



## SUBMITTAL DATA

FXE48HP230V1R32AH / FXE60HP230V1R32AO 48000 BTU/H Unitary Heat Pump Split System

Job Name	Location Date
Purchaser	Engineer
Submmited to	For
Unit Designation	Schedule No.
- Garce	Control of the contro
FXE48HP230V1R32AH	FXE60HP230V1R32AO

### **GENERAL FEATURES**

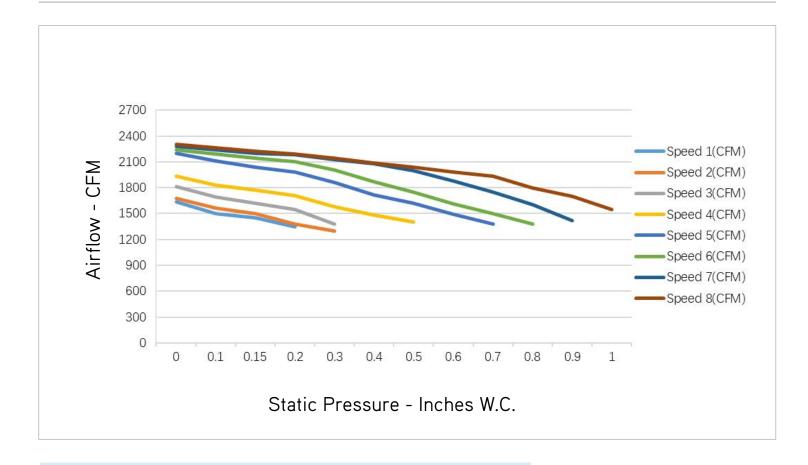
- AHRI Certificate: 216626010
- High Efficiency DC Inverter Technology
- Zero Lot Line Design
- Operation Range: 5°F ~ 118°F
- New R32 Refrigerant
- Multi-Position Air Handler

- RS485 Communication and Universal 24V Control
- Coil (Outdoor) Copper Tube/Aluminum Fin with Anti-Corrosion
   Coil Coating (Gold Colored Fin 1500Hr Salt Spray Rating)
- Coil (Indoor) Copper Tube/Aluminum Fin with Anti-Corrosion Coil Coating (Blue Colored Fin - 500Hr Salt Spray Rating)

### SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

System Type	SPECIFICATIO	)NS		FXE48HP230V1R32AH / FXE60HP230V1R32AO				
System Performance	,							
Min - Max		FORMANCE						
Capacity   Capacity @95°F   Btu/h   48,000			Btu/h	24,000 - 52,000				
Capacity @47°F   Btu/h   36,000		Capacity @95°F	Btu/h	48,000				
Capacity   April   Btu/h   36,000		Min - Max	Btu/h	24,000 - 53,000				
Capacity         Capacity @17°F         Btu/h         36,000           SEER2         11.70           EER2         11.7           HSPF2         9.5           COP @35°F         2.0           COP @47°F         3.40           Cooling Temperature Range         1°F         5 - 118           Heating Temperature Range         1°F         5 - 75           Refrigerant Type         R32         R32           INDOR UNIT         FXE48HP230VIR32AH           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB40         53           Control Voltage         VAC         24           Rated Current Cooling         A         19           Rated Current Heating         A         19           MCA         A         7.1           MCP         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CPM         1400           External Static Pressure (Up to)         In         24-13/16 × 21-1/4 × 52           Package Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/	Heating	Capacity @47°F	Btu/h	48,000				
SEER2         17.0           EER2         11.7           HSPF2         9.5           COP @5°F         2.0           COP @47°F         3.40           Cooling Temperature Range         °F         5 - 118           Heating Temperature Range         °F         5 - 75           Refrigerant Type         R32         118           INDOOR UNIT         FXE48HP230VIR32AH           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         53           Control Voltage         VAC         24           Rated Current Gooling         A         19           Rated Current Heating         A         19           MCA         A         19           MCA         A         19           Rated Current Heating         A         19           MCA         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CFM         14000           External Static Pressure (Up to)         In         10           Dehumidification         pv/hr         8.49           Drain Piping         in         400.05		Capacity @17°F	Btu/h	36,000				
EER2 11.7  HSPF2 9.5  COP a67F 2.0  COP a7FF 3.40  Cooling Temperature Range 1°F 5 - 118  Heating Temperature Range 1°F 5 - 75  Refrigerant Type R32  INDOOR UNIT FXE48HP230VR32AH  Power Supply VAC 208-230V / 1Ph / 60 Hz  Sound Pressure Level dB(A) 5.3  Control Voltage A 19  Rated Current Gooling A 19  Rated Current Heating A 19  MCA A 7.1  MCCP A 15  Electric Heater (Optional) kW 6, 9, 12  Air Flow CFM 1400  External Static Pressure (Up to) Wc.  Dehumidification pt/hr 8.49  Drain Piping in Φ1×0.05  External Dimensions (W x H x D) in 24-13/16 x 21-1/4 x 52  Package Dimension (W x H x D) in 27-1/4 x 26 x 54-3/16  Net Weight Ibs 218.0  OUTDOOR UNIT FXE60HP230VIR32AO  Power Supply VAC 208-230V / 1Ph / 60 Hz  Sound Pressure Level dB(A) 60  CONTON Voltage A 2.7  MCCP A 3.8  Rated Current Heating A 3.9  A 4.7  A 7.1		Capacity @5°F	Btu/h	35,000				
HSPF2	SEER2			17.0				
COP @57F	EER2			11.7				
COP @47*F   3.40	HSPF2			9.5				
Cooling Temperature Range	COP @5°F			2.0				
Heating Temperature Range	COP @47°F			3.40				
Heating Temperature Range	Cooling Tempe	rature Range	°F	5 - 118				
INDOOR UNIT			°F	5 - 75				
Power Supply	Refrigerant Typ	ре		R32				
Sound Pressure Level	INDOOR UNIT			FXE48HP230V1R32AH				
Control Voltage         VAC         24           Rated Current Cooling         A         19           Rated Current Heating         A         19           MCA         A         7.1           MCP         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CFM         1400           External Static Pressure (Up to)         In         1.0           Dehumidification         pt/hr         8.49           Drain Piping         in         41×0.05           External Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/4 × 26 * 54-3/16           Net Weight         Ibs         199.5           Gross Weight         Ibs         218.0           VAC Wasser         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Heating         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30 <td>Power Supply</td> <td></td> <td>VAC</td> <td>208-230V / 1Ph / 60 Hz</td>	Power Supply		VAC	208-230V / 1Ph / 60 Hz				
Rated Current Cooling         A         19           Rated Current Heating         A         19           MCA         A         7.1           MOCP         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CFM         1400           External Static Pressure (Up to)         In         1.0           Dehumidification         pt/hr         8.49           Drain Piping         in         4.40.05           External Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           OUTDOR UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MCOP         A         30           Cmpressor Type<	Sound Pressur	re Level	dB(A)	53				
