

Ducted or Ductless
Mini Splits

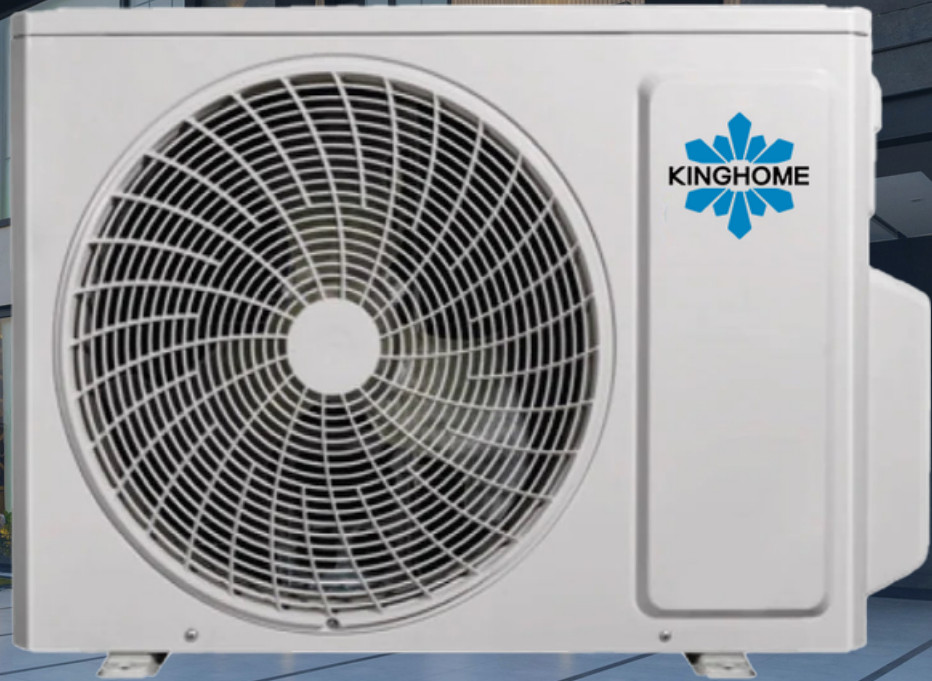
12
YEAR
WARRANTY
COMPRESSOR

12
YEAR
WARRANTY
ALL PARTS



ALL MATCH

SINGLE-ZONE R32



UP TO
25.5 SEER2
9.8 HSPF2

COOLING RANGE

-29°C - 50°C

HEATING RANGE

-30°C - 30°C



Wi-Fi



App Control



8°C Heating
Mode



Intelligent
Defrosting



7 Fan
Speeds



Timer



G-AI Energy
Saving



Self-Cleaning



Anti-Corrosion
Fins



Turbo Mode



Self
Diagnosis



Low Voltage
Start-Up

ELEVATE COMFORT IN EVERY ROOM

The ENERGY STAR® certified Kinghome All-Match Series combines powerful performance, flexible system compatibility and modern design. Enjoy consistent, energy-efficient indoor comfort throughout the changing seasons.

5 INDOOR UNITS TO CHOOSE



1 WAY CASSETTE



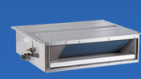
360° CASSETTE



FLOOR CEILING



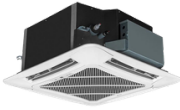
MINI CONSOLE



SLIM DUCT

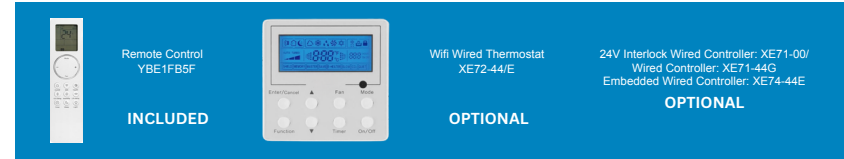
*ENERGY STAR® certification applies only to select Kinghome All-Match system combinations. Please refer to the specification tables at the back of this brochure for details. Product ratings and certifications may be revised or rerated by the applicable certification bodies. Specifications are subject to change without notice.

360° CASSETTE



- 4-Way discharge air Refrigerant
- sensor
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaptation
- Internal condensate drain pump
- Sentry float switch
- Anti-corrosion Fins

