

# BOSHART INDUSTRIES

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## BII FILTRATION PRODUCTS

### HOUSING ORDERING INFORMATION

14HK - S\_ 10 C - 07  
XXXX XX XX X - XX

Inlet/Outlet Connection: 05 (1/2" ), 07 (3/4" ), 10 (1" ), 15 (1.5" )  
Bowl Colour: "C" Clear, "B" Blue, "R" Red, "BK" Black, "W" White  
Bowl Length: 5, 10, 20, 30 and 40 inch  
Housing Style: "S" - Standard "D" -Deluxe "V"-Valve-In-Head  
"G" - Giant "HT" - High Temp "SS" -S.S. Single Tube  
Filter Group: "14H" Housings "14A" Filter Accessories  
"14HK" Housing Kit "14PT" Replacement Parts

### CARTRIDGE ORDERING INFORMATION

14 - PPE 1 - 05  
XX - XXX X - XX

Nominal Micron Rating: 0.35=0.35 micron, 05=5 micron, 10=10 micron, 20=20 micron, etc.  
Nominal Cartridge: Length 1=9 3/4" , 2=20" , 3=30" and 4=40"  
Cartridge Style (Models starting with "G" are for giant filter housings):

"PPE" & "GPPE" Pleated Polyester	"SP" & "GSP" Spun Polypropylene	"SWP" & "GSWP" String W. Polypropylene
"SWBC" & "GSWBC" String W. Bleach Cotton	"SWNC" String W. Natural Cotton	"IM" Icemaker/Inline
"CB" & "GCB" Carbon Block	"CCR" Carbon Cyst Removal	"PAC" & "GPAC" Powder Activated Carbon

Filter Group: "14" Filter Cartridges

## IMPORTANT FILTRATION FACTS

**NSF (NATIONAL SANITARY FOUNDATION) STANDARDS INFO:** Notes such as "meets / conforms to NSF standard 42, 53, 61" do not mean or guarantee that the cartridge actually is NSF approved. This may indicate that the manufacturer has manufactured the cartridge in accordance to this standard.

**NSF STANDARD 42** - Drinking water treatment units - aesthetic effects. Standard 42 covers point-of-use and point-of entry (POU / POE) systems designed to reduce specific aesthetic, or non-health effects contaminants (chlorine, TDS, particulates) that may be found in drinking water that is considered to be microbiologically safe; **NSF 53** - Drinking water treatment units - health effects. It covers point-of-use and point-of-entry (POU/ POE) systems designed to reduce specific health related contaminants (cryptosporidium and giardia cysts, volatile organic chemicals, lead, etc) that may be present in public or private drinking water that is considered to be microbiologically safe; **NSF 61** - covers specific materials or products that come into contact with drinking water, drinking water chemicals, or both.

**FLOW RATES:** Actual maximum flow rates vs. pressure drop will be determined based on cartridge selections and fluid viscosity.

**CARBON FINES:** An activated carbon cartridge (Taste/Odour) may contain a small amount of carbon fines (very fine black powder) and a new cartridge, after installation, should be flushed with sufficient water to remove the fines before using the water.

**CELLULOSE:** Certain types of harmless bacteria will attack cellulose material. Cartridges containing cellulose may seem to disintegrate, produce a "sewer" or "rotten-egg" odour, or form a black precipitate due to the bacteria. If you notice any of the above problems while using the cellulose media cartridges, switch to a synthetic media cartridge or consult the manufacturer.

**CHANGE OUT:** Replacement cartridges have a limited service life. Changes in taste, colour and flow of the water being filtered are signals that replacement of the cartridge is or soon may be necessary.

## INSTALLATION / MAINTENANCE INFORMATION

**WARNING: ALWAYS TEST WATER:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit.

**FLUSH SYSTEM:** Each time you use water from your filtered water tap for drinking or cooking purposes, it is recommended that you run (flush) the tap at least 10 seconds prior to using water. This is particularly important if the water tap is not used daily.

**HANDLE WITH CARE:** Scratching, bumping and dropping can cause structural damage, Clear bowls are more susceptible to damage.

**SUNLIGHT - U.V. WARNING:** Clear bowls must not be exposed to sunlight. Always use blue bowls where there is UV exposure.

**FREEZING WARNING:** All plastic housings must be protected against freezing. Failure to do so may result in cracking of the filter and water leakage.

**SOLVENTS WARNING:** Clear housings may crack with time causing failure and leakage, if exposed to organic solvents such as those found in aerosol sprays for cleaning products and insecticides.

**NEVER EXCEED MAX PRESSURE RATING:** If pressure surges are a possibility, use a pressure reducing valve to protect from excessive pressure. Extreme caution should be taken in multi storey buildings where high pressure can build due to the high feet head of water.

**CHANGE FILTER BOWLS:** To prevent costly repairs or possible water damage we strongly recommend that the bowl or sump of all plastic housings be replaced periodically: every five years for clear sumps, and every ten years for opaque sumps. If your sump has been in use for more than the recommended period, it should be replaced immediately. Be sure to date any new or replacement sump for future reference and indicate the next recommended replacement date.

**INSTALLATIONS OTHER THAN POTABLE WATER:** Since these products may be used under conditions beyond Boshart Industries control that cannot be anticipated, Boshart Industries makes no guarantee or warranty whether expressed or implied concerning the suitability of these products or recommendations for any purpose other than the ordinary purposes for which such products are used. We strongly advise users to conduct their own tests to determine the safety and suitability of these products for the user's specific application. **CAUTION:** All filtration systems contain other parts that have a limited service life. Exhaustion of the service life of those parts often cannot be easily detected. Commonly, it is only after leakage has been observed or water damage has occurred that one is made aware that the service life has been exhausted. Therefore, filters should be installed in an area where leakage will not cause property damage.