



# SUBMITTAL DATA

KUL09HPL132IA / KUL09HPL132OA

9000 BTU/H Wall Mounted Heat Pump System

Job Name

Purchaser

Submmited to

Unit Designation

Location Date

Engineer

For

Schedule No.



#### **GENERAL FEATURES**

- AHRI Certificate: 215424783
- High Efficiency DC Inverter Technology
- · Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Wireless Remote with LCD Display
- · Wired Controller Options
- · New R32 Refrigerant

- · Composite Drain Pan
- · Wi-Fi Included (Factory Installed)
- Low Ambient Cooling down to -20°F (Range -20°F to 122°F)
- Low Ambient Heating down to -22°F (Range -22°F to 86°F)
- · Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- · Blue Colored Fin 500 Hrs Salt Spray Tested

# **SPECIFICATIONS, FEATURES & FUNCTION SUMMARY**

Outdoor Model         KUL09HPL132IA           SYSTEM PERFORMANCE           Cooling Capacity         Min - Max         Btu/h         7,261 - 14,522           Amazin (Capacity @95°F         Btu/h         9,100           Heating Capacity @17°F         Btu/h         10,000           Capacity @17°F         Btu/h         10,000           Capacity @5°F         Btu/h         9,500           SEER2         27,0           EER2         15,0           HSPF2         10,5           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -20 - 122           Net Sound Pressure Level (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         Din         32 - 3/64 × 11 - 17/52 × 7-23/52           Package Dimension (W x H x D)         in         32 - 3/164 × 11 - 17	SYSTEM TYPE			HEAT PUMP
SYSTEM PERFORMANCE				KUL09HPL132OA
Cooling Capacity         Min - Max         Btu/h         7,261 - 14,522           Heating Capacity @95°F         Btu/h         9,100           Heating Capacity @95°F         Btu/h         10,000           Capacity @10°F         Btu/h         10,000           Capacity @10°F         Btu/h         9,500           SEER2         27,0           EER2         15.0           HSPF2         10.5           COP @5°F         1.83           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -22 - 86           Refrigerant Type         R32         R32           INDOOR UNIT         KUL09HPLI32IA           Air flow (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in         32-3/64 × 14-3/8 × 10-35/64           Net Weight         lbs         20.9           Gross Weight         lbs         20.9           Compressor Type         C20 / SINGLE CYLINDER / 1-STAGE INNERTER           Sound Pressure Level         dB(A)         52				KUL09HPL132IA
Capacity         Capacity         Btu/h         9,100           Heating Capacity         Capacity @47°F         Btu/h         6,356 - 15,013           Capacity         Btu/h         10,000         10,000           Capacity         ®17°F         Btu/h         8,400           SEER2         27.0         EER2         15.0           HSPF2         10.5         1.83           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -20 - 122           Refrigerant Type         R32         11           Refrigerant Type         R32         12           Sound Pressure Level (Min - Max)         168(A)         20 - 41           Debumidification         10x - 126	SYSTEM PERFO	DRMANCE		
Capacity         Capacity         Btu/h         9,100           Heating Capacity         Min - Max         Btu/h         6,356 - 15,013           Capacity         407°F         Btu/h         10,000           SEER2         270         8tu/h         9,500           SEER2         15.0         15.0           HSPF2         10.5         183           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -22 - 86           Refrigerant Type         R32         R32           INDOOR UNIT         KULO9HPL132/A           Air flow (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in         32-31/64 × 11-17/32 × 7-23/32           Package Dimension (W x H x D)         in         34-29/64 × 14-3/8 × 10-35/64           Net Weight         Ibs         20.9           Gross Weight         Ibs         25.4           OUTDOOR UNIT         KULO9HPL132OO           Compressor Type         G20 / SINGLE CYLINDER /1-STAGE INVERTER           Sound Pressure Level	Cooling	Min - Max	Btu/h	7,261 - 14,522
Heating Capacity @47°F Btu/h 10,000 Capacity @17°F Btu/h 8,400 Capacity @17°F Btu/h 9,500  SEER2  SEER2  EER2  HSPP2  10.5  COP @5°F  Cooling Temperature Range  °F -20 - 122  Heating Temperature Range  °F -22 - 86  Refrigerant Type  R32  INDOR UNIT  KUL09HPL132IA  Air flow (Min - Max)  CFM 194 - 353  Sound Pressure Level (Min - Max)  Dehumidification  External Dimensions (W x H x D)  Package Dimension (W x H x D)  Net Weight  Compressor Type  Sound Pressure Level  Bá(A)  Compressor Type  Sound Pressure Level  AB(A)  Compressor Type  Sound Pressure Level  AB(A)  Compressor Type  Sound Pressure Level  AB(A)  Capacity @47°F  Btu/h  RUL09HPL132IA  Bell May 20 - 41  Bell Ma		Capacity @95°F	Btu/h	9,100