R32



SYSTEM TYPE			HEAT PUMP																			
Indoor Model			KM09XK8DI		KM12XK8DI		KM18XK8DI		KM24XK8DI		KM30XK8DI		KM36XK8DI									
Outdoor Model			KW09XQ25S1DO		KW09XQ29S1DO		KW12XQ25S1DO		KW18XQ25S1DO		KW24XQ25S1DO		KW30XQ21CDO		KW36XQ21CDO							
Outdoor Model Serie			Clivia		Airy		Clivia		Airy		Clivia		Airy		Charmo		Charmo					
SYSTEM PERFORMANCE																						
Cooling Capacity	Min - Max	Btu/h	2,560 - 11,900	2,500 - 11,900	2,700 - 16,000	2,700 - 16,000	4,400 - 19,790	4,000 - 20,470	5,600 - 26,600	5,000 - 29,000	4,780 - 33,440	7,850 - 37,500										
	Rated Capacity @95°F	Btu/h	9,100	9,100	12,000	12,000	18,000	18,000	22,000	22,000	30,000	33,600										
	Min - Max	Btu/h	2,900-13,700	2,900 - 14,300	3,700 - 14,000	3,070 - 14,000	4,300 - 20,472	5,000 - 20,470	6,800 - 27,000	5,200 - 31,500	5,730 - 35,140	10,000 - 37,500										
	Rated Capacity @47°F	Btu/h	10,500	10,500	12,000	12,000	18,000	18,000	24,000	24,000	30,000	34,000										
	Rated Capacity @17°F	Btu/h	8,800	8,900	10,000	10,300	14,700	15,500	19,400	20,000	24,000	27,200										
Heating Capacity	Rated Capacity @5°F	Btu/h	7,600	8,500	10,000	10,000	12,600	15,000	16,800	17,000	21,000	23,400										
SEER2			24	24.5	23	23	21	22	22.5	23	22.5	21										
HSPF2			9.2	9.5	9	8.5	9	8.8	9	9	8.5	8.5										
EER2		Btu/h	15	15.5	13	13	10.9	11.6	11.6	12.5	11.25	11.95										
COP @5°F		Btu/h	1.94	1.84	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.9										
Energy Star®			NO	YES	NO	YES	NO	YES	NO	YES	YES	YES										
Energy Star® Certified with Cold Climate Designation			NO	YES	NO	YES	YES	YES	NO	YES	YES	NO										
Cooling Temperature Range		°C	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-18 to 48	-18 to 48										
Heating Temperature Range		°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-25 to 24	-25 to 24										
Refrigerant Type			R32		R32		R32		R32		R32											
INDOOR UNIT			KM09XK8DI		KM12XK8DI		KM18XK8DI		KM24XK8DI		KM30XK8DI		KM36XK8DI									
Air flow (Min-Max)		CFM	206 - 330		206 - 330		206 - 383		471 - 647		647 - 1000		665 - 1071									
Sound Pressure Level (Min - Max)		dB(A)	27 - 40		29 - 41		28 - 44		38 - 44		38 - 51		38 - 52									
Dehumidification		pt/hr	2.96		2.96		3.08		5.28		7.4		7.82									
External Dimensions (L x D x H)		in	22-7/16 x 22-7/16 x 10-7/16		22-7/16 x 22-7/16 x 10-7/16		22-7/16 x 22-7/16 x 10-7/16		33-5/64 x 33-5/64 x 9-29/64		33-5/64 x 33-5/64 x 9-29/64		33-5/64 x 33-5/64 x 9-29/64									
Package Dimension (L x W x H)		in	27-31/64 x 25-45/64 x 11-39/64		27-31/64 x 25-45/64 x 11-39/64		27-31/64 x 25-45/64 x 11-39/64		37-29/32 x 37-29/32 x 12-51/64		36-47/64 x 35-35/64 x 10-45/64		36-47/64 x 35-35/64 x 10-45/64									
Net Weight		lbs	37.5		37.5		37.5		63.9		50.7		50.7									
Gross Weight		lbs	48.5		48.5		48.5		83.8		63.9		63.9									
