

# Arctic Pure Plus

## Premium Water Filters for Ice Machines

Arctic Pure Plus  
Premium Water Filters for Ice Machines

Models  AR-PRE-P  AR-10000-P  AR-20000-P  AR-40000-P



AR-PRE-P



AR-10000-P



AR-20000-P



AR-40000-P

- |  |   |  |   |
|--|---|--|---|
| <ul style="list-style-type: none"> <li>• Pre-filter, removes hard sediments, sand, dirt and rust from water, and protects solenoids, valves and inlets to the ice maker</li> <li>• Compatible with all models</li> </ul> | <ul style="list-style-type: none"> <li>• Chlorine Reduction</li> <li>• SLOW PHOS scale inhibitor</li> <li>• 0.5 Microns filtration</li> <li>• 15,000 gallon capacity</li> <li>• Models 0-600 lbs/day</li> </ul> | <ul style="list-style-type: none"> <li>• Chlorine Reduction</li> <li>• SLOW PHOS scale inhibitor</li> <li>• 0.5 Microns filtration</li> <li>• 20,000 gallon capacity</li> <li>• Models 601-1000 lbs/day</li> </ul> | <ul style="list-style-type: none"> <li>• Chlorine Reduction</li> <li>• SLOW PHOS scale inhibitor</li> <li>• 0.5 Microns filtration</li> <li>• 40,000 gallon capacity</li> <li>• Models 1001-2500 lbs/day</li> </ul> |
|--|---|--|---|

### Standard Features and Benefits

- 95% average reduction of chlorine from incoming water supply assures the ice tastes and smells fresher, clearer and more enjoyable
- Silver impregnated carbon block provides antimicrobial protection against potential bacteria microorganisms, algae, mold and slime on ice machine surfaces
- Engineered with SLOW PHOS (slowly soluble polyphosphate) to inhibit scale formation and corrosion
- Reduces dirt, submicron particles (down to 0.5 microns) and eliminates contaminants such as cryptosporidium and giardia cysts.
- Ultra-fine filtration (0.5 Microns) with silver impregnated carbon block and slowly soluble polyphosphates provides triple protection from harmful contaminants that can affect your ice machine's performance
- Reduces ice machine cost and maintenance frequency by reducing scale, impurities, and contaminants that can enter the machine.
- Extends the life of the ice machine, when the filters are changed every 6 months or when water pressure is below 35 psi.
- Optimizes the daily performance of the machine, allowing it run at full capacity producing the freshest and purist ice possible
- Cartridges are easy to install, safe, sanitary and can be changed out rapidly, "on the fly" without turning off the water supply
- **Certified to NSF/ANSI Standard 42, 53, 372, and CSA B483.1** by IAPMO and meets CUPC requirements.

### IAPMO R&T Certifications

| System Model # | Replace. Cartridge | Std. 42 Claims           | Std. 53 Claims | Chlorine Red. Cap |
|----------------|--------------------|--------------------------|----------------|-------------------|
| AR-PRE-P       | K00496             | Part. Class 3            | None           | None              |
| AR-10000-P     | K00493             | Chlorine & Part. Class 1 | Cyst           | 15,000 gal        |
| AR-20000-P     | K00494             | Chlorine & Part. Class 1 | Cyst           | 20,000 gal        |
| AR-40000-P     | K00495             | Chlorine & Part. Class 1 | Cyst           | 40,000 gal        |

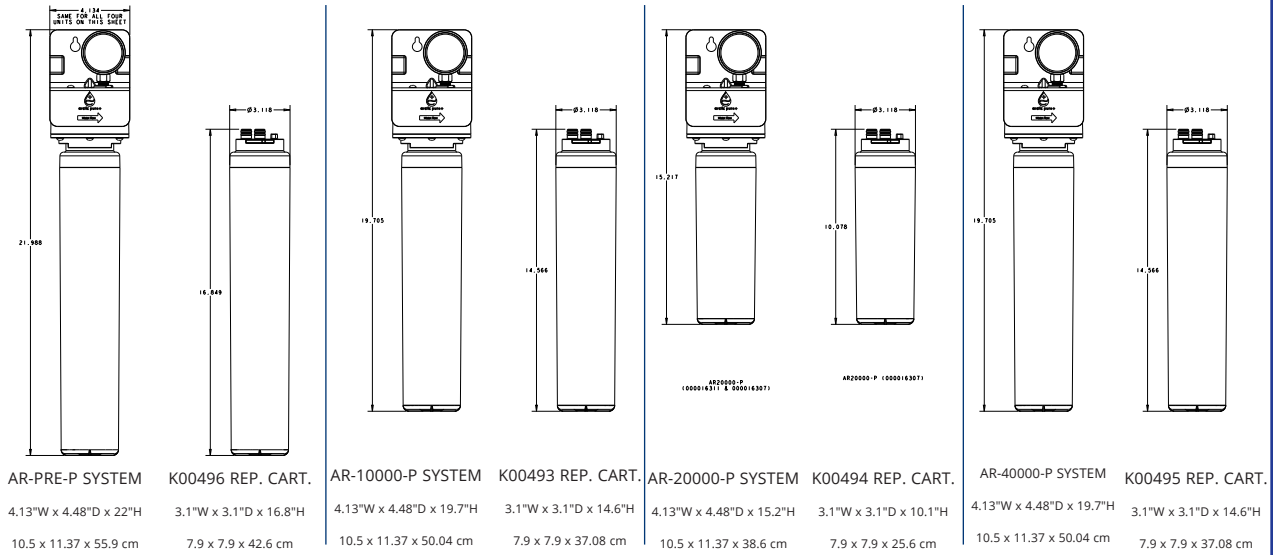
- CSAB483.1:For Canadian water standards
- \*NSF/ANSI 53 cyst claim only valid at or below rated flow rate
- Warning : Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfections before or after the unit. For cold water use only. Not for residential use.