Capacity @47°F   Btu/h   10,000		, , ,		6,356 - 15,013
Capacity         Capacity @17°F         Btu/h         8,400           SEER2         27.0           EER2         15.0           HSPF2         10.5           COP @5°F         1.83           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -22 - 86           Refrigerant Type         R32         INDOOR UNIT         KULO9HPL132IA           Air flow (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in         32-23/64 × 11-17/32 × 7-23/32           Package Dimension (W x H x D)         in         34-29/64 × 14-3/8 × 10-35/64           Net Weight         lbs         20.9           Gross Weight         lbs         20.9           Gross Weight         lbs         25.4           OUTDOOR UNIT         KUL09HPL132OA           Compressor Type         G20 / SINGLE CYLINDER /1 - STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in         31-37/64 x 21-27/32 x 13-25/32           Pa	Heating	Capacity @47°F		·
Capacity @5°F   Btu/h   9,500				,
SEER2         27.0           HSPF2         15.0           COP @5°F         1.83           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -22 - 86           Refrigerant Type         R32         RMOOR UNIT         KUL09HPLI3ZIA           Air flow (Min - Max)         CFM         194 - 353         Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/n         1.69         External Dimensions (W x H x D)         in 32-31/64 × 11-17/32 × 7-23/32         Package Dimension (W x H x D)         in 34-29/64 × 14-3/8 × 10-35/64         Net Weight         lbs         20.9         Gross Weight         Bbs         25.4         OUTDOOR UNIT         KUL09HPLI3ZOA         COORS Weight         G20/ SINGLE CYLINDER /1 - STAGE INVERTER         Sound Pressure Level         dB(A)         52         External Dimensions (W x H x D)         in 31-37/64 x 21-27/32 x 13-25/32         Package Dimension (W x H x D)         in 34-21/64 x 24-13/32 x 15-43/64         Net Weight         Ibs         71.7         STAGE INVERTER         Sound Pressure Level         BC STAGE INVERTER         Sound Pressure Level         BC STAGE INVERTER         Sound Pressure Level         BC STAGE INVERTER         Sound Pressure Level Pressure Level         CP STAGE INVERTER         Sound Pressure Level		1 3 0		·
EER2				·
HSPF2				
COP @S°F         1.83           Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -22 - 86           Refrigerant Type         R32           INDOOR UNIT         KULO9HPLI32IA           Air flow (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in         32-31/64 × 11-17/32 × 7-23/32           Package Dimension (W x H x D)         in         34-29/64 × 14-3/8 × 10-35/64           Net Weight         Ibs         20.9           Gross Weight         Ibs         20.9           Gross Weight         Ibs         25.4           OUTDOOR UNIT         KULO9HPLI32OA           Compressor Type         G20 / SINCLE CYLINDER/1-STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in         31-37/64 × 21-27/32 × 13-25/32           Package Dimension (W x H x D)         in         31-37/64 × 21-27/32 × 13-25/32           Package Dimension (W x H x D)         in         31-37/64 × 21-27/32 × 13-25/32           Refrigerant Charge - R32				
Cooling Temperature Range         °F         -20 - 122           Heating Temperature Range         °F         -22 - 86           Refrigerant Type         R32           INDOOR UNIT         KULO9HPLISZIA           Air flow (Min - Max)         CFM         194 - 353           Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in         32-31/64 × 11-17/32 × 7-23/32           Package Dimension (W x H x D)         in         34-29/64 × 14-3/8 × 10-35/64           Net Weight         lbs         20.9           Gross Weight         lbs         25.4           OUTDOOR UNIT         KUL09HPLI320A           Compressor Type         G20 / SINGLE CYLINDER/1 - STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in         31-37/64 x 21-27/32 x 13-25/32           Package Dimension (W x H x D)         in         31-37/64 x 24-13/32 x 15-43/64           Net Weight         lbs         71.7           Gross Weight         lbs         77.2           REFRIGERANT PIPING         Refrigerant Charge - R32         A         A           Additio				
Heating Temperature Range		rature Dange	∘⊏	
Refrigerant Type			-	
Numboor Unit   Numboor Unit   Air flow (Min - Max)   CFM   194 - 353			'	