CASSETTE GRILLE (REQUIRED)			TF05		TF05		TF05		TF06		TF06											
Grille Dimension (L x D x H)		in	24-13/32 x 24-13/32 x 1-7/8		24-13/32 x 24-13/32 x 1-7/8		24-13/32 x 24-13/32 x 1-7/8		37-13/32 x 37-13/32 x 2-3/64		37-13/32 x 37-13/32 x 2-3/64											
Package Dimension (L x W x H)		in	27-19/32 x 27-19/32 x 4-59/64		27-19/32 x 27-19/32 x 4-59/64		27-19/32 x 27-19/32 x 4-59/64		40-43/64 x 40-55/64 x 4-13/32		40-43/64 x 40-55/64 x 4-13/32											
Weight (Net / Gross)		lbs	6.6 / 9.9		6.6 / 9.9		6.6 / 9.9		13.23 / 20.948		13.23 / 20.948											
OUTDOOR UNIT			KW09XQ25S1DO		KW09XQ29S1DO		KW12XQ25S1DO		KW18XQ29S1DO		KW24XQ25S1DO		KW24XQ29S1DO		KW30HQ19CDO		KW36HQ19CDO					
Sound Pressure Level		dB(A)	52		55		52		55		58		62		62							
External Dimensions (L x D x H)		in	31-37/64 x 13-50/64 x 21-27/32		34-3/8 x 14-51/64 x 21-27/32		31-37/64 x 13-50/64 x 21-27/32		34-3/8 x 14-51/64 x 21-27/32		37-23/32 x 15-53/64 x 25-63/64		37-23/32 x 15-53/64 x 25-63/64		39-3/8 x 16-13/16 x 29-3/8							
Package Dimension (L x W x H)		in	34-21/64 x 15-43/64 x 24-26/64		37-7/16 x 16-31/32 x 24-13/32		34-21/64 x 15-43/64 x 24-26/64		37-7/16 x 16-31/32 x 24-13/32		40-5/8 x 17-61/64 x 29-1/64		40-5/8 x 17-61/64 x 29-1/64		42-33/64 x 19-1/64 x 31-57/64							
Net Weight		lbs	71.7		78.3		71.7		78.3		94.8		116.8		116.8							
Gross Weight		lbs	77.2		84.9		77.2		84.9		104.7		126.8		127.9							
REFRIGERANT PIPING																						
Refrigerant Charge - R32		oz	30		35		28		35		41		47		56		56.4					
Additional Charge		oz/ft	0.2		0.2		0.2		0.2		0.2		0.4		0.4		0.4					
Indoor Piping Connection (Liquid - Gas)*		in	1/4 - 3/8		1/4 - 3/8		1/4 - 3/8		1/4 - 1/2		1/4 - 1/2		1/4 - 5/8		1/4 - 5/8		1/4 - 5/8					
Outdoor Piping Connection (Liquid - Gas)		in	1/4 - 3/8		1/4 - 1/2		1/4 - 1/2		1/4 - 1/2		1/4 - 1/2		1/4 - 5/8		1/4 - 5/8		1/4 - 5/8					
Pre-Charge Length		ft	24.6		24.6		24.6		24.6		24.6		24.6		24.6							
Pipe Length (Min - Max)		ft	10 - 100		10 - 100		10 - 100		10 - 100		10 - 131		10 - 131		10 - 131		10 - 131					
Max. Pipe Elevation		ft	60		60		60		60		82		82		82		82					
ELECTRICAL																						
Power Supply			208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz			
Voltage Range (Min - Max)		VAC	187 - 253				187 - 253				187 - 253				187 - 253				187 - 253			
Rated Current - Cooling		A	4.73		5.9		6.64		5.91		11.5		12.5		13		14		20		18	
Rated Current - Heating		A	6		7.6		6.41		7.8		11.5		16		17		21.5		20		19.7	
MOCP		A	15		15		15		15		20		25		30		30		30		35	
MCA		A	10		10		10		10		16		20		22		25		27		23	
Main Power Wire Size		AWG	Per Local Code				Per Local Code				Per Local Code				Per Local Code				Per Local Code			
LIMITED WARRANTY			12 years residential, 5/7 years commercial parts and compressor warranty on registered models																			

