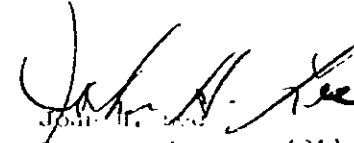


35900-18, 11/31, 1/8

<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREГИSTRATION</p> <p><i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i></p>	<p>EPA REGISTRATION NO. 35900-18</p> <p>TERM OF ISSUANCE</p>	<p>DATE OF ISSUANCE MAR 30 1987</p>
<p>NAME OF PESTICIDE PRODUCT General Ionics Model 200,000 Bacteriostatic Whole House Water Filter</p>		
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p><input type="checkbox"/> <input type="checkbox"/></p> <p>Ionics, Incorporated 3039 Washington Pike P.O. Box 57 Bridgeville, PA 15017</p>		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p>		
<p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
<p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:</p>		
<p>1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</p>		
<p>2. Add the phrase "EPA Registration No. 35900-18" to your label before you release the product for shipment.</p>		
<p>3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.</p>		
<p>If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(d). Your product for shipment of the product must first be approved by these conditions.</p>		
<p>Attach a copy of the label to this enclosure for your records.</p>		
<p> John H. Lee Product Manager (31) Disinfectants Branch Registration Division (TS-767C)</p>		
<p>Enclosures</p>		
<p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>BEST AVAILABLE COPY</p>		
<p>SIGNATURE OF APPROVING OFFICIAL</p>		<p>DATE</p>

ENCLOSURE 1

PROPOSED LABELING FOR GENERAL IONICS MODEL 200,000 BACTERIOSTATIC WHOLE HOUSE WATER FILTER

GENERAL IONICS MODEL 200,000 BACTERIOSTATIC WHOLE HOUSE WATER FILTER

For use on municipally treated tap water in the home

- Removes objectionable taste and odors
- Inhibits the growth of bacteria within the filter media bed
- Filters suspended solids

CAUTION

KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 35900-

EPA Est. No. 35900 PA 01

STORAGE:

Store in closed container which excludes moisture and chemical fumes

ACTIVE INGREDIENT:

Silver as metallic 0.35%

INERT INGREDIENTS:

Activated Carbon 99.65%

DIRECTIONS FOR USE: See enclosed Owner's Manual and Installation Instruction Booklet

DISPOSAL: Dispose exhausted filter media with trash.

NET CONTENTS: One (1) General Ionics Model 200,000 Bacteriostatic Whole House Water Filter

Another fine product by the manufacturers of General Ionics Water Conditioning Equipment



3039 WASHINGTON PIKE, BRIDGEVILLE, PA 15017

ACCEPTED with COMMENTS In EPA Letter Dated:

BEST AVAILABLE COPY

MAR 30 1987

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the purpose authorized under EPA Reg. No.

35900-18

ENCLOSURE I

ACCEPTED
with COMMENTS
by EPA

INSTALLATION INSTRUCTIONS - OWNER'S MANUAL

MAR 20 1967

GENERAL IONICS MODEL 200,000
BACTERIOSTATIC WHOLE HOUSE WATER FILTER

Model 200,000
Removes...
as amended...
Registered under EPA Reg. No.
35900-18

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

INTRODUCTION

The General Ionics Model 200,000 Bacteriostatic Whole House Water Filter is specially designed to offer the following features:

1. Removes objectionable tastes, odor and color from treated municipally supplied tap water. This is accomplished by using a select grade of bituminous coal base activated carbon with exceptionally high surface area, high density, and high volume activity for maximum capacity for adsorbing objectionable tastes, odors, and colors.
2. Inhibits the growth of bacteria within the filter media bed. This is what is meant by "bacteriostatic". Since potable water can, by law, contain a certain number of harmless bacteria indigenous to municipally treated water, the potential for a buildup or growth of these bacteria trapped within the filtering medium does exist.

