



AR-10000

Over 60% of ice machine maintenance calls are water-related! ArcticPure™ water filters are designed exclusively for ice machine applications and will reduce these calls.

- **Built-in scale inhibitor** (siliphos) is designed into the filters to reduce scale build-up even under the hardest water conditions.
- **Reduces chlorine taste and odor.** All filtration and scale reduction material is FDA compliant and is engineered to reduce chlorine taste and odor. Ice looks and tastes better.
- **Graded density carbon block filter** provides superior dirt holding capacity and fine sediment reduction.
- **Sanitary quick change housing.** Design minimizes contamination of filter media during filter cartridge change-out. All filters are provided with automatic shut-off and pressure relief valves.

Manitowoc Arctic Pure



AR-PRE
5-micron nominal pre-filter, dirt and rust sediment reduction



AR-10000
10,000 gal. capacity
20 grams siliphos
Lbs. of ice per day 0-250



AR-20000
20,000 gal. capacity
40 grams siliphos
Lbs. of ice per day 250-600



AR-40000
40,000 gal. capacity
80 grams siliphos
Lbs. of ice per day 600-2,000

Ice Machine	Model			
	AR-PRE	AR-10000	AR-20000	AR-40000
30	◆	◆		
45	◆	◆		
130	◆	◆		
210	◆	◆		
270	◆	◆		
280	◆		◆	
320	◆		◆	
370	◆		◆	
420	◆		◆	
450	◆		◆	
600	◆		◆	
800	◆			◆
1000	◆			◆
1300	◆			◆
1400	◆			◆
Q-Dual	◆			◆
1600	◆			◆
1800	◆			◆
400	◆		◆	
700/800	◆			◆
2200	◆			◆

Specifications

Maximum operating pressure:
25–125 psi (1.7–8.6 bar)

Maximum operating temperature:
35°–100°F (1.7°–38°C)

Flow Rate:
AR-10000 0.75 gpm (2.84 LPM)
AR-20000 0.75 gpm (2.84 LPM)
AR-40000 1.5 gpm (5.68 LPM)

Cartridge Housing Material:
Talc Filled Polypropylene

Pre-Filtration5 Micron particle reduction

Primary Filter - Filter media is graded density carbon block containing Siliphos scale inhibitor, which holds dissolved minerals in suspension. (AR-10000/20 grams siliphos, AR-20000/40 grams siliphos, AR-40000/80 grams siliphos – 40 grams per cartridge)

Inlet/Outlet fittings - 3/8" John Guess also includes 3/8" F.P.T. adapter

Optional Pre-Filter – An optional pre-filter is recommended for ice machine installations in areas with high particulate matter (dirty water). The pre-filter extends the filtration efficiency and working life of the primary filter cartridge were this condition exists. The Manitowoc pre-filter is a cost-efficient solution to the particulate matter (dirty water) problem because pre-filter replacements are more economical than a primary filter cartridge.

Replacement Cartridges:

Pre-FilterK-00337
Primary Filter
AR-10000.....K-00338
AR-20000/40000.....K-00339

To insure maximum filtration efficiency, replace the primary filter cartridge every 6 months. A filter gauge will indicate if replacement is necessary prior to six months usage (below 20 psig).

Important notice: Read this performance sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that you have your water supply tested to determine your actual water treatment needs before purchasing a water treatment unit.

Warning: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfections before or after the unit.

Caution: The filter must be protected from freezing and direct sunlight. Failure to do so may result in cracking of the filter housing and water leakage.

Note: Before using the Arctic Pure on non-Manitowoc machines consult the ice machine manufacturer for water supply usage requirements.

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

Dimensions

Model	Dimensions						Mtg. Holes		Weight	
	Height		Width		Depth		Center to Center		lbs.	kgs.
	inches	cm	inches	cm	inches	cm	inches	cm		
AR-Pre	17.09	43.41	6.72	17.10	4.00	10.16	1.50	3.81	4	1.81
AR-10000	17.09	43.41	5.72	14.50	4.00	10.16	1.50	3.81	5	1.81
AR-20000	21.34	54.2	5.72	14.50	4.00	10.16	1.50	3.81	5	2.27
AR-40000	21.23	54.1	15.88	40	5.00	12.7	Top	25.4	12	5.44
							Bottom			

Tested in accordance with ANSI/NSF Standard 42 for the reduction of chlorine taste and odor.



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