

# Water Filter Systems

# Arctic Pure Plus



The AR-10000-P, AR20000-P and AR40000-P provide ultra fine filtration (0.5) to provide triple protection from harmful contaminants that can affect your machine and your ice.

- Provides 0.5 micron of filtration.
- 95% average Chlorine reduction.
- Silver-impregnated carbon block provides bacterial protection.
- SLO PHOS (slow dissolving phosphates) prevents scaling.
- NSF/ANSI Standard #42 Aesthetic Effects (Chlorine, Taste and Odor).
- NSF/ANSI Standard #53 Health Effects (Cysts).



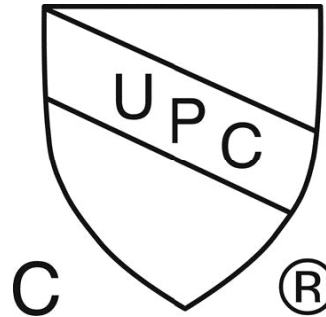
**NOTE:** Arctic Pure Plus water filtration systems are not compatible with Arctic Pure water filtration systems.

WATER FILTER SIZING GUIDE				
Filter Systems - (Replacement Cartridges)	AR-PRE-P (K00495)	AR-10000-P (K00493)	AR-20000-P (K00494)	AR-40000-P (K00495)
All UnderCounters (Cubers, Flakers & Nuggets) Counter Top Nuggets	X	X		
Modular Cubers: IT0300-IT0750, IBF0620 Modular Flaker: RFP0320 Modular Nugget: RNP0320	X	X		
Modular Cubers: IT0900, IBF0820C, IBT1020C Modular Flaker: RFP0620, RFF1220C, RFF1300 Modular Nuggets: RNP0620, RNF1020C, RNF1100	X		X	
Modular Cubers: IT1200, IT1500, IT1900, IF1400C, IF1800C Modular Flaker: RFF2200C Modular Nugget: RNF2000C	X			X

**NOTE:** ARCTIC PURE PLUS AND ARCTIC PURE CARTRIDGES ARE NOT COMPATIBLE.



Arctic Pure Plus water filters are tested and certified to NSF standard 42 & 53 by IAPMO R&T (International Association of Plumbing and Mechanical Officials Research and Testing) a third party listing agency establish in 1936 specializing in plumbing and mechanical products. It is accredited by the American Nations Standards Institute (ANSI) Standards Council of Canada (SCC) and Entidad Mexicana de Acreditacion (EMA) and the Comision Nacional de Agua (CONAGUA)



Arctic Pure Plus is approved by the UPC ( Uniform Plumbing Code) for the US and Canada as a model code developed to govern the installation and inspection of plumbing systems as a means of promoting public health, safety and welfare.

**Warranty:**

- 3 - Year parts and labor warranty on head, shroud, hardware and mounting assembly ( cartridge not included).
- Intended for commercial use. Residential warranty 1 year.

Manitowoc ICE : 2110 South 26th Street, Manitowoc, WI 54220, phone : 920-683-7703 #7940/01/2022

# MANITOWOC

## Arctic Pure Plus

Premium Water Filter for Ice Machines



arctic pure+

*America's best ice machines deserve the best water filters.*

www.manitowocice.com  
7940B 06/22

# Pre-filter System



AR-PRE-P Pre-filter is used to remove hard sediments, sand, dirt and rust in the water which may be present when connecting to old pipes or wells.

A pre-filter protects the ice machine solenoids, valves and inlets to the ice machine improving performance and increasing the life of the water filter.

- Use with all models
- Provides 5 micron of filtration
- NSF/ANSI Standard # 42 Aesthetic Effects
- Reduces-Particulate class III reduction
- Replacement cartridge # K00496

### Note on Pre-Filter:

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



Arctic Pure Plus cartridges have a proprietary locking mechanism. Replacement cartridges are unique to this filter system and are sold exclusively through Manitowoc authorized distributors.

Cartridges are easy to install. Twist 1/4 turn to the right to lock into place, and 1/4 turn to the left to remove. You can change " on the fly" without turning off the water supply.



The heavy duty manifold comes with a water pressure gauge with a tattle tale needle to track the water pressure highs and lows. There is a vent tube to direct water in the line downward when changing the cartridge while the water is still on .

# Water Filter Systems

### Benefits of Water filtration:

- 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 daily performance of the ice machine, allowing it to run at full capacity producing the freshest and purist ice possible.

### Tips and Tricks for better installation:

- Always install vertically with cartridge hanging down.
- Allow 2.5" (6.25cm) clearance below the cartridge for easy replacement.
- Flush the cartridge by running water through the filter for 10 minutes before connecting to the ice machine.
- Use copper or polyethylene 3/8" hose for quick connect fittings.
- Always follow local plumbing codes.

### Operational Tips:

- Change cartridge (s) on a regular six (6) month basis or when water pressure is under 20 psi, which ever comes first.
- Protect from freezing - failure to do so may result in cracking of the filter housing and cause water leakage.
- When using on 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.