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

One-Way Cassette



- Multiple fan speeds
- Swing louver control
- Automatic voltage adaptation
- Temperature sensor malfunction protection
- Fan motor overload protection
- Anti-freezing protection
- Detachable grille
- High drain pump lift (47-1/4 inches)

R32



Controller and thermostat compatibility is consistent with other Kinghome All-Match indoor units.

SYSTEM TYPE			HEAT PUMP								
Indoor Model			KM09XK1DI		KM12XK1DI		KM18XK1DI		KM20XK1DI		
Outdoor Model			KW09XQ25S1DO		KW12XQ25S1DO		KW18XQ25S1DO		KW18XQ29S1DO		
Outdoor Model Serie			Clivia		Clivia		Clivia		Airy		
SYSTEM PERFORMANCE											
Cooling Capacity	Min - Max	Btu/h	2,560 - 11,000		2,700 - 15,500		4400-19,107		3,700 - 21,300		
	Rated Capacity @95°F	Btu/h	9,100		12,000		18,000		19,000		
	Min - Max	Btu/h	2,900 - 14,000		3,070 - 14,600		4,300-20,472		5,000 - 23,540		
Heating Capacity	Rated Capacity @47°F	Btu/h	10,500		12,000		18,000		19,500		
	Rated Capacity @17°F	Btu/h	8,800		10,000		14,700		15,500		
	Rated Capacity @5°F	Btu/h	9,400		10,000		12,600		14,500		
	SEER2		22		21.5		21.5		20		
HSPF2			9.5		9.5		8.5		9.2		
EER2		Btu/h	13.1		12.3		10.9		10.25		
COP @5°F		Btu/h	1.97		1.9		1.8		1.8		
Energy Star®			NO		YES		NO		NO		
Energy Star® Certified with Cold Climate Designation			NO		YES		NO		YES		
Cooling Temperature Range		°C	-29 to 50		-29 to 50		-29 to 50		-29 to 50		
Heating Temperature Range		°C	-30 to 30		-30 to 30		-30 to 30		-30 to 30		
Refrigerant Type			R32		R32		R32		R32		
INDOOR UNIT			KM09XK1DI		KM12XK1DI		KM18XK1DI		KM20XK1DI		
Air flow (Min-Max)		CFM	200 - 324		230 - 353		265 - 412		294 - 441		
Sound Pressure Level (Min - Max)		dB(A)	28 - 37		28 - 41		32 - 43		36 - 46		
Dehumidification		pt/hr	1.69		2.96		3.8		4.23		
External Dimensions (L x D x H)		in	38-56/64 × 15-5/32 × 7-1/64		38-54/64 × 15-5/32 × 7-1/64		38-55/64 × 15-5/32 × 7-1/64		38-55/64 × 15-5/32 × 7-1/64		
Package Dimension (L x W x H)		in	51-29/64 × 19-23/32 × 12-13/64		51-29/64 × 19-23/32 × 12-13/64		51-29/64 × 19-23/32 × 12-13/64		51-29/64 × 19-23/32 × 12-13/64		
Net Weight		lbs	42.9		42.9		44.1		44.1		
Gross Weight		lbs	58.4		58.4		59.5		59.5		
CASSETTE GRILLE (REQUIRED)			TD01		TD01		TD01		TD01		
Grille Dimension (L x D x H)		in	47-1/4 × 18-7/64 × 2-11/64		47-1/4 × 18-7/64 × 2-11/64		47-1/4 × 18-7/64 × 2-11/64		47-1/4 × 18-7/64 × 2-11/64		
Package Dimension (L x W x H)		in	49-51/64 × 21-7/64 × 4-49/64		49-51/64 × 21-7/64 × 4-49/64		49-51/64 × 21-7/64 × 4-49/64		49-51/64 × 21-7/64 × 4-49/64		
Weight (Net / Gross)		lbs	9.26 / 13.23		9.26 / 13.23		9.26 / 13.23		9.26 / 13.23		
OUTDOOR UNIT			KW09XQ25S1DO		KW12XQ25S1DO		KW18XQ25S1DO		KW18XQ29S1DO		
Sound Pressure Level		dB(A)	52		52		59		69		
External Dimensions (L x D x H)		in	31-37/64 × 13-50/64 × 21-27/32		31-37/64 × 13-50/64 × 21-27/32		37-23/32 × 15-53/64 × 25-63/64		37-23/32 × 15-53/64 × 25-63/64		
Package Dimension (L x W x H)		in	34-21/64 ×15-43/64 × 24-26/64		34-21/64 ×15-43/64 × 24-26/64		40-5/8 × 17-61/64 × 29-1/64		40-5/8 × 17-61/64 × 29-1/64		
Net Weight		lbs	71.7		71.7		94.8		94.8		
Gross Weight		lbs	77.2		77.2		104.7		104.7		
REFRIGERANT PIPING											
Refrigerant Charge - R32		oz	30		35		41		47		
Additional Charge		oz/ft	0.2		0.2		0.2		0.4		
Indoor Piping Connection (Liquid - Gas)*		in	1/4 - 3/8		1/4 - 3/8		1/4 - 1/2		1/4 - 1/2		
Outdoor Piping Connection (Liquid - Gas)		in	1/4 - 3/8		1/4 - 1/2		1/4 - 1/2		1/4 - 5/8		
Pre-Charge Length		ft	24.6		24.6		24.6		24.6		
Pipe Length (Min - Max)		ft	10 - 100		10 - 100		10 - 131		10 - 131		
Max. Pipe Elevation		ft	60		60		82		82		
ELECTRICAL											
Power Supply			208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		
Voltage Range (Min - Max)		VAC	187 - 253		187 - 253		187 - 253		187 - 253		
Rated Current - Cooling		A	4.73		6.64		11.5		12.5		
Rated Current - Heating		A	6		6.41		11.5		16		
MOCP		A	15		15		20		25		
MCA		A	10		10		16		21		
Main Power Wire Size		AWG	Per Local Code		Per Local Code		Per Local Code		Per Local Code		
LIMITED WARRANTY			12 years residential, 5/7 years commercial parts and compressor warranty on registered models								

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

FLOOR CEILING



- Floor standing or ceiling mount
- Refrigerant sensor
- Dual air louvers
- Multiple fan speeds
- Swing louver control
- Multi-directional air flow
- Automatic voltage adaptation

