

# 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 20 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.

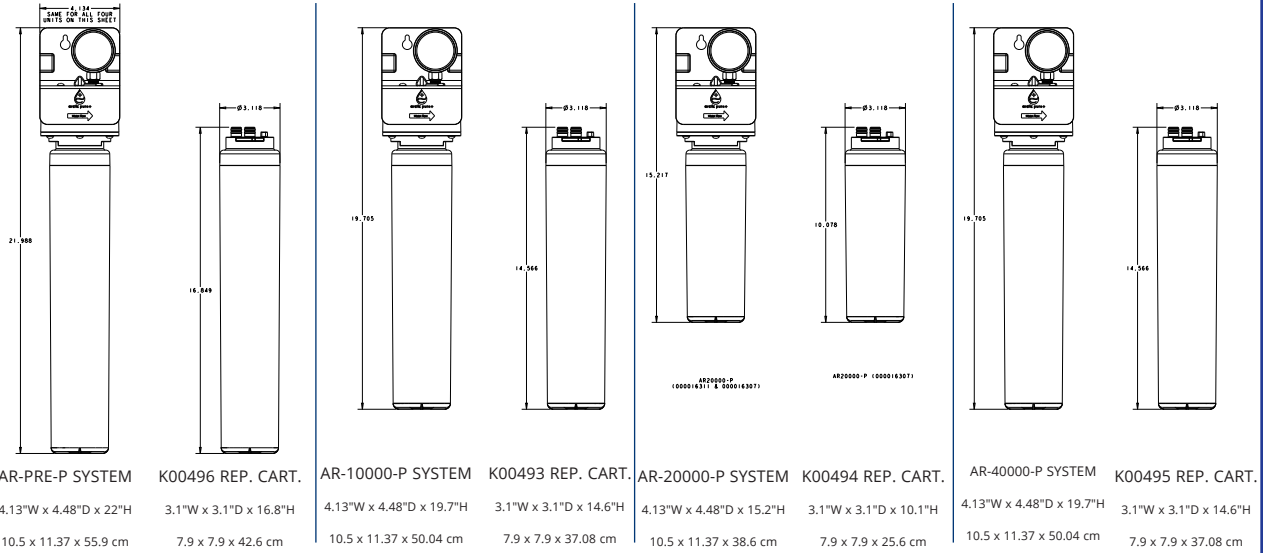
**Note on Pre-filter:** A pre-filter is recommended for all applications to achieve maximum filtration efficiency and cartridge life.

### 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 (Replacement Cartridges)	AR-PRE-P (K00496)	AR-10000-P (K00493)	AR-20000-P (K00494)	AR-40000-P (K00495)
All Under Counters (Cubers, Flakers & Nuggets) Counter Top Nugget	X	X		
Modular Cubers: IT0300-IT750, IBF0620 Modular Flaker: RFF0320 Modular Nugget: RNF320	X	X		
Modular Cubers: IT0900, IBF0820C & IBT1020C Modular Flaker: RFF0620 RFF1220C, RFF1300 Modular Nuggets: RNF0620, RNF1020C, RNF1100	X		X	
Modular Cubers: IT1200, IT1500 & IT1900, IF1400C & IF1800C Modular Flaker: RFF2200C 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 (4.4°- 43.3°)	40°-90°F (4.4°- 32.2°)	35 -125 (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 20 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.