



# A CENTRAL AIR SYSTEM THAT DELIVERS FLEXIBILITY IN EXTREME CLIMATES



## ALL THE FLEXIBILITY, EFFICIENCY AND PERFORMANCE IN ONE

The FLEXX ULTRA is the ideal central air system for even the most challenging environments. With 24 VAC and a horizontal (side) discharge design, this system delivers top performance for new construction and the add-on replacement markets.

- UP TO 18.5 SEER2 / 11.7 EER2 / 10.5 HSPF2 EFFICIENCY
- COOLING RANGE: 5°F - 129°F
- HEATING RANGE: -22°F - 75°F
- MAXIMUM LINE LENGTH: 164 FT.

- Up to 18.5 SEER2 / 10.5 HSPF2
- Operation Range -22°F~130°F
- 100% Cooling Capacity at 115°F
- 100% Heating Capacity at 5°F
- RS485 Communication and Universal 24V Control
- Multi-Position Air Handler
- Eco Friendly R32 Refrigerant
- Ultra Heat & Dual Fuel Compatible



SYSTEM TYPE		HEAT PUMP				
Outdoor Model		FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO	
Indoor Model		FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH	
SYSTEM PERFORMANCE						
Cooling Capacity	Min - Max	Btu/h	17,952 - 26,400	21,542 - 39,600	33,792 - 55,000	34,214 - 61,600
	Capacity @95°F	Btu/h	24,000	34,000	48,000	53,000
Heating Capacity	Min - Max	Btu/h	17,287 - 27,000	19,592 - 36,040	25,162 - 50,880	25,931 - 57,240
	Capacity @47°F	Btu/h	25,000	34,000	48,000	54,000
	Capacity @17°F	Btu/h	20,600	28,200	39,500	45,000
	Capacity @5°F	Btu/h	25,000	34,000	48,000	54,000
SEER2			18.0	18.0	19.0	18.5
EER2			12.5	12.0	12.0	11.7
HSPF2			10.0	10.0	10.0	10.5
COP @5°F			2.0	2.0	2.0	2.10
Energy Star® South			YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES
Cooling Temperature Range		°F	5 - 129	5 - 129	5 - 129	5 - 129
Heating Temperature Range		°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R32			
INDOOR UNIT		FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH	
Power Supply		VAC	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Sound Pressure Level		dB(A)	50	51	52	53
Control Voltage		VAC	24	24	24	24
Rated Current Cooling		A	1	1.6	2.1	2.8
Rated Current Heating		A	1	1.5	1.9	2.5
MCA		A	4.7	5.3	7.1	7.7
MOCP		A	15	15	15	15
Electric Heater (Optional)		kW	6	6, 9, 12	6, 9, 12	6, 9, 12
Air Flow		CFM	760	1000	1200	1500
External Static Pressure (Up to)		In W.c.	1.0	1.0	1.0	1.0
Dehumidification		pt/hr	/	/	/	/
External Dimensions (W x H x D)		in	18-1/8 x 43-1/2 x 21-1/4	21-1/4 x 48-3/16 x 21-1/4	24-13/16 x 52 x 21-1/4	24-13/16 x 52 x 21-1/4
Package Dimension (W x H x D)		in	20-5/8 x 45-5/8 x 26	23-3/4 x 50-3/8 x 26	27-1/4 x 54-3/16 x 26	27-1/4 x 54-3/16 x 26
Net Weight		lbs	135.6	163.1	199.5	199.5
Gross Weight		lbs	144.4	178.6	218.3	218.3
OUTDOOR UNIT		FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO	
Power Supply		VAC	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz
Sound Pressure Level		dB(A)	60	61	62	63
Control Voltage		VAC	24	24	24	24
Rated Current Cooling		A	10.36	14.89	21.08	24.53
Rated Current Heating		A	10.05	14.92	21.81	23.44
MCA		A	21	27.7	39.9	40
MOCP		A	25	30	45	45
Compressor Type			GREE G20 / Double Cylinder / 2 - Stage Inverter			
External Dimensions (W x H x D)		in	39 x 37-13/16 x 14-9/16	39 x 37-13/16 x 14-9/16	35-7/16 x 49-5/8 x 13-3/8	35-7/16 x 49-5/8 x 13-3/8
Package Dimension (W x H x D)		in	45-3/8 x 43-11/16 x 18-13/16	45-3/8 x 43-11/16 x 18-13/16	40-11/16 x 55-3/16 x 17-3/8	40-11/16 x 55-3/16 x 17-3/8
Net Weight		lbs	187.4	187.4	241.4	241.4
Gross Weight		lbs	211.6	211.6	263.5	263.5
Refrigerant Charge - R32		oz	88.2	102.3	162.3	162.3
Additional Charge		oz/ft	0.323	0.323	0.215	0.215
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas) - Flared Connections		in	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4
Pre-Charge Length		ft	31	31	31	31
Pipe Length (Min - Max)		ft	10 - 164	10 - 164	10 - 98	10 - 98
Max. Pipe Elevation		ft	98	98	49	49
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor – Residential & Commercial			