Rated Current Heating         A         19           MCA         A         7.1           MOCP         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CFM         1400           External Static Pressure (Up to)         In W.c.         1.0           Dehumidification         pt/hr         8.49           Drain Piping         in Pt/hr         8.49           External Dimensions (W x H x D)         in 24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in 27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           DOTION UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter	Control Voltage	e	VAC	24				
MCA         A         7.1           MOCP         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CFM         1400           External Static Pressure (Up to)         In         1.0           Dehumidification         pt/hr         8.49           Drain Piping         in         Φ1×0.05           External Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           OUTDOOR UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in<	Rated Current	Cooling	А	19				
MOCP         A         15           Electric Heater (Optional)         kW         6, 9, 12           Air Flow         CFM         1400           External Static Pressure (Up to)         In W.c.         1.0           Dehumidification         pt/hr         8.49           Drain Piping         in         Φ×0.05           External Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           OUTDOOR UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8	Rated Current	Heating	А	19				
Electric Heater (Optional)   kW   6, 9, 12     Air Flow   CFM   1400     External Static Pressure (Up to)   In W.c.   1.0     Dehumidification   pt/hr   8.49     Drain Piping   in   Qhix0.05     External Dimensions (W x H x D)   in   24-13/16 × 21-1/4 × 52     Package Dimension (W x H x D)   in   27-1/4 × 26 × 54-3/16     Net Weight   Ibs   199.5     Gross Weight   Ibs   218.0     OUTDOOR UNIT   FXE60HP230VIR32AO     Power Supply   VAC   208-230V / 1Ph / 60 Hz     Sound Pressure Level   dB(A)   60     Control Voltage   VAC   24     Rated Current Cooling   A   14.0     Rated Current Heating   A   13.8     MCA   A   27.7     MOCP   A   30     Cmpressor Type   GREE G20 / Double Cylinder / 1 - Stage Inverter     External Dimensions (W x H x D)   in   36-1/4×14-9/16×29-3/8     Package Dimension (W x H x D)   in   42-1/2 × 19 × 31-1/2     Net Weight   Ibs   133.4     Refrigerant Charge   R32   oz   98.8     Additional Charge   oz/ft   0.215     REFRIGERANT PIPING     Line Set Size (Liquid - Gas) - Flared Connections   ft   25     Pipe Length (Min - Max)   ft   10 - 98	MCA		А	7.1				
Air Flow         CFM         1400           External Static Pressure (Up to)         In W.c.         1.0           Dehumidification         pt/hr         8.49           Drain Piping         in         40 × 0.05           External Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           OUTDOOR UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         13.	MOCP		А	15				
External Static Pressure (Up to)  Dehumidification  pt/hr  B.49  Drain Piping  in  Drain Piping  Drain Piping  in  Drain Piping  in  Drain Piping  in  Drain Piping  Drain Piping  in  Drain Piping  in  Drain Piping  Drain Piping  In  Drain Piping  Drain Piping  In  Drain Piping  In  Drain Piping  In  Drain Piping  In  Drain Piping  In  Drain Piping  Drain Piping  In  Drain Piping  I	Electric Heater	r (Optional)	kW	6, 9, 12				
Dehumidification	Air Flow		CFM	1400				
Drain Piping         in         Φ1×0.05           External Dimensions (W x H x D)         in         24-13/16 × 21-1/4 × 52           Package Dimension (W x H x D)         in         27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         in <td colspan="2">External Static Pressure (Up to)</td> <td></td> <td>1.0</td>	External Static Pressure (Up to)			1.0				
External Dimensions (W x H x D) in 24-13/16 × 21-1/4 × 52  Package Dimension (W x H x D) in 27-1/4 × 26 × 54-3/16  Net Weight	Dehumidification		pt/hr	8.49				
Package Dimension (W x H x D)         in         27-1/4 × 26 × 54-3/16           Net Weight         lbs         199.5           Gross Weight         lbs         218.0           OUTDOOR UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         in         3/8 - 3/4           Line Set Size (Liquid - Gas) - Flared Connections         in         3	Drain Piping		in	Ф1×0.05				
Net Weight	External Dimer	nsions (W x H x D)	in	24-13/16 × 21-1/4 × 52				