R32



SYSTEM TYPE			HEAT PUMP									
Indoor Model			KM09XTDI		KM12XTDI		KM18XTDI		KM24XTDI		KM30XTDI	KM36XTDI
Outdoor Model			KW09XQ25S1DO	KW09XQ29S1DO	KW12XQ25S1DO	KW12XQ29S1DO	KW18XQ25S1DO	KW18XQ29S1DO	KW24XQ25S1DO	KW24XQ29S1DO	KW30XQ21CDO	KW36XQ21CDO
Outdoor Model Serie			Clivia	Airy	Clivia	Airy	Clivia	Airy	Clivia	Airy	Charmo	Charmo
SYSTEM PERFORMANCE												
Cooling Ca- pacity	Min - Max	Btu/h	2,500 - 12,300	2,500 - 11,900	2,700 - 15,700	4,000 - 22,520	4,000 - 21,496	4000 - 22,520	5,000 - 27,600	5,000 - 29,000	2,390 - 37,500	7,850 - 37,500
	Rated Capacity @95°F	Btu/h	9,100	9,100	12,000	12,000	18,000	18,000	22,000	22,000	30,000	33,600
	Min - Max	Btu/h	2,900 - 14,300	2,800 - 15,500	3,070 - 15,000	5,100 - 26,613	4,300 - 21,496	5100 - 26,613	6,300 - 27,000	5,200 - 31,500	5,800 - 33,400	10,000 - 37,500
	Rated Capacity @47°F	Btu/h	10,500	10,500	12,000	12,000	18,000	18,000	24,000	24,000	30,000	34,000
Heating Capacity	Rated Capacity @17°F	Btu/h	8,800	8,900	10,000	10,300	18,000	15,500	20,000	20,000	24,000	18,800
	Rated Capacity @5°F	Btu/h	10,000	10,500	10,000	10,000	14,600	17,500	20,000	21,000	19,400	22,000
SEER2			25	25.5	23	23	24.5	21.5	22.5	23	21	21
HSPF2			9.6	9.8	9.5	8.5	9	9.2	9.5	9.5	8	8.5
EER2		Btu/h	14.2	14.3	13	13	12.8	11.25	12.6	13	11.45	11.25
COP @5°F		Btu/h	1.95	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8
Energy Star®			NO	YES	NO	YES	YES	YES	NO	YES	NO	NO
Energy Star® Certified with Cold Climate Designation			NO	YES	NO	YES	YES	YES	NO	YES	NO	NO
Cooling Temperature Range		°C	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-18 to 48	-18 to 48
Heating Temperature Range		°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-25 to 24	-25 to 24
Refrigerant Type			R32		R32		R32		R32		R32	
INDOOR UNIT			KM09XTDI		KM12XTDI		KM18XTDI		KM24XTDI		KM30XTDI	KM36XTDI
Air flow (Min-Max)		CFM	182 - 383		247 - 412		383 - 530		441 - 706		706 - 1000	895 - 1236
Sound Pressure Level (Min - Max)		dB(A)	26 - 36		29 - 39		36 - 48		38 - 51		44 - 52	44 - 54
Dehumidification		pt/hr	1.69		2.96		1.8		2.5		7.4	7.82
External Dimensions (L x D x H)		in	34-3/8 x 9-1/4 x 26-3/16		34-3/8 x 9-1/4 x 26-3/16		34-3/8 x 9-1/4 x 26-3/16		47-1/4 x 9-1/4 x 26-3/16		47-1/4 x 9-1/4 x 26-3/16	52-3/4 x 10-15/64 x 27-7/16
Package Dimension (L x W x H)		in	40-11/16 x 30-5/16 x 11-13/16		40-11/16 x 30-5/16 x 11-13/16		40-11/16 x 30-5/16 x 11-13/16		53-11/16 x 30-5/16 x 11-13/16		53-11/16 x 11-13/16 x 30-5/16	68-5/64 x 11-13/16 x 30-5/16
Net Weight		lbs	55.1		55.1		56.2		72.7		70.6	94.8
Gross Weight		lbs	66.1		66.2		67.3		88.2		83.8	108
OUTDOOR UNIT			KW09XQ25S1DO	KW09XQ29S1DO	KW12XQ25S1DO	KW12XQ29S1DO	KW18XQ25S1DO	KW18XQ29S1DO	KW24XQ25S1DO	KW24XQ29S1DO	KW30XQ21CDO	KW36XQ21CDO
Sound Pressure Level		dB(A)	52	55	52	55	59	59	58	62	62	
External Dimensions (L x D x H)		in	31-37/64 x 13-50/64 x 21-27/32	34-3/8 x 14-51/64 x 21-27/32	31-37/64 x 13-50/64 x 21-27/32	34-3/8 x 14-51/64 x 21-27/32	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	39-3/8 x 16-13/16 x 29-3/8	39-3/8 x 16-13/16 x 29-3/8	
Package Dimension (L x W x H)		in	34-21/64 x15-43/64 x 24-26/64	37-7/16 x 16-31/32 x 24-13/32	34-21/64 x15-43/64 x 24-26/64	37-7/16 x 16-31/32 x 24-13/32	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	42-33/64 x 19-1/64 x 31-57/64	42-33/64 x 19-1/64 x 31-57/64	
Net Weight		lbs	71.7	78.3	71.7	78.3	94.8	94.8	92.6	115.8	116.8	116.8
Gross Weight		lbs	77.2	84.9	77.2	84.9	104.7	104.7	102.5	126.8	127.9	127.9
REFRIGERANT PIPING												
Refrigerant Charge - R32		oz	30	35	28	35	41	47	42	56	56.4	
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.4	0.4	
Indoor Piping Connection (Liquid - Gas)*		in	1/4 - 3/8		1/4 - 3/8		1/4 - 1/2		1/4 - 5/8		1/4 - 5/8	
Outdoor Piping Connection (Liquid - Gas)		in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8	
Pre-Charge Length		ft	24.6		24.6		24.6		24.6		24.6	
Pipe Length (Min - Max)		ft	10 - 100	10 - 100	10 - 100	10 - 100	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	
Max. Pipe Elevation		ft	60	60	60	60	82	82	82	82	82	
ELECTRICAL												
Power Supply			208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz	
Voltage Range (Min - Max)		VAC	187 - 253		187 - 253		187 - 253		187 - 253		187 - 253	
Rated Current - Cooling		A	4.73	5.9	6.64	5.91	11.5	12.5	13	14	20	20
Rated Current - Heating		A	6	7.6	6.41	7.8	11.5	16	17	21.5	20	20
MOCP		A	15	15	15	15	20	25	30	30	30	35
MCA		A	10	10	10	10	16	20	22	25	27	23
Main Power Wire Size		AWG	Per Local Code		Per Local Code		Per Local Code		Per Local Code		Per Local Code	
Interconnecting Wire Size		AWG	14 / 4		14 / 4		14 / 4		14 / 4		14 / 4	
LIMITED WARRANTY			12 years residential, 5/7 years commercial parts and compressor warranty on registered models									

