-pump model provides heating as well as cooling
 - Oscillating air vanes for dissipation of cold air
 - High efficiency air filters to remove odours and particles
 - Anti-mould coating for hygienic operation
 - A timer feature that will turn the unit on and off automatically
 - Vertical auto swing and wide angle louvers ensure that warm air reaches every corner of the room and increases air flow coverage

Standard Features on all Models



See back page for key to symbols

R32

High Efficiency Filter Screen



Multi Split Systems - Mix & Match

SUPER
inverter

Up to 5 Indoor Units

Outdoor Unit



Wall Split Indoor



Ceiling Cassette



Console Indoor



1 Outdoor Unit



Model No	KMS-3MIO/X1C-M	KMS-4MIO/X1C-M	KMS-5MIO/X1C-M	KFR-23IW/X1C-M-HU	KFR-33IW/X1C-M-HU	KFR-53IW/X1C-M-HU	KFR-50QW/X1C-M-HU	KFR-37CIW/X1C-M-HU
Refrigerant Type	R410a	R410a	R410a	R410a	R410a	R410a	R410a	R410a
Power Rating (Ph-V-Hz)	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz
Capacity BTU/h (Cooling) Kw (Max Kw)	27000 / 8.4 (9.9)	36000 / 10.55 (12.0)	42000 / 12.31 (14)	9000 / 2.7	11000 / 3.2	17000 / 5.0	17000 / 5.0	12000 / 3.5
Capacity BTU/h (Heating) Kw (Max Kw)	30000 / 9.4 (11)	38000 / 11.14 (13.0)	43000 / 12.60 (15)	9000 / 2.8	11000 / 3.4	18000 / 5.1	18000 / 5.3	13000 / 3.6
Power Input (W) Cooling-Heating (Max Kw)	2470-2380 (3.6)	3620-3170 (4.5)	3820 / 3310 (5.0)					
Current Input (A) Cooling-Heating	10.8-10.3	12.7-12.9	14.6-15.3					
EER/SEER (BTU/hr.W)	SEER 7	SEER 6	SEER 5.3					
COP/SCOP (W/W)	SCOP 3.9	SCOP 3.6	SCOP 3.4					
Dehumidification L/h				1	1.1	1.7	1.7	1.1
Indoor Noise Level SPL dB (A) (Max)				36/32/28	42/35/29	46/42/36	42	47
Outdoor Noise Level SPL dB (A) (Max)	61	63	65					
Indoor Airflow (m3/h)				400/350/320	500/400/350	730/680/560	800 max	700 max
Max. Current Rating (A) Fuse Rating (Type D)	16.5	20	22					
Net Dimension (mm) Indoor (WxDxH)				710x189x250	790x196x275	930x198x275	570x570x260	700x210x600
Unit Dimension (mm) Outdoor (WxDxH)	900x315x860	946x410x810	946x410x810					
Net Weight Indoor (Kg)				6.5	8	9	18	15
Net Weight Outdoor (Kg)	62	70	76					
Max Room Size (m2)				13-22	16-27	25-42	25-45	16-27
Max Conservatory Size (m2)				10	13	22	N/A	12
Connecting Pipe Length (m)				Order Separately 1/4 & 3/8	Order Separately 1/4 & 3/8	Order Separately 1/4 & 1/2	Order Separately 1/4 & 1/2	Order Separately 1/4 & 3/8
Pipe Diameter Liquid/Gas (Inch)	3 Sets of 1/4 & 3/8	3 Sets of 1/4 & 3/8 and 1 Set of 1/4 & 1/2	3 Sets of 1/4 & 3/8 and 2 Set of 1/4 & 1/2					
Selectable Temp Range °C				17-30	17-30	17-30	17-30	17-30
Max/Max Operating Temp (Cooling/Heating) °C	-15	-15	-15	-15	-15	-15	-15	-15
Automatic Restart after Power Failure	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Automatic Refrigerant Leak Detection & Self Diagnosis Systems	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Pipe Kits 2M 4M 6M				Yes	Yes	Yes	Yes	Yes
Indoor Model size (mm)				710x189x250	790x196x275	930x198x275	570x570x265	700x210x600
Indoor Gross Size (mm)				865x358x275	865x358x275	983x377x300		
Indoor Gross Weight (kg)				12	12	17		
Indoor Nett Weight (kg)				10	8	11.5	18	15

Our Multi Split Systems are perfect for residential or commercial use. With all outdoor and indoor units being highly efficient, they are perfect for keeping you cool in the summer and hot in the winter.