Air flow (Min - Max)  Sound Pressure Level (Min - Max)  Dehumidification  pt/hr  1.69  External Dimensions (W x H x D)  Package Dimension (W x H x D)  Package Dimension (W x H x D)  Package Dimension (W x H x D)  In 32-31/64 × 11-17/32 × 7-23/32  Package Dimension (W x H x D)  Package Dimensions (W x H x D)  Package Dimensions (W x H x D)  Package Dimension (W x H x D)  In 31-37/64 x 21-27/32 x 13-25/32  Package Dimension (W x H x D)  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 13-25/32  Package Dimension (W x H				
Sound Pressure Level (Min - Max)         dB(A)         20 - 41           Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in         32-31/64 × 11-17/32 × 7-23/32           Package Dimension (W x H x D)         in         34-29/64 × 14-3/8 × 10-35/64           Net Weight         lbs         20.9           Gross Weight         lbs         20.9           Corps Weight         lbs         25.4           OUTDOOR UNIT         KUL09HPLI32OA           Compressor Type         G20/SINGLE CYLINDER/1-STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in         31-37/64 x 21-27/32 x 13-25/32         22           External Dimensions (W x H x D)         in         34-21/64 x 24-13/32 x 15-43/64         Net Weight         Ibs         71.7           Package Dimension (W x H x D)         in         34-21/64 x 24-13/32 x 15-43/64         Net Weight         1bs         71.7           Cross Weight         lbs         77.2         28         28         29         30         Additional Charge         oz/ft         0.2         20         20         Additiona		(ax)	CEM	
Dehumidification         pt/hr         1.69           External Dimensions (W x H x D)         in 32-31/64 × 11-17/32 × 7-23/32           Package Dimension (W x H x D)         in 34-29/64 × 14-3/8 × 10-35/64           Net Weight         lbs         20.9           Gross Weight         lbs         25.4           OUTDOOR UNIT         KUL09HPL132OA           Compressor Type         G20 / SINGLE CYLINDER / 1 - STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in 31-37/64 x 21-27/32 x 13-25/32           Package Dimension (W x H x D)         in 34-21/64 x 24-13/32 x 15-43/64           Net Weight         lbs         71.7           Gross Weight         lbs         77.2           REFRIGERANT PIPING           Refrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in 1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELE	,			
External Dimensions (W x H x D)  Package Dimension (W x H x D)  Package Dimension (W x H x D)  In 32-31/64 × 11-17/32 × 7-23/32  Package Dimension (W x H x D)  In 34-29/64 × 14-3/8 × 10-35/64  Net Weight  Duty Door Unit  RULO9HPLI32OA  Compressor Type  G20 / SINGLE CYLINDER / 1-STAGE INVERTER  Sound Pressure Level  External Dimensions (W x H x D)  Package Dimension (W x H x D)  Package Dimension (W x H x D)  In 31-37/64 × 21-27/32 x 13-25/32  Package Dimension (W x H x D)  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Net Weight  Process Weight  Process Weight  Refrigerant Charge - R32  Additional Charge  Oz/ft  O.2  Line Set Size (Liquid - Gas) - Flared Connections  Pre-Charge Length  ft  25  Pipe Length (Min - Max)  ft  10 - 66  Max. Pipe Elevation  Ft  40  ELECTRICAL  Power Supply  Power Supply  Olage Range (Min - Max)  VAC  Powered by the Outdoor Unit)  Voltage Range (Min - Max)  A 19  MCA  A 19  MCA  A 19  MCCP  A 20  Suggested Breaker Size  AWG  Per Local Code		,	1 .	
Package Dimension (W x H x D)			<u> </u>	
Net Weight		,		
Gross Weight         Ibs         25.4           OUTDOOR UNIT         KUL09HPL1320A           Compressor Type         G20 / SINGLE CYLINDER /1-STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in 31-37/64 x 21-27/32 x 13-25/32           Package Dimension (W x H x D)         in 34-21/64 x 24-13/32 x 15-43/64           Net Weight         Ibs         71.7           Gross Weight         Ibs         77.2           REFRIGERANT PIPING         Fefrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in 1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MCCP         A         20		ISIOTI (VV X I I X D)		
OUTDOOR UNIT         KUL09HPL132OA           Compressor Type         G20 / SINGLE CYLINDER / 1 - STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in 31-37/64 x 21-27/32 x 13-25/32           Package Dimension (W x H x D)         in 34-21/64 x 24-13/32 x 15-43/64           Net Weight         lbs         71.7           Gross Weight         lbs         77.2           REFRIGERANT PIPING           Refrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in 1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A				
