



# Ideal comfort. Intelligent technology.

## The I-TEC™. Only from Bard.

The Bard I-TEC classroom climate system provides superior indoor air quality and the ultimate in **quiet** operation. Vented above the sill at window level, the unit is designed to be **aesthetically pleasing**, blending into the classroom, and preserving the integrity of the building's architectural design. With unparalleled Bard **quality**, innovative technology and value, we invite you to experience the I-TEC difference.



[Quiet](#) | [Aesthetics](#) | [Features](#) | [Accessories](#) | [Service](#) | [Installation](#) | [Comparison](#) | [Integrity](#)



# INCREDIBLY QUIET.

You might forget it's there.

For years Bard has been on a mission:  
to create the quietest climate management system for classrooms. The I-TEC™ is the new generation of quiet technology, managing the environment at sound levels far below the industry norm. At the same time, the I-TEC delivers fresh air to the classroom and controls temperature and humidity swings with precise accuracy.

Good indoor air quality and quiet operation are key elements in creating the optimum learning environment. The I-TEC provides both.



*Bard Manufacturing Company's focus on quality is unparalleled. The I-TEC is no exception. Prototypes were subjected to hundreds of hours of testing in a sound lab, then fine tuned until they met the stringent expectations of Bard engineers.*





# INTELLIGENT TECHNOLOGY. Appeals to the aesthetics.

Both inside and out, Bard designed the I-TEC™ to blend into the environment. It's a classroom climate system that delivers without distracting. Inside the classroom, the front of the I-TEC appears very similar to a two-door storage cabinet. The I-TEC cabinet color options compliment most standard office and classroom furniture. The louvers are molded right in, offering clean lines with minimal visual distractions.

## Architecture. Versatility.

Outside the building, the I-TEC vents above sill level, preserving the integrity of the architecture. The fan and other normally visible components have been coated to eliminate reflective surfaces, making the inner workings of the unit blend in with the louver. Attention to every detail inside and out as it relates to functionality and appearance makes the I-TEC the most intelligent choice.



*Architects, designers, and school administrators agree – the Bard I-TEC is as aesthetically appealing as it is efficient and dependable.*



# INNOVATIVE FEATURES.

Amazing benefits.

Scroll over the unit to explore various options.





# CUSTOMIZED SOLUTIONS.

## Accessories and available options.

### Models

- Standard
- Dehumidification

### Wall Sleeve

- Over the sill or through the window wall penetration
- Telescoping to adjust for different wall thickness
- Optional Hurricane Wall Sleeve available
  - 6" to 27", 3 models

### Outdoor Louver

- Standard Louver Finishes
  - Clear Aluminum
  - Medium Bronze
  - Dark Bronze
- Optional Custom Louver Finishes
- Options Hurricane Louvers available

### Electric Heat Factory or Field Installed Options

- 4 – 20 kw based on models
- Optional Hot Water Plenum Box
  - Free blow or ducted

### Ventilation Options

- Blank Off Plate
- Commercial Room Ventilator (CRV)
- Energy Recovery Ventilator (ERV) with Economizer Feature

### Filter Options

- Standard
  - MERV 8 – 2" Pleated
- Optional
  - MERV 11 – 2" Pleated
  - MERV 13 – 2" Pleated

### Riser Base Options

- 3" and 6"

### Cabinet Finish Options

- Vinyl
  - Light Vinyl
  - Dark Vinyl
- Painted Finishes
  - Beige
  - White
  - Gray

### Coil Treatment Options

- Standard (Green Coil)
- Optional
  - Technicoated Indoor Coil
  - Technicoated Outdoor Coil
  - Technicoated Indoor & Outdoor Coil

### Control Modules

- Standard
  - HPC, LPC, Heat Pump Control Board, Modulating LAC

### Plenum Boxes

- Non Ducted Accoustical
- Ducted Accoustical
- Optional Hot Water Coils
  - Non Ducted or Ducted

### Cabinet Extensions

- Finished ceiling height 9' 6" to 10' 2"
  - ICX9 20" high
  - ICX10 28" high

### Climate Control Options

- 8403-060 Digital Thermostat
- 8403-056 CO<sub>2</sub> Sensor
- CompleteStat
  - Temp/Humidity/Occupancy – BACnet
  - Temp/Humidity/Occupancy/CO<sub>2</sub>- – BACnet
  - Temp/Humidity/Occupancy – BACnet and Ethernet
  - Temp/Humidity/Occupancy/CO<sub>2</sub>- – BACnet and Ethernet



# IDEAL SERVICEABILITY.

Routine maintenance is easy.



*Filters simply slide in and out, making routine maintenance fast and easy.*

*The easily accessed electrical panel is designed with multiple connections for optional accessories.*

*Bard equips every I-TEC with locking "Anti-Huffing" caps to help keep children safe.*

*Bard designed the interior of the I-TEC™ to allow for easy access to all of the components from inside the building.*

*Once unlocked, the doors and sides can easily be removed, allowing unrestricted access to the entire unit.*



# INSTALLATION ADVANTAGE.

## Convenient and versatile.

For schools looking to optimize their return on investment, the I-TEC™ is the most cost effective choice for new schools and renovations. In tight remodel situations, the I-TEC can be quickly disassembled into two sections and re-assembled right in the classroom. In fact, when disassembled, the unit will fit in an elevator when you're installing on an upper floor! The unit was designed for multiple placement options, even in corners or against other furnishings in the room.

### Schools love Bard.

“Our experience with the Bard units and their experience working with schools, plus the ease with which their products can be serviced, make Bard an easy choice.”

– Rufus Rogers, Director of Building and Grounds, Newberry County Schools



*The versatility of the I-TEC makes it the ideal choice for progressive architects looking for an excellent solution to any interior or exterior challenge.*



# COMPETITIVE COMPARISON.



*“Bard’s experience working with school systems around the country helped us design, engineer, and install the best system we could have hoped for. Teachers love the control, and we like the simplicity of installation.”*

*– Phil Couch, Maintenance Director and Assistant Superintendent*



# INTEGRITY.

## Bard value is built in.

The I-TEC™ is the next generation in a long line of quality products developed to satisfy the unique needs of the classroom. Bard understands the importance of providing a comfortable and healthy environment for both students and teachers. Noise, heat, humidity, and inadequate ventilation can take a toll on learning. This understanding is what has made Bard the choice for classrooms nationwide.

### Reliability you can count on.

Bard engineers heating and cooling systems that last. Each and every unit is quality tested prior to delivery. Energy consumption, pressure testing, and BTU output are just a few of the tests performed. Our commitment to quality goes beyond industry standards, so our customers enjoy years of dependable service.



*Since 1914, Bard has combined the time-honored principles of quality with tomorrow's technological advances to deliver high-performance heating and cooling products all over the world.*

*Bard Manufacturing Company is committed to continual improvement, delivering the highest quality equipment at the best value.*



Bard Manufacturing Company, Inc.  
1914 Randolph Dr., Bryan, OH 43506  
Form # S3450 | January 2012  
[www.bardhvac.com](http://www.bardhvac.com)