Gross Weight         Ibs         218.0           OUTDOOR UNIT         FXE60HP230V1R32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         in         3/8 - 3/4           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Package Dime	nsion (W x H x D)	in	9.5 2.0 3.40 5 - 118 5 - 75 R32 FXE48HP230VIR32AH 208-230V / 1Ph / 60 Hz 53 24 19 19 19 7.1 15 6, 9, 12 1400 1.0 8.49 Φ1×0.05 24-13/16 × 21-1/4 × 52 27-1/4 × 26 × 54-3/16 199.5 218.0 FXE60HP230VIR32AO 208-230V / 1Ph / 60 Hz 60 24 14.0 13.8 27.7 30 GREE G20 / Double Cylinder / 1 - Stage Invertors 36-1/4×14-9/16×29-3/8 42-1/2 × 19 × 31-1/2 124.6 133.4 98.8 0.215				
OUTDOOR UNIT         FXE60HP230VIR32AO           Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         in         3/8 - 3/4           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Net Weight		lbs	8.49 Φ1×0.05 24-13/16 × 21-1/4 × 52 27-1/4 × 26 × 54-3/16 199.5 218.0 FXE60HP230V1R32A0				
Power Supply         VAC         208-230V / 1Ph / 60 Hz           Sound Pressure Level         dB(A)         60           Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Gross Weight		lbs	24,000 - 52,000  48,000  24,000 - 53,000  48,000  36,000  35,000  17.0  11.7  9.5  2.0  3.40  5 - 118  5 - 75  R32  FXE48HP230VIR32AH  208-230V / 1Ph / 60 Hz  53  24  19  19  19  7.1  15  6, 9, 12  1400  1.0  8.49  Φ1×0.05  24-13/16 × 21-1/4 × 52  27-1/4 × 26 × 54-3/16  199.5  218.0  FXE60HP230VIR32AO  208-230V / 1Ph / 60 Hz  60  24  14.0  13.8  27.7  30  GREE G20 / Double Cylinder / 1 - Stage Inverted Stage St				
Sound Pressure Level	OUTDOOR UN	IT		FXE60HP230V1R32A0				
Control Voltage         VAC         24           Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Power Supply		VAC	208-230V / 1Ph / 60 Hz				
Rated Current Cooling         A         14.0           Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Sound Pressur	re Level	dB(A)	60				
Rated Current Heating         A         13.8           MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Control Voltage	е	VAC	24				
MCA         A         27.7           MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Rated Current	Cooling	А	14.0				
MOCP         A         30           Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Rated Current	Heating	А	13.8				
Cmpressor Type         GREE G20 / Double Cylinder / 1 - Stage Inverter           External Dimensions (W x H x D)         in         36-1/4×14-9/16×29-3/8           Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	MCA		А	27.7				
External Dimensions (W x H x D) in 36-1/4×14-9/16×29-3/8  Package Dimension (W x H x D) in 42-1/2 × 19 × 31-1/2  Net Weight lbs 124.6  Gross Weight lbs 133.4  Refrigerant Charge - R32 oz 98.8  Additional Charge oz/ft 0.215  REFRIGERANT PIPING  Line Set Size (Liquid - Gas) - Flared Connections in 3/8 - 3/4  Pre-Charge Length ft 25  Pipe Length (Min - Max) ft 10 - 98	MOCP		Α	30				
Package Dimension (W x H x D)         in         42-1/2 × 19 × 31-1/2           Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING         Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Cmpressor Typ	ре		GREE G20 / Double Cylinder / 1 - Stage Inverter				
Net Weight         lbs         124.6           Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	External Dime	nsions (W x H x D)	in	36-1/4×14-9/16×29-3/8				
Gross Weight         lbs         133.4           Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Package Dimension (W x H x D)		in	5 - 118 5 - 75 R32  FXE48HP230V1R32AH  208-230V / 1Ph / 60 Hz 53 24 19 19 19 7.1 15 6, 9, 12 1400 1.0 8.49 Φ1×0.05 24-13/16 × 21-1/4 × 52 27-1/4 × 26 × 54-3/16 199.5 218.0 FXE60HP230V1R32AO 208-230V / 1Ph / 60 Hz 60 24 14.0 13.8 27.7 30 GREE G20 / Double Cylinder / 1 - Stage Inverting Stage St				
Refrigerant Charge - R32         oz         98.8           Additional Charge         oz/ft         0.215           REFRIGERANT PIPING           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Net Weight		lbs	9.5 2.0 3.40 5 - 118 5 - 75 R32 FXE48HP230VIR32AH 208-230V / 1Ph / 60 Hz 53 24 19 19 19 7.1 15 6, 9, 12 1400 1.0 8.49 Φ1×0.05 24-13/16 × 21-1/4 × 52 27-1/4 × 26 × 54-3/16 199.5 218.0 FXE60HP230VIR32AO 208-230V / 1Ph / 60 Hz 60 24 14.0 13.8 27.7 30 GREE G20 / Double Cylinder / 1 - Stage Inversion of the stage of the				
Additional Charge         oz/ft         0.215           REFRIGERANT PIPING           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Gross Weight		lbs	133.4				
REFRIGERANT PIPING           Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Refrigerant Charge - R32		OZ	98.8				
Line Set Size (Liquid - Gas) - Flared Connections         in         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	Additional Cha	rge	oz/ft	0.215				
Flared Connections         III         3/8 - 3/4           Pre-Charge Length         ft         25           Pipe Length (Min - Max)         ft         10 - 98	REFRIGERANT	T PIPING						
Pipe Length (Min - Max) ft 10 - 98			in	3/8 - 3/4				
Pipe Length (Min - Max) ft 10 - 98	Pre-Charge Le	ngth	ft	25				