Compressor Type         G20 / SINGLE CYLINDER / 1-STAGE INVERTER           Sound Pressure Level         dB(A)         52           External Dimensions (W x H x D)         in 31-37/64 x 21-27/32 x 13-25/32           Package Dimension (W x H x D)         in 34-21/64 x 24-13/32 x 15-43/64           Net Weight         lbs         71.7           Gross Weight         lbs         77.2           REFRIGERANT PIPING           Refrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in 1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MCOP         A         20           Suggested Breaker Size         AWG         Per Loca			IDS	
STAGE INVERTER  Sound Pressure Level  External Dimensions (W x H x D)  Package Dimension (W x H x D)  In 31-37/64 x 21-27/32 x 13-25/32  Package Dimension (W x H x D)  Net Weight  Ibs 71.7  Gross Weight  Refrigerant Charge - R32  Additional Charge  Connections  Pre-Charge Length  Pipe Length (Min - Max)  Max. Pipe Elevation  FLECTRICAL  Power Supply  Voltage Range (Min - Max)  VAC  Rated Current - Cooling  A 12.3  Rated Current - Heating  MCA  Main Power Wire Size  Main Power Wire Size  A WG  Package Dimension (W x H x D)  in 31-37/64 x 21-27/32 x 13-25/32  31-27/32 x 15-43/64  To 20  31-27/32 x 15-43/64  To 27/17  31-27/64 x 21-27/32 x 13-25/32  To 31-24/64 x 24-13/32 x 15-43/64  To 27/17  To 34-21/64 x 24-13/32 x 15-43/64  To 34-21/64 x 24-13/3	OUTDOOR UNIT			
External Dimensions (W x H x D)  Package Dimension (W x H x D)  Package Dimension (W x H x D)  In 31-37/64 x 21-27/32 x 13-25/32  Package Dimension (W x H x D)  In 34-21/64 x 24-13/32 x 15-43/64  Net Weight  Proceeding to the second to the				
Package Dimension (W x H x D)  Net Weight  Gross Weight  Ibs  71.7  REFRIGERANT PIPING  Refrigerant Charge - R32  Additional Charge  Line Set Size (Liquid - Gas) - Flared Connections  Pre-Charge Length  Ft  Pipe Length (Min - Max)  Max. Pipe Elevation  FLECTRICAL  Power Supply  Voltage Range (Min - Max)  Rated Current - Cooling  MCA  MOCP  A  Suggested Breaker Size  In  34-21/64 x 24-13/32 x 15-43/64  To.7  10.7  34-21/64 x 24-13/32 x 15-43/64  This is a stantant of the second of the sec	Compressor Typ	pe		G20 / SINGLE CYLINDER / 1 -
Net Weight Ibs 71.7  Gross Weight Ibs 77.2  REFRIGERANT PIPING  Refrigerant Charge - R32 oz 30  Additional Charge oz/ft 0.2  Line Set Size (Liquid - Gas) - Flared connections in 1/4 - 3/8  Pre-Charge Length ft 25  Pipe Length (Min - Max) ft 10 - 66  Max. Pipe Elevation ft 40  ELECTRICAL  Power Supply 208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  Voltage Range (Min - Max) VAC 103 - 126  Rated Current - Cooling A 12.3  Rated Current - Heating A 16.59  MCA A 19  MOCP A 20  Suggested Breaker Size A 20  Main Power Wire Size AWG Per Local Code			dB(A)	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER
Cross Weight         Ibs         77.2           REFRIGERANT PIPING           Refrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in         1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL         Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure	Level	, ,	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER 52
REFRIGERANT PIPING           Refrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in         1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen	Level sions (W x H x D)	in	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER 52 31-37/64 x 21-27/32 x 13-25/32
Refrigerant Charge - R32         oz         30           Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in         1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer	Level sions (W x H x D)	in	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER 52 31-37/64 × 21-27/32 × 13-25/32 34-21/64 × 24-13/32 × 15-43/64
Additional Charge         oz/ft         0.2           Line Set Size (Liquid - Gas) - Flared Connections         in         1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight	Level sions (W x H x D)	in in lbs	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER 52 31-37/64 x 21-27/32 x 13-25/32 34-21/64 x 24-13/32 x 15-43/64 71.7
Line Set Size (Liquid - Gas) - Flared Connections         in         1/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight	sions (W x H x D) sion (W x H x D)	in in lbs	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER 52 31-37/64 x 21-27/32 x 13-25/32 34-21/64 x 24-13/32 x 15-43/64 71.7
Connections         In         I/4 - 3/8           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT	e Level sions (W x H x D) nsion (W x H x D)	in in lbs	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 x 21-27/32 x 13-25/32  34-21/64 x 24-13/32 x 15-43/64  71.7  77.2
Pipe Length (Min - Max)         ft         10 - 66           Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha	e Level sions (W x H x D) nsion (W x H x D)  PIPING arge - R32	in in lbs lbs	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2