One outdoor unit can match with up to five indoor units. Available indoor units include Wall Splits, Ceiling Cassettes and Indoor Consoles

Standard Features on all Models



See back page for key to symbols

High Efficiency Filter Screen



Scroll Compressor Technology



3 Core Intelligent
Digital Inverter
Technology



These models are available as an Installed Package



1. Installed by F-Gas registered installer.
2. Systems must be serviced by F-Gas registered installer.
3. Warranty + Services must be registered with Air Conditioning Centre.



Evaporative Coolers

Presenting, a smart new range of air coolers from MasterKool. Sleek and stylish, iKOOOL could be a cool addition to your décor. What's more, these chic models consume bare minimum space and energy. Revved up with many power-packed features, iKOOOL is the right choice for a cool summer this year.

Model No	iKOOOL-MINI	iKOOOL-10HOT	iKOOOL-10 Plus	iKOOOL-25 Plus	iKOOOL-50 Plus	iKOOOL-80 Plus	iKOOOL-100
Air volume	165 m3/hr	760 m3/hr	760 m3/hr	1432 m3/hr	2410 m3/hr	5500 m3/hr	7000 m3/hr
Area coverage	4 m2	10 m2	10 m2	15 m2	25 m2	45 m2	60 m2
Power	12 w	1443 W	58 W	62 W	125 W	205 W	320 W
Current	0.06 A	6.85 A	0.25 A	0.29 A	0.57 A	1.00 A	2.00 A
Heating Output	N/A	1100W	N/A	N/A	N/A	N/A	N/A
Water tank capacity	1.3 L	9.3 L	9.3 L	13 L	26 L	63 L	93 L
Water continuous usage	3-5 Hours	10-13 Hours	10-13 Hours	10-13 Hours	7-11 Hours	7-10 Hours	10-17 Hours
Water evaporation rate	0.3-0.5 L/hr	0.7-0.9 L/hr	0.7 L/hr	0.9-1.2 L/hr	2.4-4.0 L/hr	6.0-9.0 L/hr	5.5-9.3 L/hr
Fan speed	2 Speeds	3 Speeds	3 Speeds	4 Speeds	4 Speeds	4 Speeds	4 Speeds
Vent size	14 x 14 cm	21.5 x 25 cm	21.5 x 25 cm	25 x 32 cm	34 x 41 cm	45 x 45 cm	57 x 57 cm
Cooling pad type	5090	5090	5090	4090	5090	5090	5090
No. of cooling pad	1 Pcs	1 Pcs	1 Pcs	3 pcs	3 pcs	3 pcs	3 pcs
Cooling pad volume	490 cm3	2673 cm3	2673 cm3	4798 cm3	14443 cm3	39825 cm3	76500 cm3
Product dimension	17 x 15 x 32 cm	28 x 24 x 74 cm	28 x 24 x 75 cm	32 x 27 x 86 cm	42 x 36.5 x 106 cm	61 x 46.2 x 125 cm	87 x 57 x 138 cm
Net weight	1.4 kg	5.9 kg	5.5 kg	8.0 kgs	12 kgs	23 kgs	42 kgs
Carton Dimensions	21 x 19 x 36 cm	33 x 30 x 79 cm	33 x 28 x 80 cm	37 x 32 x 92 cm	47 x 42 x 113 cm	65 x 51 x 129 cm	
Gross weight	1.9 kg	7.3 kg	6.5 kg	9.7 kgs	18 kgs	26 kgs	
Operating weight	2.7 kg	15.2 kg	15.2 kg	21 kgs	36 kgs	86 kgs	
Water level sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote control	No	Yes	Yes	Yes	Yes	Yes	Yes
Timer	No	No	No	Yes	Yes	Yes	Yes
Mosquito repellent	No	Yes	Yes	No	Yes	No	No
Humidity control	No	No	No	No	Yes	No	No
Direct water connection	No	No	No	No	No	Yes	Yes



