



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 19 SEER2 / 12.5 EER2 / 10.5 HSPF2 EFFICIENCY
- COOLING RANGE: 5°F - 129°F
- HEATING RANGE: -22°F - 75°F
- MAXIMUM LINE LENGTH: 164 FT.

- Up to 19 SEER2 / 10.5 HSPF2
- Operation Range -22°F~129°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			FXU18HP230V1R32AO		FXU24HP230V1R32AO	FXU36HP230V1R32AO	FXU48HP230V1R32AO	FXU60HP230V1R32AO
Indoor Model			FXU12HP230V1R32AH	FXU18HP230V1R32AH	FXU24HP230V1R32AH	FXU36HP230V1R32AH	FXU48HP230V1R32AH	FXU60HP230V1R32AH
SYSTEM PERFORMANCE								
Cooling Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,952 - 26,400	21,542 - 39,600	33,792 - 55,000	34,214 - 61,600
	Rated Capacity @95°F	Btu/h	17,000	18,000	24,000	34,000	48,000	53,000
Heating Capacity	Min - Max	Btu/h	10,000 - 19,000	10,000 - 20,000	17,287 - 27,000	19,592 - 36,040	25,162 - 50,880	25,931 - 57,240
	Rated Capacity @47°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
	Rated Capacity @17°F	Btu/h	14,500	14,500	20,600	28,200	39,500	45,000
	Rated Capacity @5°F	Btu/h	17,000	18,000	25,000	34,000	48,000	54,000
SEER2			18.0	18.5	18.0	18.2	19.0	18.5
EER2			12.5	12.5	12.5	12.0	12.0	11.7
HSPF2			9.0	9.0	10.0	10.0	10.0	10.5
COP @5°F			2.0	2.0	2.0	2.0	2.0	2.10
Energy Star® South			YES	YES	YES	YES	YES	YES
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES
Cooling Temperature Range		°F	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129	5 - 129
Heating Temperature Range		°F	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75	-22 - 75
Refrigerant Type			R32					
INDOOR UNIT		FXU12HP230V1R32AH	FXU18HP230V1R32AH	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	208-230V / 1Ph / 60 Hz	208-230V / 1Ph / 60 Hz	
Sound Pressure Level	dB(A)	50	50	50	51	52	53	
Control Voltage	VAC	24	24	24	24	24	24	
MOCP	A	15	15	15	15	15	15	
MCA	A	4.6	4.6	4.7	5.3	7.1	7.7	
Electric Heater (Optional)	kW	5, 10	5, 10	5, 6, 10	5, 6, 9, 10, 12, 15	5, 6, 9, 10, 12, 15, 20	5, 6, 9, 10, 12, 15, 20	
Air Flow	CFM	650	650	760	1000	1200	1500	
External Static Pressure (Up to)	In W.c.	1.0	1.0	1.0	1.0	1.0	1.0	
Dehumidification	pt/hr	3.01	3.19	4.25	6.02	8.49	9.76	
External Dimensions (W x H x D)	in	18-1/8 x 43-1/2 x 21-1/4	18-1/8 x 43-1/2 x 21-1/4	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	20-5/8 x 45-5/8 x 26	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	135.6	135.6	163.1	199.5	199.5	
Gross Weight	lbs	144.4	144.4	144.4	178.6	218.3	218.3	
OUTDOOR UNIT		FXU18HP230V1R32AO	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)	59	60	61	62	63		
Control Voltage	VAC	24	24	24	24	24		
Rated Current Cooling	A	14	14.6	22	30	31		
Rated Current Heating	A	15	19.2	25.6	32	32		
MOCP	A	20	25	30	45	45		
MCA	A	19	21	27.7	39.9	39.9		
Compressor Type			GREE G20 / DOUBLE CYLINDER / 2 - STAGE INVERTER					
External Dimensions (W x H x D)	in	36-1/4 x 29-3/8 x 14-9/16		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	42-1/4 x 31-1/2 x 19		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	133.4		187.4	187.4	241.4	241.4	
Gross Weight	lbs	143.3		211.6	211.6	263.5	263.5	
Refrigerant Charge - R32	oz	56.4		88.2	102.3	162.3	162.3	
Additional Charge	oz/ft	0.108		0.323	0.323	0.215	0.215	
REFRIGERANT PIPING								
Line Set Size (Liquid - Gas) - Flared Connections	in	1/4 - 1/2		3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	3/8 - 3/4	
Pre-Charge Length	ft	31		31	31	31	31	
Pipe Length (Min - Max)	ft	10 - 66		10 - 164	10 - 164	10 - 98	10 - 98	
Max. Pipe Elevation	ft	33		49	49	49	49	
LIMITED WARRANTY			5 Years Parts, 7 Years Compressor - Residential & Commercial					

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