Max. Pipe Elevation         ft         40           ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li	PIPING arge - R32 ge	in in lbs lbs oz oz/ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2
ELECTRICAL           Power Supply         208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections	PIPING arge - R32 ge quid - Gas) - Flared	in in lbs lbs oz oz/ft in	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8
Power Supply         208-230V / 1Ph / 60 Hz (Powered by the Outdoor Unit)           Voltage Range (Min - Max)         VAC         103 - 126           Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len	PIPING arge - R32 ge quid - Gas) - Flared	in in lbs lbs oz oz/ft in ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25
Voltage Range (Min - Max)   VAC   103 - 126     Rated Current - Cooling   A   12.3     Rated Current - Heating   A   16.59     MCA   A   19     MOCP   A   20     Suggested Breaker Size   A   20     Main Power Wire Size   AWG   Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M	PIPING arge - R32 ge quid - Gas) - Flared in - Max)	in in lbs lbs oz oz/ft in ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66
Rated Current - Cooling         A         12.3           Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva	PIPING arge - R32 ge quid - Gas) - Flared in - Max)	in in lbs lbs oz oz/ft in ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66
Rated Current - Heating         A         16.59           MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva	PIPING arge - R32 ge quid - Gas) - Flared in - Max)	in in lbs lbs oz oz/ft in ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz
MCA         A         19           MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply	PIPING arge - R32 ge quid - Gas) - Flared in - Max) tion	in in lbs lbs oz oz/ft in ft ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 x 21-27/32 x 13-25/32  34-21/64 x 24-13/32 x 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)
MOCP         A         20           Suggested Breaker Size         A         20           Main Power Wire Size         AWG         Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply	PIPING  PIPING  arge - R32  age  quid - Gas) - Flared  agth  in - Max)  (Min - Max)	in in lbs lbs oz oz/ft in ft ft tt	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 x 21-27/32 x 13-25/32  34-21/64 x 24-13/32 x 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  103 - 126
Suggested Breaker Size A 20 Main Power Wire Size AWG Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply Voltage Range Rated Current -	PIPING arge - R32 ge quid - Gas) - Flared in - Max) tion  (Min - Max) Cooling	in in lbs lbs oz oz/ft in ft ft ft	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  103 - 126  12.3
Suggested Breaker Size A 20 Main Power Wire Size AWG Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply Voltage Range Rated Current - Rated Current -	PIPING arge - R32 ge quid - Gas) - Flared in - Max) tion  (Min - Max) Cooling	in in lbs lbs oz oz/ft in ft ft ft A A A	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  103 - 126  12.3  16.59
Main Power Wire Size AWG Per Local Code	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply Voltage Range Rated Current - Rated Current - MCA	PIPING arge - R32 ge quid - Gas) - Flared in - Max) tion  (Min - Max) Cooling	in in lbs lbs oz oz/ft in ft ft A A A	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  103 - 126  12.3  16.59  19
	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply Voltage Range Rated Current - Rated Current - MCA MOCP	PIPING arge - R32 ge quid - Gas) - Flared gth in - Max) tion (Min - Max) Cooling Heating	in in lbs lbs oz oz/ft in ft ft A A A A	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 × 21-27/32 × 13-25/32  34-21/64 × 24-13/32 × 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  103 - 126  12.3  16.59  19  20
	Sound Pressure External Dimen Package Dimer Net Weight Gross Weight REFRIGERANT Refrigerant Cha Additional Char Line Set Size (Li Connections Pre-Charge Len Pipe Length (M Max. Pipe Eleva ELECTRICAL Power Supply Voltage Range Rated Current - Rated Current - MCA MOCP Suggested Brea	PIPING arge - R32 ge quid - Gas) - Flared in - Max) tion  (Min - Max) Cooling Heating	in in lbs lbs oz oz/ft in ft ft ft A A A A A	G20 / SINGLE CYLINDER / 1 - STAGE INVERTER  52  31-37/64 x 21-27/32 x 13-25/32  34-21/64 x 24-13/32 x 15-43/64  71.7  77.2  30  0.2  1/4 - 3/8  25  10 - 66  40  208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)  103 - 126  12.3  16.59  19  20  20