FEATURES & FUNCTIONS SUMMARY	FXE48HP230V1R32AH / FXE60HP230V1R32A0				
Compressor	Inverter				
Ultra Low Frequency Torque Control	Yes				
Power Factor Correction	Yes				
Compressor Type	Rotary				
Outdooor Electronic Expansion Valve (EEV)	Yes				
Indoor TXV Control	Yes				
Basepan With Electric Heater	Yes				
Compressor With Electric Heater	Yes				
Fin Coating (Outdoor - Golden & Indoor - Blue)	Acrylic Resin				
Intelligent Defrosting	Yes				
Intelligent Preheating	Yes				
Low Voltage Startup	Yes				
Memory/Power Failure Recovery	Yes				
Self Diagnosis	Yes				
Low Ambient Cooling	No				
24VAC Thermostat Compatible	Yes				
Indoor Fan Type	Centrifugal				
Multi Fan Speeds	5				
Auxiliary Electrical Heater	Optional				



### NOTE:

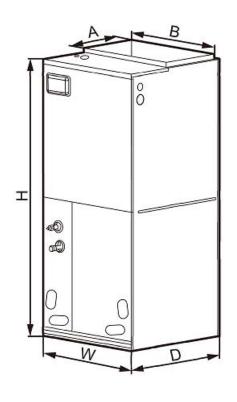
- 1. Above chart CFM ratings are based on dry coil with factory filter installed.
- 2. For wet coil CFM ratings, multiply the CFM by 0.96 correction factor.

### **DIMENSIONS**

### **INDOOR UNIT**

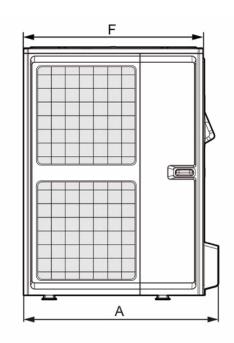
Unit: inch

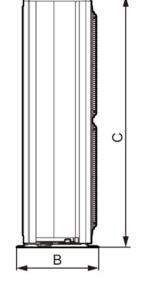
FXE48HP230V1R32AH					
DIMENSIONS					
А	11-5/8				
В	20				
Н	52				
W	24-13/16				
D	21-1/4				

