

Monthly Newsletter



WHAT ARE ARCTIC HEAT PUMPS?

Arctic Heat Pumps are advanced air-to-water systems designed for high-efficiency heating and cooling in extreme climates. Built with Enhanced Vapor Injection (EVI) and inverter-driven compressors, they maintain strong performance even in temperatures as low as -30°C (-22°F).



WHY THEY MATTER

These systems provide a complete, all-in-one solution for modern hydronic applications:

- ✓ Radiant floor heating
- ✓ Domestic hot water (DHW)
- ✓ Fan coil systems
- ✓ Pool & spas

Instead of multiple systems, Arctic delivers everything from a single, integrated platform.



KEY BENEFITS

- ✓ Operates reliably in extreme cold climates
- ✓ Provides both heating & cooling
- ✓ Save up to \$1,500-\$3,000 per year vs. traditional systems
- ✓ Seamless integration with radiant, fan coils, and DHW
- ✓ Advanced inverter + EVI technology for maximum efficiency

In This Newsletter

Pool & Spa Heat Pumps (B Series)

Radiant Heating (BE Series + EVI Technology)

Fan Coil Systems

Heat Pump Water Heating

HBX ECO-0600 Controls

System Design Services



CONNECTS WITH AIR HANDLERS

Arctic Heat Pumps can easily connect with air handlers, providing an efficient solution for ducted heating and cooling in any space.



ARCTIC HEAT PUMP APPLICATIONS

Pool Sizing Guide

Find the right Arctic Heat Pump for your pool or hot tub.

Use these guides to match your pool or hot tub size with the appropriate Arctic Heat Pump. Sizing is based on typical climate conditions to help ensure efficient, reliable year-round performance.



SELECTION GUIDE - INGROUND POOLS

DIMENSIONS	SQUARE FEET	LITRES	US GALLONS	USE OF SOLAR BLANKET	SUNNY AREA	SHADY AREA
10' X 20'	200	27,001	7133	025ZA/B	025ZA/B	025ZA/B
11.5' X 23'	253	36,998	9774	025ZA/B	025ZA/B	040ZA/B
12' X 24'	288	47,999	12,680	040ZA/B	040ZA/B	040ZA/B
14' X 28'	392	61,001	16,115	040ZA/B	040ZA/B	060ZA/B
16' X 32'	512	75,000	19,813	060ZA/B	060ZA/B	060ZA/B
18' X 36'	648	91,000	24,040	060ZA/B	060ZA/B	080ZA/B
20' X 40'	800	108,001	28,531	080ZA/B	080ZA/B	080ZA/B

SELECTION GUIDE - HOT TUBS

DIMENSIONS	SQUARE FEET	LITRES	US GALLONS	USE OF INSULATED COVER
4' X 4'	16	1552	410	015ZA/B
4' X 5'	20	2119	560	015ZA/B
4' X 6'	24	2763	730	025ZA/B
4' X 7'	28	3634	960	025ZA/B



POOL & SPA HEATING B SERIES

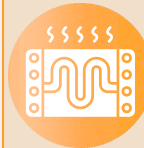


The Arctic B Series is designed for efficient pool and spa heating, delivering reliable outdoor performance.

- ✓ Ideal for residential & commercial pools
- ✓ Quiet, energy-efficient operation
- ✓ Performs in a wide range of conditions
- ✓ Easy integration with existing systems



Extend swim seasons while reducing energy costs.



Radiant Heating BE Series

(EVI TECHNOLOGY)



The Arctic BE Series delivers reliable radiant heating—even in extreme cold.

With EVI technology, it maintains performance in sub-zero conditions.

- ✓ High efficiency
- ✓ Ideal for radiant systems



A smart boiler alternative



Complete System Integration

Arctic Heat Pumps go beyond heating—they provide a complete hydronic solution.

From space heating and cooling to domestic hot water, these systems are designed to work seamlessly with fan coils, storage tanks, and smart controls to deliver total comfort and efficiency.

With advanced controls like the HBX ECO-0600, Arctic systems provide precise temperature control and easy multi-zone integration.

Ideal for retrofit or new construction, they deliver a fully integrated, high-performance solution.



HOT WATER HEAT PUMPS

Efficient, all-in-one hot water solution using air-to-water technology.

300-400% efficiency for lower energy costs.

- ✓ Energy-saving performance
- ✓ Built-in smart controls
- ✓ Durable stainless steel



AVAILABLE SIZES:

50 GALLON | 80 GALLON



FAN COILS & COOLING

Arctic systems pair with fan coils to deliver heating and cooling from one system.

- ✓ Year-round comfort
- ✓ Quiet, efficient operation

A simple solution for complete climate control.



CONTROLS & DESIGN SUPPORT

The HBX ECO-0600 provides advanced control for hydronic systems.

- ✓ Multi-zone control
- ✓ Easy integration
- ✓ Improved efficiency

CONTROLS UP TO 4 HEAT PUMPS AT A TIME

Backed by custom design support for optimal performance.



1-8.5 TON
SIZES AVAILABLE



PROFESSIONAL SYSTEM DESIGN SERVICES

Tailored to Your Project

Planning a new system or upgrading an existing one? **Arctic's design team** can create a custom solution built for efficiency, reliability, and long-term performance.



CUSTOMIZED FOR YOUR NEEDS

Every project is unique. Arctic designs systems specifically for your building, goals, and budget.



ACCURATE & RELIABLE

Detailed load calculations and equipment selection ensure your system is properly sized and optimized.



COMPLETE DESIGN PACKAGE

Receive a comprehensive design package including layouts, piping schematics, equipment schedules, and more.



EXPERT SUPPORT

Arctic's engineering team supports your project from concept through completion.



AVAILABLE FOR AN ADDITIONAL FEE

Professional design services are provided by Arctic for an **added cost**.

Pricing is based on project size at **\$0.18 per square foot**.



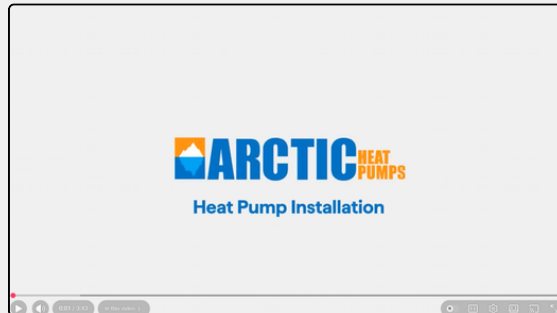
Design fees are **fully refunded** with the purchase of a complete system package.

Contact us to learn more or request a quote for your project.



Arctic Heat Pump Installation Video

See how Arctic systems come together →



Scan to Watch Installation Video



OUR INDUSTRY PARTNERS



Let's Connect



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