Water Filtration Systems

Specifications

- Flow rate: 2 Gpm (7.5 Lpm)
- Pressure: 30~100 psi (2.1~7Kg f/cm²)
- Temperature: 35~100°F (2~38°C)
- Capacity: 21,000 gal. (79,494L)
- Inlet & outlet size: 3/8 inch
- Time required to flush: 5 min. or until water runs clear
- Weight of the unit when operating (filled with water)
  Single system: DH-S1, 6 lbs (2.72Kg)
  Dual system: DH-S2, 14 lbs (6.35Kg)
- Height including filter catridge
  Single system: DH-S1, 19"
  Dual system: DH-S2, 19 1/8"

DH-R1
Filter Cartridge

DH-S1
Single Filteration System

- Produces crystal clear ice by filtering out 96.3% of dirt and metallic particles greater than or equal to 0.5 microns.
- Eliminates off tastes and odor of ice and reduces up to 97% of disinfectant Chlorine from incoming water supply.
- Keeps ice machine functioning at full capacity.
- Saves ice machine maintenance costs by reducing lime scale build up.

DH-S2
Dual Filtration System

Recommendations

Model	Description	Ice machine capacity	Compatible Blueair Models
DH-S1	2 Gpm	Up to 500 lbs	BLUI-150A BLUI-250A BLMI-300A BLMI-500A BLMI-500AD
DH-S2	2*2 Gpm	650 through 900 lbs	BLMI-650A BLMI-900A

NSF

System tested and certified by NSF international against NSF/ANSI Standard 42 for drinking water treatment units. Units are certified and will reduce Chlorine, class I Nominal Particulates, bad taste and odor in ice.

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Blueair

Connection Guide for filtration systems

Parts list for water filtration systems

Parts		DH-S1 Single	DH-S2 Dual
Filter Head (S)		1	-
Filter Head (D)		-	1
Filter Cartridge (DH-R1)		1	2
Pressure Gauge		1	Built In(1)
Shut-off Valve		2	2
T-fitting		1	1
3/8" Tubing		12 ft	12 ft
Anchor		2	2
Screw		2	2
Instructions	This guide	1	1

Connection Guide

●Step 1
Make 4 (four) 2-inch-long connection tubes by cutting provided 3/8" x 12ft Tubing as shown in Fig 1.

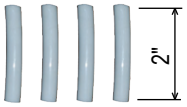

Fig 1

●Step 2.
Connect the tubes to the shut off valve and T-fitting as shown in Fig 2 & Fig 3.


Fig 2

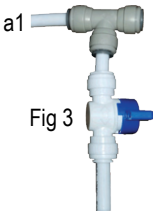

Fig 3

*Note : Single system (DH-S1) does not need “a1” tube.

●Step 3.
Assemble all the parts of the system you have as shown in Fig 4 and 5.

⚠ Make sure that the tubes are fully inserted into the quick coupler, otherwise water may leak. Insert tube until it stops, then pull back on tube to ensure it locks in place.

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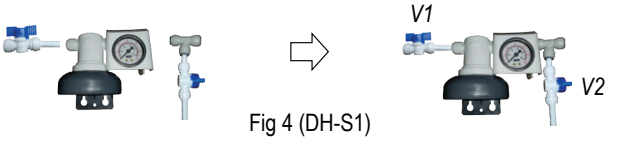


Fig 4 (DH-S1)

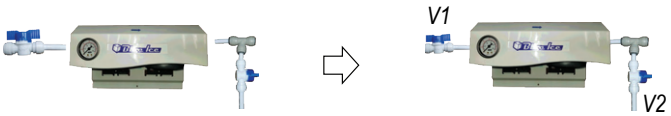
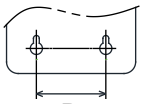


Fig 5 (DH-S2)

●Step 4.
Determine where you will attach the Filter Head.

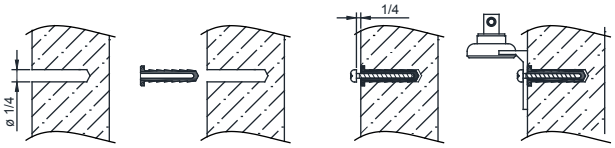
●Step 5.
Refer to the distance diagram and table below to determine spacing required for hanging Filter-Head and attach the Anchors to the wall.



●Step 6.
Insert the Screws as shown.

	-	DH-S1	DH-S2
D	inch	1 9/16	9 1/16
	mm	40	230

●Step 7.
Hang the Filter Head on the Screws.



●Step 8.
Insert the Filter Cartridge into the Filter Head and turn it clockwise until it locks.

●Step 9 : Close the main valve of the water supply line before this step.
Insert water supply tube and water outlet tube to Filter Head.
Connect the other end of the water outlet tube to the machine
Do not open the Shut-off Valve (V1, V2) until all Tubing is connected.

●Step 10 : Check all of the tube connections and fasten them securely.
- Open the main valve of the water supply line. Open V1 valve.
- **Before using the machine, open the V2 valve to flush out the initial filtrate. (at least 5 gallons or until clean water comes out)**
  * You will need a container to flush out the initial filtrate water.
  * Valve V2 must be closed after flushing.

⚠ Incorrect flushing of the filtration system can cause defects in the ice maker.

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