

BLADEX



XHeat

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



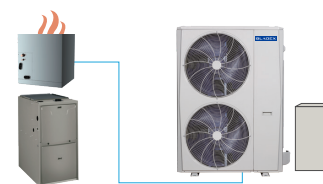
Extreme Heat Pump

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

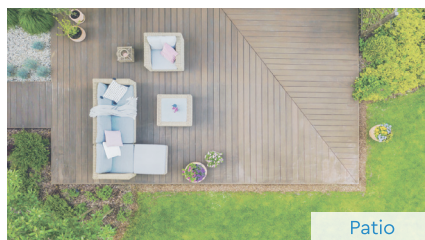


Compact Size Fits Any Space

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



Backyard



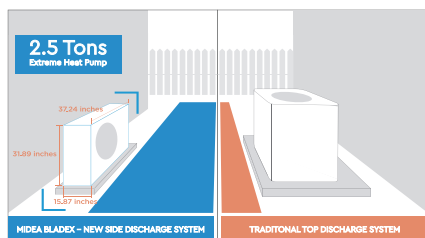
Patio



Zero Lot Line



Roof/Terrace/Balcony



2.5 Tons
Extreme Heat Pump

32.26 inches

31.89 inches

15.57 inches

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

Xheat + A Coil

| Indoor | | | BLC-24HWAC1 | BLC-24HWAC1 | BLC-36HWAC1 | BLC-36HWAC1 | BLC-48HWAC1 |
|----------------------------------|-------------------|----------|--------------------|--------------------|--------------------|--------------------------------|--------------------|
| Outdoor | | | BX30U-18HPHYHA | BX30-24HPHYHA | BX30U-30HPHYHA(X) | BX31U-36HPHYHA | BX30U-48HPHYHA |
| 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

Earning the Right to be Our Partners' First Choice



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