

EcoHeat Series Heat Pump

Crafted for Unparalleled Comfort and Space Efficiency

We proudly introduce the Bladex EcoHeat System – a cutting-edge, side discharge smart HVAC solution designed to prioritize your comfort without compromising on space-saving efficiency. In a market saturated with expensive high-tiered inverters, our system stands out by offering a premium high-efficiency inverter at an affordable rate.

The standout feature of the Bladex Ecoheat lies in its low-profile outdoor unit, providing space-saving solutions where traditional cube-style units fall short. Seamlessly connect to ducted solutions, catering perfectly to both residential and commercial needs.

Experience superior comfort, enhanced energy efficiency, and optimal space utilization with the Bladex EcoHeat System. Elevate your indoor environment with a solution that blends state-of-the-art technology with a commitment to your well-being and space optimization.



**ENERGY
SAVING**



**QUIET
OPERATION**



**FAST HEATING
& COOLING**



**EASY TO
INSTALL**

Features and Benefits

▶ **Impressive Energy Efficiency (Up to 16 SEER2):**

This system offers exceptional energy efficiency, resulting in significant cost savings and reduced environmental impact.

▶ **Space-Saving Design:**

The compact trunk-style outdoor unit is the ideal choice when installation space is limited, providing versatility in placement.

▶ **Inverter (Variable-Speed) Compressor:**

Experience optimal indoor comfort and efficiency thanks to the inverter technology, which adjusts the compressor's speed to match your specific cooling requirements.

▶ **Quiet Operation (Low dBA):**

Reclaim outdoor space without disruptions, as this system operates quietly and minimizes noise.

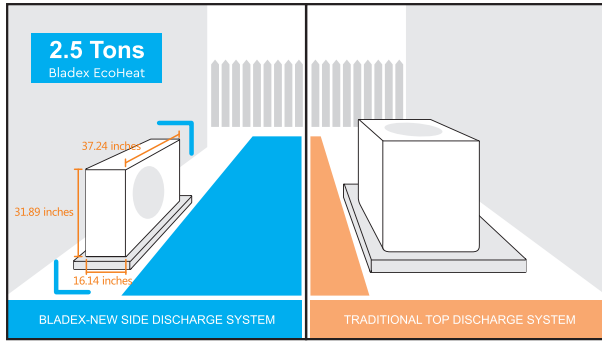
▶ **Ease of Maintenance:**

Designed for user-friendly service, the system features convenient side panel access, simplifying maintenance and upkeep.

▶ **Lightweight and Easy to Install:**

Compared to traditional cube-style systems, this system is lightweight, making it easier to handle and install, saving you time and effort.

Compact size fits any space



Thinner design and lighter weight provides unmatched flexibility to fit in any unique home space.

THE BLADEX ECOHEAT IS BACKED BY A 10-YEAR PARTS LIMITED WARRANTY* AND A 10-YEAR COMPRESSOR LIMITED WARRANTY*

Limited Warranty
10 YEARS
PARTS

Limited Warranty
10 YEARS
COMPRESSOR

*Complete warranty details available from your local dealer/contractor or at www.bladexglobal.com. To receive the 10-Year Limited Warranty, online registration must be completed within 60 days of installation.