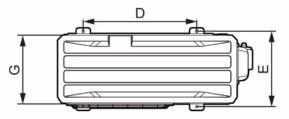


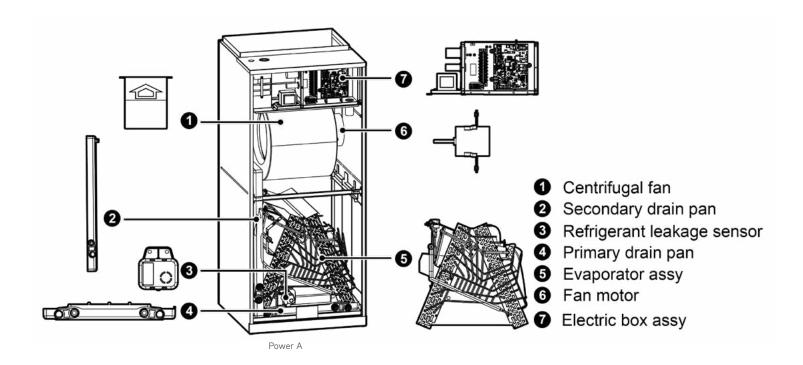
# OUTDOOR UNIT

OTIIL: IIICII	Jilit: Iliti				
FXE60HP230V1R32A0					
DIMENSIONS					
А	38-1/2				
В	16-1/4				
С	49-5/8				
D	22-7/16				
Е	14-7/8				
F	35-7/16				
G	13-3/8				







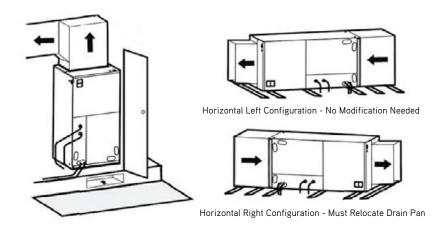


MODEL Heat k	Heat Kit Model	Part Number	Electric Heat (kW)		Min. Circuit Ampacity (A)				Max Fuse or Breaker (A)			
	Heat Kit Model	Fait Number	208V 230V		20	208V 230V		80V	208V		230V	
	One Mains Supply											
	320004060223	FLEXA2LHTR06	3.74	4.6	31 33 35 35			35				
	Two Mains Supply											
FXE48HP230V1R32AH					Power A	Power B	Power A	Power B	Power A	Power B	Power A	Power B
	320004060224	FLEXA2LHTR09	6.03	7.36	35	13.8	36.9	15	40	15	40	20
	320004060225	FLEXA2LHTR12	7.49	9.2	35	27.5	36.9	30	40	30	40	35

### **INDOOR UNIT**

Minimum clearence

FRONT > 24



### NOTE:

Allow a minimum of 24" in front of the unit for service clearance. When installing in an area directly over a finished ceiling (such as an attic), an emergency drain pan is required directly under the unit. **See local and state codes for requirements.** When installing this unit in an area that may become wet, elevate the unit with a sturdy, non-porous material. In installations that may lead to physical damage (i.e. a garage) it is advised to install a protective barrier to prevent such damage. This air handler is designed for a complete supply and return ductwork system.

### **OUTDOOR UNIT**

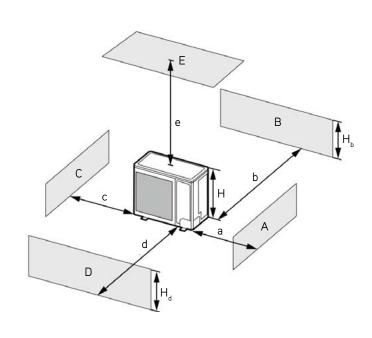
Minimum clearence

#### NOTE:

Install the Outdoor Unit **2 Inches**Above the Expected Snow Line

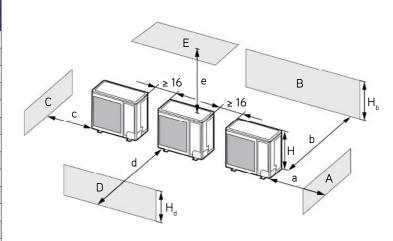
1. When one outdoor unit is to be installed.