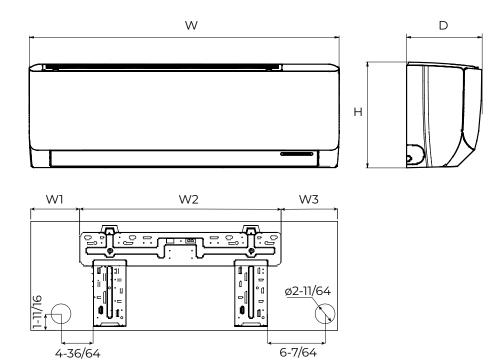
FEATURES & FUNCTIONS SUMMARY				
Inverter Type	G20			
Ultra Low Frequency Torque Control	Yes			
Power Factor Correction	Yes			
Basepan With Electric Heater	Yes			
Indoor & Outdoor Fin Coating (Blue Fin)	Yes			
Intelligent Defrosting	Yes			
Intelligent Preheating	Yes			
Low Voltage Startup	Yes			
Memory/Power Failure Recovery	Yes			
Self Diagnosis	Yes			
Wired Controller Interface	Yes			
WiFi Included	Yes			
NEW! Easy Service Access	Yes			
Indoor Fan Type	Crossflow			
Multi Fan Speeds	7 Speeds			
Indoor Unit Display	Yes			
Auxilary Electrical Heater	No			
Ventilation (Outdoor Air)	No			
REMOTE CONTROLLER FUNCTION	ONS .			
NEW! Auto Clean	Yes			
Auto Mode	Yes			
Auto Fan	Yes			
Auto Swing (Horizontal Auto Swing)	Yes			
Auto Swing - 180° (Vertical Auto Swing)	Yes			
Clock	Yes			
Dry Mode	Yes			
Dry Anti-Mildew (X-Fan) Mode	Yes			
Energy Saving Mode	Yes			
Dirty Filter Alert	Yes			
Fan Speed Control	Yes			
I Feel Function	Yes			
Privacy Lock	Yes			
Quiet Mode	Yes			
Room Temperature Display	Yes			
Sleep Mode	Yes			
3 Sleep Mode Options	Yes			
Timer Mode	Yes			
Turbo Mode	Yes			
Display On/Off Control	Yes			
Freeze Guard Mode	Yes			
Power Failure Mode	Yes			
Humidity Control	Yes			