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Capacity		1.5 TON	2 TON	2.5 TON	3 TON	4 TON	5 TON	
Indoor		BLC-24HWAC1	BLC-24HWAC1	BLC-36HWAC1	BLC-36HWAC1	BLC-48HWAC1	BLC-60HWAC1	
Outdoor		BX18-HP15ECO	BX24-HP15ECO	BX30-HP15ECO	BX36-HP15ECO	BX48-HP15ECO	BX60-HP15ECO	
Power supply (Outdoor)		V- Ph-Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	
Cooling (Standard conditions)	Capacity (range)	Btu/hr	18000(5800~18600)	24000(9800~28200)	30000(8000~33000)	36000(8000~38000)	48000(12000~48000)	53000(13000~55000)
	Input	W	1770(250~1890)	2400(380~2990)	2950(520~3780)	3875(520~4150)	5650(540~5330)	5874(550~6260)
	Current	A	7.39(1.0~8.0)	9.0(1.0~12.0)	12(2.4~16)	16.85(2.26~18)	22.3(3~22.5)	23.8(2.2~25.3)
	EER2	Btu/hr/W	10.2	10.0	10.2	9.3	8.6	9
	SEER2	Btu/hr/W	15.6	16.0	14.9	14.4	14.3	15.2
Heating (Standard conditions)	Capacity (range)	Btu/hr	18500(6500~19800)	25600(9700~31000)	31000(8000~34000)	35000(8000~40000)	51000(11000~54000)	54000(15000~63000)
	Input	W	1705(480~2100)	2246(510~3000)	2650(550~3000)	3216(600~3100)	5150(710~5580)	5050(790~5900)
	Current	A	7.64(2.0~11.0)	8.5(2.0~12.0)	10.5(2.6~12.5)	13.98(2.61~13.5)	22(3.6~22.5)	20(4.13~25)
	COP	W/W	3.18	3.34	3.32	3.19	2.90	3.13
	HSPF4	Btu/hr/W	8.6	9.8	9.3	8	8.3	8.5
HSPF5	Btu/hr/W	6.9	8.0	7.1	6.2	6.6	6.6	
Heating(H42) 5F(-15°C)	Rated capacity	Btu/hr	10400	18500	19000	20800	28000	32000
	COP	W/W	1.94	2.20	1.81	1.9	1.8	1.9
	capability ratio	%	56.22	72.27	61.29	59.43	56.86	60.38
Throttle type		/	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV
Indoor unit	Dimension(W*D*H)	mm	445x533x457	445x533x457	533x533x609	533x533x609	533x533x609	622x533x711
	Dimension(W*D*H)	inch	17.52x20.98x17.99	17.52x20.98x17.99	20.98x20.98x23.98	20.98x20.98x23.98	20.98x20.98x23.98	24.49x20.98x27.99
	Packing (W*D*H)	mm	505x650x490	505x650x490	595x650x645	595x650x645	595x650x645	690x650x745
	Packing (W*D*H)	inch	19.88x25.59x19.29	19.88x25.59x19.29	23.43x25.59x25.39	23.43x25.59x25.39	23.43x25.59x25.39	27.17x25.59x29.33
	Net/Gross weight	kg	19.4/23.6	19.4/23.6	30.2/35	30.2/35	30.2/35	39.3/44.6
	Net/Gross weight	lb	42.77/52.03	42.77/52.03	66.58/77.16	66.58/77.16	66.58/77.16	86.64/98.33
MINIMUM CIRCUIT AMPACITY(Outdoor)		A	16	19	20	24	34	34
MAX. FUSE(Outdoor)		A	20	30	35	40	50	60
Outdoor noise level		dB(A)	58	61.5	63	61.5	63	65
Throttle type		/	EEV for heating	EEV for heating	EEV for heating	EEV for heating	EEV for heating	EEV for heating
Outdoor unit	Dimension(W*D*H)	mm	805x330x554	890x342x673	946x410x810	946x410x810	952x415x1333	952x415x1333
	Dimension(W*D*H)	inch	31.69x12.99x21.81	35.04x13.46x26.50	37.24x16.14x31.89	37.24x16.14x31.89	37.48x16.34x52.48	37.48x16.34x52.48
	Packing (W*D*H)	mm	915x370x615	995x398x740	1090x500x885	1090x500x885	1095x495x1480	1095x495x1480
	Packing (W*D*H)	inch	36.02x14.57x24.21	39.17x15.67x29.13	42.91x19.69x34.84	42.91x19.69x34.84	43.11x19.49x58.27	43.11x19.49x58.27
	Net/Gross weight	kg	34.4/36.9	46.4/49.5	64.3/68.7	68.8/73.1	98.7/112.8	98.5/112.7
	Net/Gross weight	lb	75.84/81.35	102.29/109.13	141.76/151.46	151.68/161.16	217.59/248.68	217.15/248.46
Refrigerant type			R410A	R410A	R410A	R410A	R410A	R410A
Rebate Qualified			NO	YES	NO	NO	NO	NO

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

BLADEX

Earning the Right to be Our Partners' First Choice



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