



COLD CLIMATE HEAT PUMP PERFORMANCE YOU CAN COUNT ON

- 24 VAC THERMOSTAT CONTROL
- INDUSTRY LEADING HEATING AND COOLING PERFORMANCE
- UP TO 20 SEER / 10.5 HSPF EFFICIENCY



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- High efficiency, up to 20 SEER / 10.5 HSPF
- Cooling range: -15°C (5°F) to 54°C (129°F)
- Heating range: -30°C (-22°F) to 24°C (75°F)
- Sound levels down to 55 dB(A) on outdoor unit
- Conventional, 24 VAC thermostat control
- Eco-friendly R410A refrigerant
- All EnerMaxx ODU's have golden fin and all IDU's have blue fin
- Golden Fin Equipment – 1500 Hrs Salt Spray tested
- Blue Fin Equipment - 500 Hrs Salt Spray tested
- Industry Leading Capacity Maintenance Ratio

SYSTEM TYPE		HEAT PUMP			
Outdoor Model		ENVBR36HPJ10A		ENVBR60HPJ10A	
Indoor Model		ENVBR24HPJ11B	ENVBR36HPJ11B	ENVBR48HPJ11B	ENVBR60HPJ11B
SYSTEM PERFORMANCE					
Cooling Capacity	Btu/h	24000 (12000 - 24000)	36000 (18000 - 37000)	48000 (34000 - 48000)	54000 (35000 -54000)
Heating Capacity	Btu/h	24000 (12000 - 30000)	36000 (18000 - 38000)	48000 (34000 - 52000)	54000 (35000 - 60000)
Rated Capacity @ 8.33°C (47°F)	Btu/h	24000	36000	48000	54000
Rated Capacity @ -8.33°C (17°F)	Btu/h	16300	24000	32000	36000
Max Capacity @ -15°C (5°F)	Btu/h	24000	30000	43000	44000
Capacity Maintenance Ratio (Max -15°C (5°F) / Rated 8.33°C (47°F))		100%	83%	90%	81%
SEER / EER		20 / 12.5	18 / 11	18 / 11	17 / 10.5
HSPF / COP		10 / 4.2	10 / 3.5	10.5 / 3.6	10 / 3.45
Energy Star®		YES	NO	NO	NO
Cooling Temperature Range	°C (°F)	-15 to 54 (5 to 129)		-15 to 54 (5 to 129)	
Heating Temperature Range	°C (°F)	-30 to 24 (-22 to 75)		-30 to 24 (-22 to 75)	
OUTDOOR UNIT DATA		ENVBR36HPJ10A		ENVBR60HPJ10A	
Power Supply	VAC	208-230V / 1Ph / 60Hz			
Sound Pressure Level	dB(A)	62		61	
Control Voltage	VAC	24		24	
External Dimensions (W x H x D)	in (mm)	37 x 32 1/4 x 18 1/8 (940 x 820 x 460)		39 3/8 x 53 5/8 x 14 1/2 (1000 x 1365 x 370)	
Net Weight / Gross Weight	lbs	217 / 240		308 / 337	
Refrigerant Charge - R410A	oz	148		220.5	
Additional Charge	oz/ft	0.32		0.32	
INDOOR AIR HANDLER		ENVBR24HPJ11B	ENVBR36HPJ11B	ENVBR48HPJ11B	ENVBR60HPJ11B
Power Supply	VAC	208-230V / 1Ph / 60 Hz			
Sound Pressure Level	dB(A)	45	47	50	51
Electric Heater (Optional)	kW	5, 8, 10	5, 8, 10, 15	10, 15, 20	10, 15, 20
Air Flow	CFM	940	1000	1470	1600
External Static Pressure	In W.c.	1.0	1.0	1.0	1.0
Dehumidification	pt/hr	6.03	9.68	9.94	13.29
External Dimensions (W x H x D)	in	21 1/4 x 48 1/4 x 21 1/4		24 3/4 x 57 x 21 1/4	
Net Weight / Gross Weight	lbs	156 / 169		202 / 218	
INDOOR A COIL		ENVBR24C	ENVBR36C	ENVBR48C	ENVBR60C
External Dimensions (W x H x D)	in	17 1/2 x 23 x 21 1/4		24 1/2 x 28 1/2 x 21 1/4	
Net Weight / Gross Weight	lbs	64 / 75		95 / 110	
REFRIGERANT PIPING					
Line Set Size (Liquid - Gas) - Flared Connections	in	3/8 - 3/4			
Pre-Charge Length	ft	31			
Pipe Length (Min / Max)	ft	10 / 100			
Max. Pipe Elevation	ft	50			
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor – Commercial, 10 Years Parts and Compressor - Residential			