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

SYSTEM TYPE			HEAT PUMP				
Indoor Model			KM09XEDI		KM12XEDI		KM18XEDI
Outdoor Model			KW09XQ25S1DO	KW09XQ29S1DO	KW12XQ25S1DO	KW12XQ29S1DO	KW18XQ25S1DO
Outdoor Model Serie			Clivia	Airy	Clivia	Airy	Clivia
SYSTEM PERFORMANCE							
Cooling Capacity	Min - Max	Btu/h	2,700 - 12,900	2,700 - 12,200	2,700 - 13,300	2,700 - 15,000	4400 - 19,790
	Rated Capacity @95°F	Btu/h	9,100	9,100	12,000	12,000	18,000
	Min - Max	Btu/h	2,900 - 13,600	2,900 - 14,000	3,070 - 14,000	3,000 - 16,000	4,300 - 20,472
	Rated Capacity @47°F	Btu/h	10,500	10,500	12,000	12,000	18,000
Heating Capacity	Rated Capacity @17°F	Btu/h	8,800	8,900	10,000	10,300	14,700
	Rated Capacity @5°F	Btu/h	8,700	10,000	10,000	10,000	12,900
SEER2			23	23.3	23	23.1	21.5
HSPF2			9.4	9.5	9	9	8.5
EER2		Btu/h	15	15.3	13	13	11.6
COP @5°F		Btu/h	1.75	1.75	1.9	1.8	1.8
Energy Star®			NO	YES	NO	YES	NO
Energy Star® Certified with Cold Climate Designation			NO	YES	NO	YES	NO
Cooling Temperature Range		°C	-29 to 50	-29 to 50	-29 to 50	-29 to 50	-29 to 50
Heating Temperature Range		°C	-30 to 30	-30 to 30	-30 to 30	-30 to 30	-30 to 30
Refrigerant Type			R32		R32		R32
INDOOR UNIT			KM09XEDI		KM12XEDI		KM18XEDI
Air flow (Min-Max)		CFM	188 - 383		206 - 441		241 - 494
Sound Pressure Level (Min - Max)		dB(A)	29 - 42		29 - 45		32 - 47
Dehumidification		pt/hr	1.69		2.96		3.8
External Dimensions (L x D x H)		in	27-9/16 x 8-15/32 x 23-5/8		27-9/16 x 8-15/32 x 23-5/8		27-9/16 x 8-15/32 x 23-5/8
Package Dimension (L x W x H)		in	31-1/32 x 11-9/64 x 27-23/64		31-1/32 x 11-9/64 x 27-23/64		31-1/32 x 11-9/64 x 27-23/64
Net Weight		lbs	33		33		33
Gross Weight		lbs	39.7		39.7		39.7
OUTDOOR UNIT			KW09XQ25S1DO	KW09XQ29S1DO	KW12XQ25S1DO	KW12XQ29S1DO	KW18XQ25S1DO
Sound Pressure Level		dB(A)	52	55	52	55	59
External Dimensions (L x D x H)		in	31-37/64 x 13-50/64 x 21-27/32	34-3/8 x 14-51/64 x 21-27/32	31-37/64 x 13-50/64 x 21-27/32	34-3/8 x 14-51/64 x 21-27/32	37-23/32 x 15-53/64 x 25-63/64
Package Dimension (L x W x H)		in	34-21/64 x 15-43/64 x 24-26/64	37-7/16 x 16-31/32 x 24-13/32	34-21/64 x 15-43/64 x 24-26/64	37-7/16 x 16-31/32 x 24-13/32	40-5/8 x 17-61/64 x 29-1/64
Net Weight		lbs	71.7	78.3	71.7	78.3	94.8
Gross Weight		lbs	77.2	84.9	77.2	84.9	104.7
REFRIGERANT PIPING							
Refrigerant Charge - R32		oz	30	35	28	35	41
Additional Charge		oz/ft	0.2	0.2	0.2	0.2	0.2
Indoor Piping Connection (Liquid - Gas)*		in	1/4 - 3/8		1/4 - 3/8		1/4 - 1/2
Outdoor Piping Connection (Liquid - Gas)		in	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2
Pre-Charge Length		ft	24.6		24.6		24.6
Pipe Length (Min - Max)		ft	10 - 100	10 - 100	10 - 100	10 - 100	10 - 131
Max. Pipe Elevation		ft	60	60	60	60	82
ELECTRICAL							
Power Supply			208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz		208-230V / 1Ph / 60Hz
Voltage Range (Min - Max)		VAC	187 - 253		187 - 253		187 - 253
Rated Current - Cooling		A	6	7.6	6.41	7.8	11.5
Rated Current - Heating		A	15	15	15	15	20
MOCP		A	15	15	15	15	20
MCA		A	10	10	10	10	16
Main Power Wire Size		AWG	Per Local Code		Per Local Code		Per Local Code
Interconnecting Wire Size		AWG	14 / 4		14 / 4		14 / 4
LIMITED WARRANTY			12 years residential, 5/7 years commercial parts and compressor warranty on registered models				

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.