iKOOOL-MINI



iKOOOL 10HOT

iKOOOL 10PLUS

iKOOOL 25 PLUS

iKOOOL 50 PLUS

iKOOOL 80 PLUS

iKOOOL 100



Mobile Air Conditioner Systems

Our high performance portable air conditioners feature heat pump technology*, enabling units to both heat and cool at the push of a button. Fitted with easy-roll castors they can be conveniently moved from room to room as required. A ducted exhaust hose is included to vent the hot air to the outside of the building. An adjustable window mounting panel is also supplied to attach the exhaust hose for ease of use. The units benefit from an automatic in-built condensate pump, which pumps the water out with the exhaust air, so there is no water tank to empty.

Features:

- Remote control
- Adjustable fan speeds for rapid cooling or minimum noise
- Heat-pump models provides heating as well as cooling
- Oscillating air vanes for dissipation of cold air
- A timer feature that will turn the unit on and off automatically
- High efficiency air filters to remove odours and particles
- Anti-mould coating for hygienic operation
- Digital display to show operational settings and temperature
- A "Smart Air" feature that will recall previous settings at the push of a button
- 1.5 mtr exhaust hose (15 cm diameter)



KYR-25CO/AG



KYR-35GW/AG



KYR-45GW/AG



KYR-55GW/AG

*cool only

Model No	KYR-25CO/AG	KYR-35GW/AG	KYR-45GW/AG	KYR-55GW/AG
Refrigerant Type	R290	R290	R290	R290
Power Rating (Ph-V-Hz)	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz
Capacity BTU/h (Cooling) Kw (Max Kw)	9000 / 2.8	12000 / 3.5	14000 / 4.1	18000 / 5.2
Capacity BTU/h (Heating) Kw (Max Kw)	N/A	12700 / 3.7	16000 / 4.6	19000 / 5.6
Power Input (W) Cooling-Heating (Max Kw)	1000 Cool Only	1350/1450	1538 / 1520	2000 / 2043
Current Input (A) Cooling-Heating	4.5 Cool Only	5.5/6.0	8.4 / 8.5	8.4 / 8.5
EER/SEER (BTU/hr/W)	2.6	3.04	10.5	9.3
COP/SCOP (W/W)	N/A	3.04	3	2.9
Dehumidification L/h	0.9	1.2	1.5	1.8
Indoor Noise Level SPL dB (A) (Max)	55	56	65	65
Outdoor Noise Level SPL dB (A) (Max)	N/A	N/A	N/A	N/A
Indoor Airflow (m3/h)	360	480	400	450
Max. Current Rating (A) Fuse Rating (Type D)	N/A	N/A	N/A	N/A
Net Dimension (mm) Indoor (WxDxH)	330x433x795	360x430x730	440x335x715	470x370x764
Unit Dimension (mm) Outdoor (WxDxH)	N/A	N/A	N/A	N/A
Net Weight Indoor (Kg)	30	42	26	28
Net Weight Outdoor (Kg)	N/A	N/A	N/A	N/A
Max Room Size (m2)	30	35	10-40	15-45
Max Conservatory Size (m2)	15	20	20	22.5
Connecting Pipe Length (m)	1.5m	1.5m	1.5m	1.5
Pipe Diameter Liquid/Gas (Inch)	150mm	150mm	150mm	150mm
Selectable Temp Range °C	N/A	N/A	N/A	N/A
Max/Max Operating Temp (Cooling/Heating) °C	N/A	N/A	N/A	N/A
Automatic Restart after Power Failure	No	No	No	No
Automatic Refrigerant Leak Detection & Self Diagnosis Systems	N/A	N/A	N/A	N/A
Indoor Model size (mm)	330x433x795	360 x 430 x 730	440x335x715	470 x 370 x 764
Indoor Gross Size (mm)	394x880x494	403 x 485 x 885	474 x 376 x 885	632 x 412 x 882
Indoor Gross Weight (kg)	30	34	26	30
Indoor Nett Weight (kg)	25	29	28	28

Standard Features on all Models



See back page for key to symbols

High Efficiency Filter Screen



Indoor Pool & Commercial Dehumidifiers

An elegant, slimline design this dehumidifier delivers high duty performance quietly and quickly, and is designed specifically for swimming pools and commercial storage. No special installation is required as the dehumidifier can be wall or floor mounted.

