



Arctic Pure Plus

Premium Water Filters for Ice Machines



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

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.

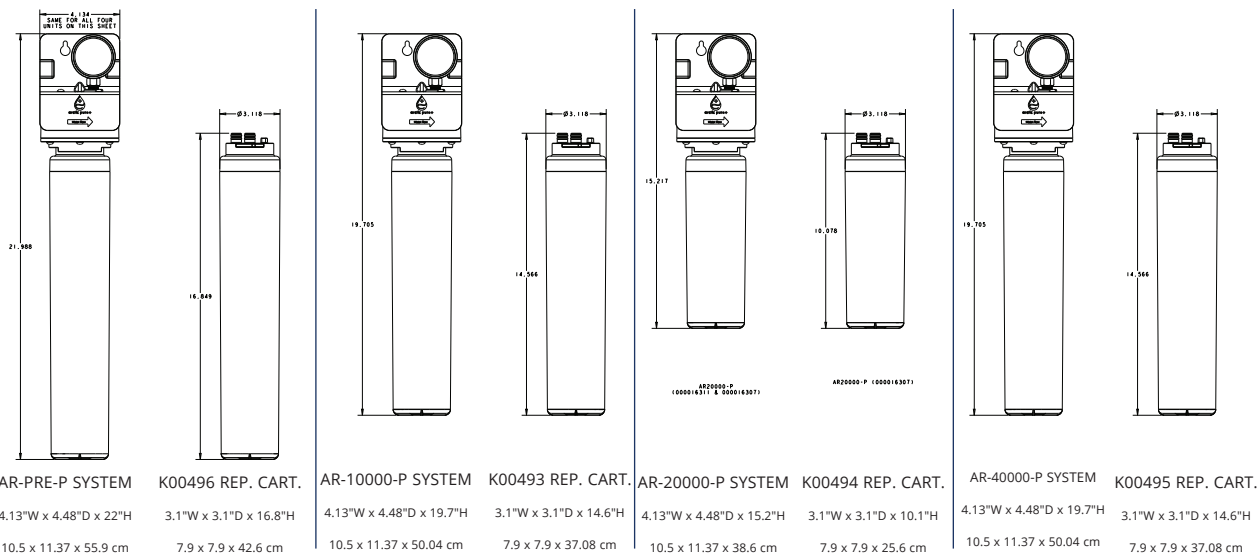
Note on Pre-filter: A pre-filter is recommended for all applications to achieve maximum filtration efficiency and cartridge life.

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 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.

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