

BLADEX MDV



MDV

Air Source Heat Pump

Your Ultimate Partner in Advanced Air Source Heat Pumps.

-30°C 

CONTINUOUS OPERATION
as Cold as -30°C

Limited Warranty
10 YEARS
PARTS

Limited Warranty
10 YEARS
COMPRESSOR



Real Inverter Benefits For All

Enjoy Real Inverter

with the BLADEX
Inverter Heat Pump Condenser



UP TO 30% ENERGY SAVING

High efficiency Inverter compressor that ensures both energy saving & comfort



QUIET OPERATION

As low as 59 dBA with a 1.5 ton BLADEX inverter heat pump



FAST HEATING & COOLING

Faster comfort with our advanced compressor activation technology



Ingenious Flexibility

100%

HEATING OUTPUT
down to -20°C with COP up to 2.0

-30°C

CONTINUOUS OPERATION
as Cold as -30°C

Multiple Heating Solutions



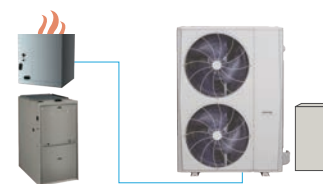
Extreme Heat Pump

Traditional heat pump systems may encounter lockout in severe conditions, but this is definitely not the case for the BLADEX line of heat pumps. BLADEX Heat Pumps are able to deliver 100% heating output at 5°F, ensuring uninterrupted warmth for moderate winters. For areas that experience extreme cold, Midea offers a top-notch solution – The BLADEX Extreme. The BLADEX Extreme condenser unit is capable of delivering 100% or more heating output down to -4°F, also offering superior heating performance down to -22°F, outdoor temperatures.

Dual Fuel Compatibility

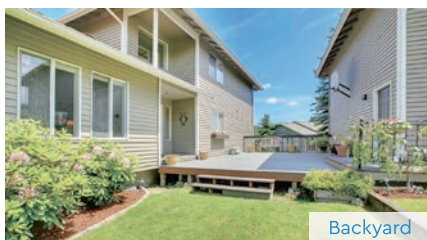
For colder months or optimizing operational cost, BLADEX systems can also be paired with existing gas furnaces to provide a reliable source of heat under the most extreme climates.

Acoil+Furnance Heating

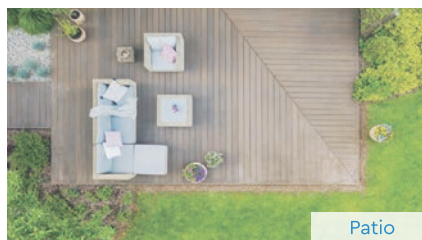


Compact Size Fits Any Space

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



Backyard



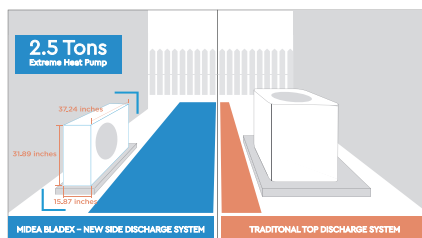
Patio



Zero Lot Line



Roof/Terrace/Balcony



MIDEA BLADEX - NEW SIDE DISCHARGE SYSTEM

TRADITIONAL TOP DISCHARGE SYSTEM

>> Fit more in your tech van or truck; 4-5 BLADEX units as opposed to 1 or 2 traditional

>> Easy to bring to the installation site and install on pad – the single fan unit can be transported by a single worker