	A - E H <sub>b</sub> H <sub>d</sub> H		(in)							
A-E			а	b		d				
В	-		-	≥ 4	-	-	-			
А, В, С	-		≥ 12	≥ 4	≥ 4	-	-			
B, E		-	-	≥ 4	-	-	≥ 40			
A, B, C, E		-	≥ 12	≥ 6	≥ 6	-	≥ 40			
D		-	-	-	-	≥ 40	-			
D, E	-		-	-	-	≥ 40	≥ 40			
B, D	H <sub>b</sub> < H <sub>d</sub> H <sub>d</sub> < H		-	≥ 4	-	≥ 40	-			
В, В	$H_{b} > H_{d}$ $H_{d} > H$		-	≥ 4	-	≥ 40	-			
		H <sub>b</sub> ≤ 1/2H	-	≥ 10	-	≥ 80	≥ 40			
	$H_{b} < H_{d}$	1/2H 〈 H <sub>b</sub> ≤H	-	≥ 10	-	≥ 80	≥ 40			
D D E		H⁵≯H			Prohibited	d				
B, D, E		H <sub>d</sub> ≤ 1/2H	-	≥ 4	-	≥ 80	≥ 40			
H <sub>b</sub> >	$H_{\rm b} > H_{\rm d}$	1/2H ⟨ H <sub>d</sub> ≤H	-	≥ 8	-	≥ 80	≥ 40			
		H <sup>q</sup> > H			Prohibited	d				



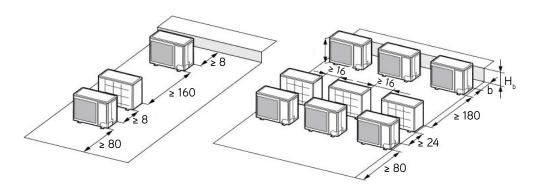
2. When two or more outdoor units are to be installed side by side.

	H <sub>b</sub> H <sub>d</sub> H				(in)				
A - E				b		d			
A, B, C		-	≥ 12	≥ 12	≥ 40	-	-		
A, B, C, E	-		≥ 12	≥ 12	≥ 40	-	≥ 40		
D		-	-	-	-	≥ 80	-		
D, E		-	-	-	-	≥ 80	≥ 40		
B, D	$H_{p} \langle H_{d}   H_{d} \rangle H$		-	≥ 12	-	≥ 80	-		
0, 0		H <sub>d</sub> ≤ 1/2H	-	≥ 10	-	≥ 80	-		
	H <sup>P</sup> > H <sup>q</sup>	1/2H 〈 H <sub>d</sub> ≤ H	-	≥ 12		≥ 100			
	H <sub>b</sub> ≤ 1/2H		-	≥ 12	-	≥ 80	≥ 40		
	$H_{b} < H_{d}$	1/2H 〈 H <sub>b</sub> ≤ H	-	≥ 12	-	≥ 100	≥ 40		
D D E		H⁵≯H			Prohibited	d			
D, D, E	B, D, E $H_b > H_d$	H <sub>d</sub> ≤ 1/2H	-	≥ 10	-	≥ 100	≥ 40		
		1/2H 〈 H <sub>d</sub> ≤ H	-	≥ 12	-	≥ 100	≥ 40		
				Prohibited					

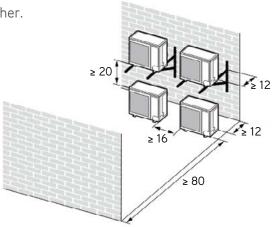


3. When outdoor units are installed in rows.

$H_{_{\rm b}} H_{_{\rm d}}$	(in)
H <sub>b</sub> ≤ 1/2H	b ≤ 10
1/2H 〈 H <sub>b</sub> ≤ H	b ≤ 12
$H_P > H_q$	Prohibited



4. When outdoor units are installed one above another.





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