Features:

- High-efficiency and energy-saving
- Unique air purification
- High speed air design
- Full electronic control
- Intelligent design
- Environmentally friendly

Model No	PDH80A	PDH130A
Refrigerant Type	R410a	R410a
Power Rating (Ph-V-Hz)	1/220-240V/50Hz	1/220-240V/50Hz
Power Input (W) Cooling~Heating (Max Kw)	1300	2000
Current Input (A) Cooling~Heating	5.9 (9.4Max)	9.1 (42Max)
Dehumidification L/h	80L/24hrs	130L/24hrs
Indoor Airflow (m3/h)	800	1200
Net Dimension (mm) Indoor (WxDxH)	905x243x673	1288x243x673
Net Weight Indoor (Kg)	52	59

Standard Features on all Models



See back page for key to symbols



Air Source Heat Pump

Air Source Heat Pumps are becoming an increasingly popular choice for home heating, especially in areas with less severe winters. But what makes it such a viable heating alternative, and how does it work? Quite simply, our ASHP Systems have a motor powered by electricity that supplies more energy than it consumes when it extracts heat from the surrounding air. For every unit of energy purchased as electricity, several units of heat are delivered, making it four times more effective.

Features:

- Low Running Cost
- 80% More Efficient than Conventional Electric
- Digital LED Controller
- Titanium Heat Exchange
- Oscillating air vanes for dissipation of cold air
- Auto Restart after power cut

Standard Features on all Models



See back page for key to symbols

Scroll Compressor Technology



Model No	AHP60 (Heat Only)	
Blue LCD Digital Controller		Yes
Rated Heating Capacity(Air 7°C/Water 35°C)	kW	6KW
	BTU/h	17331
Rated Cooling Capacity(Air 35°C/Water 7°C)	kW	N/A
	BTU/h	N/A
Rated Input Power(Cooling)	kW	N/A
Rated Input Current(Cooling)	A	N/A
COP (Air 7°C/Water Out 35°C / Water In 30°C)	W/W	3.6
Auxiliary Electric Heater power	kW	N/A
Auxiliary Electric Heater power current	A	N/A
Max Water Out Temp °C		58.00
Power Supply	V/PH/Hz	220-240V/1Ph/50Hz
Compressor Brand		Panasonic
Lowest Operating Air Temp		Minus 15°C
Noise	dB(A)	58
Water outlet/water inlet	inch	3/4"
Water Flow Volume	L/h	≥150
Refrigerant Gas Type		R410A
Net Dimensions(L/W/H)	mm	1010x370x620
Net Weight	kg	65





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climate controlled environments

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Key to Symbols

THE BEST MATERIALS

- World Class High Efficiency Compressor
- Super-Quality Internally Ground Copper Pipe
- Titanium Heat Exchanger
- Multi-folds Evaporator
- Hydrophilic Film Aluminum Foil

FRESH AND COMFORTABLE FUNCTIONS

- Three-dimensional Swinging Pattern Air Delivery Technology
- Healthy Dehumidification Function Units
- Pre-heating Function
- Independent Dehumidifying
- Cooling Function
- Heating Function

INTELLIGENT CONTROL AND EASY OPERATION FUNCTIONS

- Self-diagnosis and Auto-protection Function
- Intelligent Defrosting
- Intelligent Control Easy Operation
- Automatic Restart Function
- On/Off by Timers

Our systems have Energy Ratings of A++, A+ & A



Model:	Rating:
KFR-23 26 33 36 37, 53 55, 56	A++
KFR-50, 74 57, 63, 66, 75 KMS3MIO/X1cM	A+
KMS5MIO/X1cM, KFR120QJW	A



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