ASHP w/ A Coil

Indoor			MAC-24HWDN1-MN0	MAC-24HWDN1-MN0	MAC-36HWDN1-MN0	MAC-36HWDN1-MN0	MAC-48HWDN1-MN0
Outdoor			MOX430U-18HFN1-M	MOD30-24HFN1-MW	MOD30U-30HFN1-MR0(X)	MOE31U-36HFN1-M	MOE30U-48HFN1-M-[X1]
Power supply (Outdoor)		V- Ph-Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208/230V,1Ph, 60Hz	208And230V_1Ph, FREQUENCY_60HZ	208/230V,1Ph, 60Hz
Cooling (Standard conditions)	Capacity (range)	Btu/hr	18000(9600~22000)	24000(10000~28400)	30000(9900~35000)	36000(11700~40000)	46000(12300~47000)
	Input	W	1538(450~2100)	2247(380~2600)	2855(660~3720)	3530(800~5000)	5400(560~5720)
	Current	A	7.0(2.2~8.22)	9.43(2.33~10.68)	11.1(3.10~14.4)	14.8(3.5~21)	22.5(2.4~25.3)
	EER2	Btu/hr/W	11.7	10.7	10.5	10	8.6
	SEER2	Btu/hr/W	16.5	16.8	15.5	15.2	14.3
Heating (Standard conditions)	Capacity (range)	Btu/hr	19000(6000~23600)	25000(9600~33400)	33000(9000~37000)	39000(9200~50000)	51000(15000~59000)
	Input	W	1610(470~2200)	2233(510~3160)	2850(640~3300)	3600(800~5000)	5020(800~6200)
	Current	A	8.5(2.4~9.6)	9.30(3.01~12.92)	11.0(3.00~13)	15.65(3.5~21)	21.5(4~25.5)
	COP	W/W	3	3	3	3	3
	HSPF2 Region IV	Btu/hr/W	10	10	9.7	10	9.0
	HSPF2 Region V	Btu/hr/W	7.8	7.7	7.7	8	7.5
Heating (H42) 5F(-15°C)	Rated capacity	Btu/hr	15000	20000	27000	32000	40000
	COP	W/W	2.20	1.95	1.85	2	1.8
	Capability ratio	%	78.95	81.20	81.82	80.00	78.43
Throttle type		/	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling	TXV for cooling
Indoor unit	Dimension (W*D*H)	mm	445×533×457	445×533×457	533×533×609	533×533×609	533×533×609
	Dimension (W*D*H)	inch	17.52×20.98×17.99	17.52×20.98×17.99	20.98×20.98×23.98	20.98×20.98×23.98	20.98×20.98×23.98
	Packing (W*D*H)	mm	505×650×490	505×650×490	595×650×645	595×650×645	595×650×645
	Packing (W*D*H)	inch	19.88×25.59×19.29	19.88×25.59×19.29	23.43×25.59×25.39	23.43×25.59×25.39	23.43×25.59×25.39
	Net/Gross weight	kg	19.4/23.6	19.4/23.6	30.2/35	30.2/35	30.2/35
	Net/Gross weight	lb	42.77/52.03	42.77/52.03	66.58/77.16	66.58/77.16	66.58/77.16
Outdoor noise level		dB(A)	57	63.5	62	61	64
Throttle type		/	EEV for heating	EEV for heating	EEV for heating	EEV for heating	EEV for heating
Outdoor unit	Dimension (W*D*H)	mm	890×342×673	946×410×810	946×410×810	952×415×1333	952×415×1333
	Dimension (W*D*H)	inch	35.04×13.46×26.50	37.24×16.14×31.89	37.24×16.14×31.89	37.48×16.34×52.48	37.48×16.34×52.48
	Packing (W*D*H)	mm	995×398×740	1090×500×885	1090×500×885	1095×495×1480	1095×495×1480
	Packing (W*D*H)	inch	39.17×15.67×29.13	42.91×19.69×34.84	42.91×19.69×34.84	43.11×19.49×58.27	43.11×19.49×58.27
	Net/Gross weight	kg	46.7/49.8	62/66	72.5/77	103/116	99.9/112.9
	Net/Gross weight	lb	102.95/109.79	136.69/145.50	159.83/169.75	227.07/255.73	220.24/248.90
Refrigerant type			R410A	R410A	R410A	R410A	R410A

BLADEX MDV

Earning the Right to be Our Partners' First Choice



Website : www.bladexglobal.com
Email : info@bladexglobal.com