### Warranty

3-Year parts and labor warranty on head, shroud, hardware, and mounting assembly.  
(water filter cartridge not included).  
Residential Warranty - 1 Year



## Dimensions



## Usage Matrix

| Filter System<br>(Replacement Cartridges)   | AR-PRE-P<br>(K00496) | AR-10000-P<br>(K00493) | AR-20000-P<br>(K00494) | AR-40000-P<br>(K00495) |
|---|----------------------|------------------------|------------------------|------------------------|
| All Under Counters (Cubers, Flakers & Nuggets)<br>Counter Top Nugget  | X                    | X                      |                        |                        |
| Modular Cubers: IT0300-IT750, IBF0620<br>Modular Flaker: RFF0320<br>Modular Nugget: RNF320  | X                    | X                      |                        |                        |
| Modular Cubers: IT0900, IBF0820C & IBT1020C<br>Modular Flaker: RFF0620 RFF1220C, RFF1300<br>Modular Nuggets: RNF0620, RNF1020C, RNF1100 | X                    |                        | X                      |                        |
| Modular Cubers: IT1200, IT1500 & IT1900, IF1400C & IF1800C<br>Modular Flaker: RFF2200C<br>Modular Nugget: RNF2000C                      | X                    |                        |                        | X                      |

## Specifications and Shipping

| System     | Replacement Cartridge | Filtration level | Capacity gal | Service Flow Rate (max. gpm (lpm)) | Operating Air Temp F (C)   | Operating Water Temp F (C) | Operating Pressure psi (bar) | Mtg. Holes from Center in (cm) | Approx. Shipping Weight lbs (kg) | Qty System Lots | Qty Cartridge Lots |
|------------|-----------------------|------------------|--------------|------------------------------------|----------------------------|----------------------------|------------------------------|--------------------------------|----------------------------------|-----------------|--------------------|
| AR-PRE-P   | K00496                | 5 Micron         | NA           | 1.5 (5.7)                          | 40°-110°F<br>(4.4°- 43.3°) | 40°-90°F<br>(4.4°- 32.2°)  | 35 -125<br>(2.41-8.61)       | 1.5 (3.81)                     | 4 (1.81)                         | 6               | 12                 |
| AR-10000-P | K00493                | 0.5 Microns      | 15,000       | 0.75 (2.84)                        |                            |                            |                              | 1.5 (3.81)                     | 5 (2.26)                         | 6               | 12                 |
| AR-20000-P | K00494                | 0.5 Microns      | 20,000       | 1.25 (4.73)                        |                            |                            |                              | 1.5 (3.81)                     | 4 (1.81)                         | 6               | 12                 |
| AR-40000-P | K00495                | 0.5 Microns      | 40,000       | 2.0 (7.6)                          |                            |                            |                              | 1.5 (3.81)                     | 5 (2.26)                         | 6               | 12                 |

### Installation Tips

- Install vertically with cartridge hanging down
- Allow 2.5" (6.35cm) clearance below the cartridge for easy replacement
- Flush cartridge by running water through filter for ten (10) minutes
- Use copper or polyethylene 3/8" hose for Quick Connect fitting
- Always follow local plumbing codes

### Operation Tips

- Change cartridge every 6 months or when pressure gauge indicates below 35 psi ( which ever comes first)
- Twist 1/4 turn to left to remove cartridge. Twist 1/4 turn to the right to install cartridge ( Water can be left on)
- Protect from freezing—Failure to do so may result in cracking of the filter housing and cause water leakage
- When using non-Manitowoc ice makers, consult the ice machine's manufactures for water supply usage requirements.
- It is recommended to have your water supply tested by a professional to determine your water treatment needs.

Welbilt reserves the right to make changes to the design or specifications without prior notice.