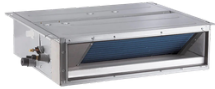
Mini Console



- 2-Way discharge air
- Multiple fan speeds
- Swing louver control
- Automatic voltage adaptation
- Refrigerant sensor
- Anti-corrosion fins
- Temperature sensor malfunction protection
- Fan motor overload protection
- Anti-freezing protection
- Detachable grille

	Remote Control YBE1FB5F		Wi6 Wired Thermostat XE72-44/E
	INCLUDED		OPTIONAL
24V Interlock Wired Controller: XE71-00/ Wired Controller: XE71-44G Embedded Wired Controller: XE74-44E			
OPTIONAL			

SLIM DUCT



- High E.S.P capability (Adjustable)
- Slim line construction
- Outside air capability
- Cleanable air filter
- Flexible return air from bottom or rear
- Internal condensate pump
- Sentry float switch
- Refrigerant sensor

R32





Remote Control
YBE1F85F

INCLUDED



Wifi Wired Thermostat
XE72-44/E

OPTIONAL

24V Interlock Wired Controller: XE71-00/
Wired Controller: XE71-44G
Embedded Wired Controller: XE74-44E

OPTIONAL

SYSTEM TYPE			HEAT PUMP																											
Indoor Model			KM09XFDI		KM12XFDI		KM18XFDI		KM21XFDI		KM24XFDI		KM30XFDI		KM36XFDI															
Outdoor Model			KW09XQ25S1DO		KW09XQ29S1DO		KW12XQ25S1DO		KW18XQ25S1DO		KW18XQ29S1DO		KW24XQ25S1DO		KW24XQ29S1DO		KW30XQ21CDO		KW36XQ21CDO											
Outdoor Model Serie			Clivia		Airy		Clivia		Airy		Clivia		Airy		Charmo		Charmo													
SYSTEM PERFORMANCE																														
Cooling Capacity	Min - Max	Btu/h	2,500 - 12,200		2,500 - 12,500		2,700 - 15,354		2,700 - 15,354		4,400 - 23,543		4,000 - 25,930		4,000 - 25,930		5,600 - 27,600		5,000 - 29,000		3,000 - 36,000		7,850 - 37,500							
	Rated Capacity @95°F	Btu/h	9,100		9,100		12,000		12,000		18,000		18,000		21,000		22,000		22,000		30,000		33,600							
	Min - Max	Btu/h	2,900 - 13,600		2,300 - 15,000		3,070 - 14,160		3,070 - 14,160		4,300 - 23,884		4,500 - 26,613		4,500 - 26,613		7,500 - 27,000		5,200 - 31,500		5,800 - 35,500		10,000 - 37,500							
	Rated Capacity @47°F	Btu/h	10,500		10,500		12,000		12,000		18,000		18,000		21,000		24,000		24,000		30,000		34,000							
	Rated Capacity @17°F	Btu/h	8,800		8,900		10,000		10,300		14,700		15,500		15,500		19,800		20,000		24,000		27,200							
Heating Capacity	Rated Capacity @5°F	Btu/h	9,500		9,200		10,500		10,500		15,000		17,000		17,000		19,600		21,000		20,400		23,800							
SEER2			22		22.3		21		21.5		22.5		24.5		24		19.5		22		18.5		20							
HSPF2			9.2		9.5		9		9		9		9.4		9.4		9		9		8.5		8.5							
EER2			14.2		14.3		13		13		14		14		13		12.3		12.5		11.25		11.95							
COP @5°F		Btu/h	2.15		1.8		1.9		1.9		1.9		1.8		1.8		1.8		1.8		1.8		1.9							
Energy Star®			NO		YES		NO		NO		YES		YES		NO		NO		YES		YES		YES							
Energy Star® Certified with Cold Climate Designation			NO		YES		NO		NO		YES		YES		NO		NO		YES		NO		YES							
Cooling Temperature Range		°C	-29 to 50		-29 to 50		-29 to 50		-29 to 50		-29 to 50		-29 to 50		-29 to 50		-29 to 50		-29 to 50		-18 to 48		-18 to 48							
Heating Temperature Range		°C	-30 to 30		-30 to 30		-30 to 30		-30 to 30		-30 to 30		-30 to 30		-30 to 30		-30 to 30		-30 to 30		-25 to 24		-25 to 24							
Refrigerant Type			R32				R32				R32				R32				R32											
INDOOR UNIT			KM09XFDI				KM12XFDI				KM18XFDI				KM21XFDI				KM24XFDI				KM30XFDI				KM36XFDI			
Air flow (Min-Max)		CFM	188 - 324				212 - 353				288 - 589				288 - 589				406 - 736				647 - 883				853 - 1324			
Sound Pressure Level (Min - Max)		dB(A)	25 - 38				25 - 39				25 - 40				25 - 41				30 - 42				36 - 45				38 - 43			
Dehumidification		pt/hr	1.69				2.96				3.8				4.23				5.28				7.4				7.82			
External Dimensions (L x D x H)		in	32-43/64 x 29-11/16 x 11-13/16				32-43/64 x 29-11/16 x 11-13/16				44-31/64 x 29-11/16 x 11-13/16				44-31/64 x 29-11/16 x 11-13/16				44-31/64 x 29-11/16 x 11-13/16				37-3/32 x 25-25/32 x 10-15/64				52-3/4 x 25-25/32 x 10-15/64			