#### **DIMENSIONS**

## **INDOOR UNIT**

Unit: inch

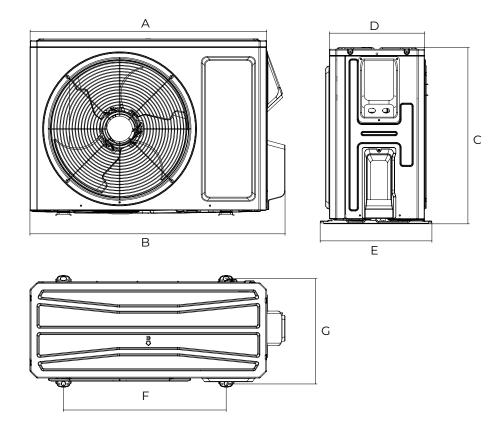
KUL09HPL132IA				
DIMENSIONS				
W	32-31/64			
Н	11-17/32			
D	7-23/32			
W1	4-29/64			
W2	21-11/32			
W3	6-11/16			



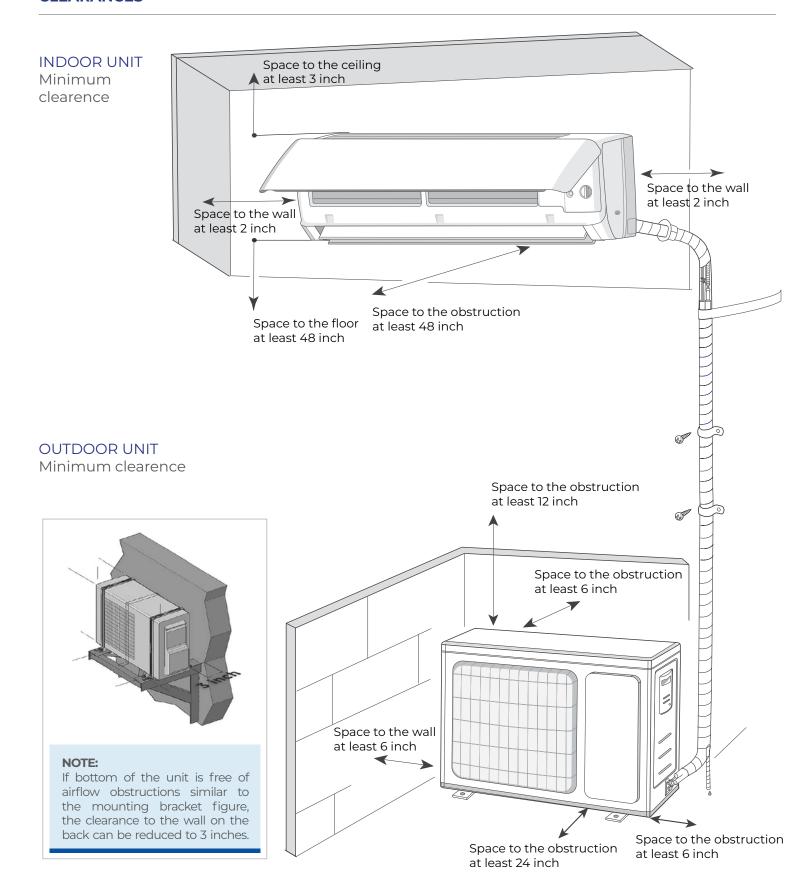
## **OUTDOOR UNIT**

Unit: inch

orne. Irreir				
KUL09HPL132OA				
DIMENSIONS				
А	29-21/64			
В	31-37/64			
С	21-27/32			
D	11-13/16			
Е	13-25/32			
F	20-5/32			
G	13-5/64			



#### **CLEARANCES**





Specifications are subject to change without notice. Manufacturer reserves the right to discontinue or modify specifications or designs without notice or without incurring obligations. All Rights reserved.