

Affordable High-efficiency
Residential Heat Pump



ULTRANIXX ECO



UP TO
15.5 SEER2
7.8 HSPF2

COOLING RANGE

- 15°C - 48°C

HEATING RANGE

- 15°C - 24°C



Experience unparalleled comfort and flexibility with the UltraniXX ECO as your central air system.

Advanced Inverter Technology: Both the compressor and motor dynamically adjust to ensure efficient performance.

Low Noise Levels: Maintains noise at a minimal 55 dB(A).

Versatile Installation Options: Sleek, Single-Fan Outdoor units suitable for both ground and wall installations.



SYSTEM TYPE		HEAT PUMP					
Outdoor Model		KD24UHO	KD30UHO	KD36UHO	KD42UHO	KD48UHO	KD60UHO
Indoor Model		KD24UHI	KD30UHI	KD36UHI	KD42UHI	KD48UHI	KD60UHI
SYSTEM PERFORMANCE							
Cooling Capacity @35°C (95°F)	Btu/h	23000	28600	34000	40000	46000	54000
Heating Capacity @8°C (47°F)	Btu/h	23000	28600	34000	40000	46000	54000
Heating Capacity @-15°C (5°F)	Btu/h	13100	16100	18700	23400	26200	31400
SEER2		15.5	15.2	15.5	15.5	15	15.2
EER2		10.5	10	10	9	8.6	10
HSPF2		7.8	7.8	7.7	7.8	7.7	7.8
COP @-15°C (5°F)		1.8	1.8	1.8	1.8	1.8	1.8
COP @8°C (47°F)		3.1	2.9	2.9	2.8	2.7	2.9
Cooling Temperature Range	°C (°F)	-15 - 48°C (5 - 118°F)	-15 - 48°C (5 - 118°F)	-15 - 48°C (5 - 118°F)	-15 - 48°C (5 - 118°F)	-15 - 48°C (5 - 118°F)	-15 - 48°C (5 - 118°F)
Heating Temperature Range	°C (°F)	-15 - 24°C(5 - 75°F)	-15 - 24°C(5 - 75°F)	-15 - 24°C(5 - 75°F)	-15 - 24°C(5 - 75°F)	-15 - 24°C(5 - 75°F)	-15 - 24°C(5 - 75°F)
Refrigerant Type		R410A					
OUTDOOR UNIT DATA		KD24UHO	KD30UHO	KD36UHO	KD42UHO	KD48UHO	KD60UHO
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)	56	58	60	62	63	65
Control Voltage	VAC	24	24	24	24	24	24
MCA	A	19.5	20.5	24	26.5	36.5	38.5
MOCP	A	30	35	40	40	60	60
External Dimensions (W x H x D)	in	35 x 25-7/8 x 13-3/8	36-3/8 x 29-3/8 x 14-5/8	36-3/8 x 29-3/8 x 14-5/8	37-1/8 x 32-1/2 x 14-5/8	37-1/8 x 32-1/2 x 14-5/8	39 x 37-3/4 x 14-5/8
Net Weight / Gross Weight	lbs	99.2 / 108	119 / 127.9	132.5 / 141.8	152.1 / 163.1	164.2 / 175.3	200.6 / 223.8
Refrigerant Charge - R410A	oz	70.6	77.6	105.8	123.5	158.7	197.5
Additional Charge	oz/ft	0.32	0.32	0.32	0.32	0.32	0.32
INDOOR UNIT DATA		KD24UHI	KD30UHI	KD36UHI	KD42UHI	KD48UHI	KD60UHI
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)	47	51	51	53	53	54
Control Voltage	VAC	24	24	24	24	24	24
MCA	A	1.8	3.5	4	4.3	6.9	7.5
MOCP	A	15	15	15	15	15	15
Electric Heater (Optional)	kW	5, 8, 10	5, 8, 10, 15	10, 15, 20	10, 15, 20	10, 15, 20	10, 15, 20
Air Flow	CFM	800	900	1050	1230	1400	1500
External Static Pressure (Up to)	In W.c.	1.0	1.0	1.0	1.0	1.0	1.0
Dehumidification	pt/hr	3.06	9.70	9.94	12.13	12.13	12.13
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	21-1/4 x 48-1/4 x 21-1/4	21-1/4 x 48-1/4 x 21-1/4	24-3/4 x 52 x 21-1/4	24-3/4 x 52 x 21-1/4
Net Weight / Gross Weight	lbs	125.7 / 134.5	125.7 / 134.5	154.3 / 167.6	202 / 218	154.3 / 167.6	189.6 / 203.9
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	3/8 - 3/4	3/8 - 3/4
Pre-Charge Length	ft	31	31	31	31	31	31
Pipe Length (Min - Max)	ft	10 - 98.4	10 - 98.4	10 - 164	10 - 164	10 - 164	10 - 164
Max. Pipe Elevation	ft	49.2	49.2	98.4	98.4	98.4	98.4
LIMITED WARRANTY	12 years residential, 7 years commercial compressor and parts warranty on registered models						



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