Package Dimension (L x W x H)		in	35-5/16 x 31-13/16 x 14-11/16				35-5/16 x 31-13/16 x 14-11/16				47-7/16 x 32-1/64 x 14-11/64				47-7/16 x 32-1/64 x 14-11/64				47-7/16 x 32-1/64 x 14-11/64				43-57/64 x 30-25/64 x 12-19/32				61-47/64 x 30-5/16 x 12-23/32			
Net Weight		lbs	70.5				70.5				92.6				92.6				92.6				66.2				94.8			
Gross Weight		lbs	83.8				83.8				106.9				106.9				106.9				77.2				108			
OUTDOOR UNIT			KW09XQ25S1DO		KW09XQ29S1DO		KW12XQ25S1DO		KW12XQ29S1DO		KW18XQ25S1DO		KW18XQ29S1DO		KW18XQ29S1DO		KW24XQ25S1DO		KW24XQ29S1DO		KW30XQ21CDO		KW36XQ21CDO							
Sound Pressure Level		dB(A)	52		55		52		55		59		59		59		58		62		62		62							
External Dimensions (L x D x H)		in	31-37/64 x 13-50/64 x 21-27/32		34-3/8 x 14-51/64 x 21-27/32		31-37/64 x 13-50/64 x 21-27/32		34-3/8 x 14-51/64 x 21-27/32		37-23/32 x 15-53/64 x 25-63/64		37-23/32 x 15-53/64 x 25-63/64		37-23/32 x 15-53/64 x 25-63/64		37-23/32 x 15-53/64 x 25-63/64		39-3/8 x 16-13/16 x 29-3/8		39-3/8 x 16-13/16 x 29-3/8									
Package Dimension (L x W x H)		in	34-21/64 x 15-43/64 x 24-26/64		37-7/16 x 16-31/32 x 24-26/64		34-21/64 x 15-43/64 x 24-26/64		37-7/16 x 16-31/32 x 24-13/32		40-5/8 x 17-61/64 x 29-1/64		40-5/8 x 17-61/64 x 29-1/64		40-5/8 x 17-61/64 x 29-1/64		40-5/8 x 17-61/64 x 29-1/64		42-33/64 x 19-1/64 x 31-57/64		42-33/64 x 19-1/64 x 31-57/64									
Net Weight		lbs	71.7		78.3		71.7		78.3		94.8		94.8		94.8		92.6		115.8		116.8		116.8							
Gross Weight		lbs	77.2		84.9		77.2		84.9		104.7		104.7		104.7		102.5		126.8		127.9		127.9							
REFRIGERANT PIPING																														
Refrigerant Charge - R32		oz	30		35		28		35		41		47		47		42		56		56.4									
Additional Charge		oz/ft	0.2		0.2		0.2		0.2		0.2		0.4		0.4		0.2		0.4		0.4									
Indoor Piping Connection (Liquid - Gas)*		in	1/4 - 3/8		1/4 - 3/8		1/4 - 3/8		1/4 - 3/8		1/4 - 1/2		1/4 - 1/2		1/4 - 1/2		1/4 - 1/2		1/4 - 5/8		1/4 - 5/8									
Outdoor Piping Connection (Liquid - Gas)		in	1/4 - 3/8		1/4 - 1/2		1/4 - 1/2		1/4 - 1/2		1/4 - 1/2		1/4 - 5/8		1/4 - 5/8		1/4 - 5/8		1/4 - 5/8		1/4 - 5/8									
Pre-Charge Length		ft	24.6		24.6		24.6		24.6		24.6		24.6		24.6		24.6		24.6		24.6									
Pipe Length (Min - Max)		ft	10 - 100		10 - 100		10 - 100		10 - 100		10 - 131		10 - 131		10 - 131		10 - 131		10 - 131		10 - 131									
Max. Pipe Elevation		ft	60		60		60		60		82		82		82		82		82		82									
ELECTRICAL																														
Power Supply			208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz				208-230V / 1Ph / 60Hz							
Voltage Range (Min - Max)		VAC	187 - 253				187 - 253				187 - 253				187 - 253				187 - 253				187 - 253							
Rated Current - Cooling		A	7.5		7.5		6.56		6.56		12.5		11.5		11.5		17		21.5		20		20							
Rated Current - Heating		A	7.5		7.5		8.53		7.13		16		11.5		11.5		30		30		30		35							
MOCP		A	15		15		15		15		20		25		25		30		30		30		35							
MCA		A	10		10		10		10		16		20		20		22		25		27		23							
Main Power Wire Size		AWG	Per Local Code				Per Local Code				Per Local Code				Per Local Code				Per Local Code				Per Local Code							
Interconnecting Wire Size		AWG	14 / 4				14 / 4				14 / 4				14 / 4				14 / 4				14 / 4							
LIMITED WARRANTY			12 years residential, 5/7 years commercial parts and compressor warranty on registered models																											

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.

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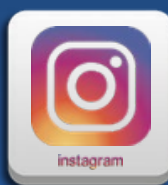
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GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
Address : West Jinji Rd, Qianshan, Zhuhai, Guangdong, China, 519070

Tel. : (+86-756) 852 2218
Email: gree@cn.gree.com

Fax: (+86-756) 861 4998
<http://global.gree.com>

HONG KONG GREE ELECTRIC APPLIANCES SALES Co., Ltd.
Address : Unit 2612, 26/F, Mira Place Tower A 132 Nathan Road, TsimshaTsui, Kowloon, Hong Kong

Tel.: (852) 3165 8898
Fax: (852) 3165 1029