The low level of bacteria in tap water along with organic compounds normally present in a water supply become trapped in the filter bed medium. After a short period of time, the filter bed will contain considerable number of bacteria and in the presence of the organic compounds which become a source of nutrients for bacteria, this filter becomes a breeding place for bacterial growth, especially during non-flow periods when the water is not in use - such as overnight.

The inhibiting agent in the General Ionics Model 200,000 Bacteriostatic Whole House Water Filter is HYgene silver impregnated activated carbon. HYgene is a proprietary formulation manufactured by Ionics, Incorporated for over 30 years for use in potable water treatment.

BEST AVAILABLE COPY

INSTALLATION

1. Select Location. In selecting the location, bear in mind that the filter must be installed after the water meter and must be convenient for servicing.
2. Unpacking. The complete filter unit is shipped in two packages. One carton contains the empty mineral tank, plastic funnel for adding the mineral, one bag of quartz, three plastic leveling legs, and the installation instructions. Care should be taken in unpacking to prevent accidental loss of these components. The second carton contains the silver impregnated activated carbon media.
3. Installation. Turn main water supply off and drain system. the main supply line as needed and install a 3-valve bypass as per enclosed drawing. This is mandatory as the filter valve is not equipped with a built-in bypass. After the bypass is installed, close Valve A and Valve C. Open Valve B. Turn the main water supply on. Customer will have water while you finish your installation.

ACCEPTED
with COMMENTS
EPA Form 100-100
MAR 30 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 35900-18

CAUTION: Do not reduce the size of existing plumbing. If main incoming house line is 3/4", the unit should be installed in 3/4" copper tubing or pipe. Place the filter unit on the three plastic leveling legs provided and level.

4. Pipe Connections. Incoming house line is connected to the opening in the valve marked "Inlet". This is located on the right hand side of the filter valve. The outgoing house service line is connected to the opening in the valve marked "Outlet". This is located on the left hand side of the filter valve. Turn valve handle until indicator points to the "Filter" position. Open Valve A. Fill tank 1/4 full of water. Turn valve handle until indicator points to "Off" position. Insert plastic funnel into top opening of tank and add the bag of quartz followed by the Hygiene Bacteriostatic filtering media. Turn valve handle to "Filter" position. When tank is filled, turn valve handle to "Off" position. Place cap on and tighten. Connect hose to top drain cock. Place hose in convenient drain or stationary tub. Move handle to "Backwash" position and allow unit to backwash 15 minutes or until water runs clean. Close top drain cock and turn the filter valve handle to "Filter" position. Close Valve B and open Valve C. The filter is now in operation.

NOTE: when backwashing the General Ionics Model 200,000 Bacteriostatic Whole House Water Filter, it is very important that Valve C be closed. If not, filtering media can enter into service line.

PERIODIC BACKWASHING

To maintain filtration efficiency, the General Ionics 200,000 Bacteriostatic Whole House Water Filter requires a periodic backwash average every 3-6 weeks

BEST AVAILABLE COPY

PERIODIC BACKWASHING CONT'D

depending on the amount of sediment in the untreated water collected in the filter media mineral bed.

Close Valve C of the bypass assembly and open Valve B. Attach hose to upper drain cock. Place opposite end of hose in convenient drain. Turn filter valve handle to "BKW" (backwash) position. Open upper drain cock. Allow unit to backwash 15 minutes or until drain water is clear. Return valve handle to "FILTER" position. On bypass assembly, open Valve C and close Valve B. The unit is now back in service.

LIFE EXPECTANCY

The HYgene Bacteriostatic Media should be replaced after 200,000 gallon of municipally treated water has passed through the unit. Based on an average of 60 gallon per person per day, the following chart may be used to determine life expectancy.

<u>No. of Persons</u>	<u>Consumption Per Day</u>	<u>Life of Media Years</u>
2	120	4.5
4	240	2.2
6	360	1.5
8	480	1.0

Water meter reading at time of installation _____ gallons.

Expected life of Media (add) 200,000 gallons.

Water meter reading, HYgene media replacement _____ gallons.

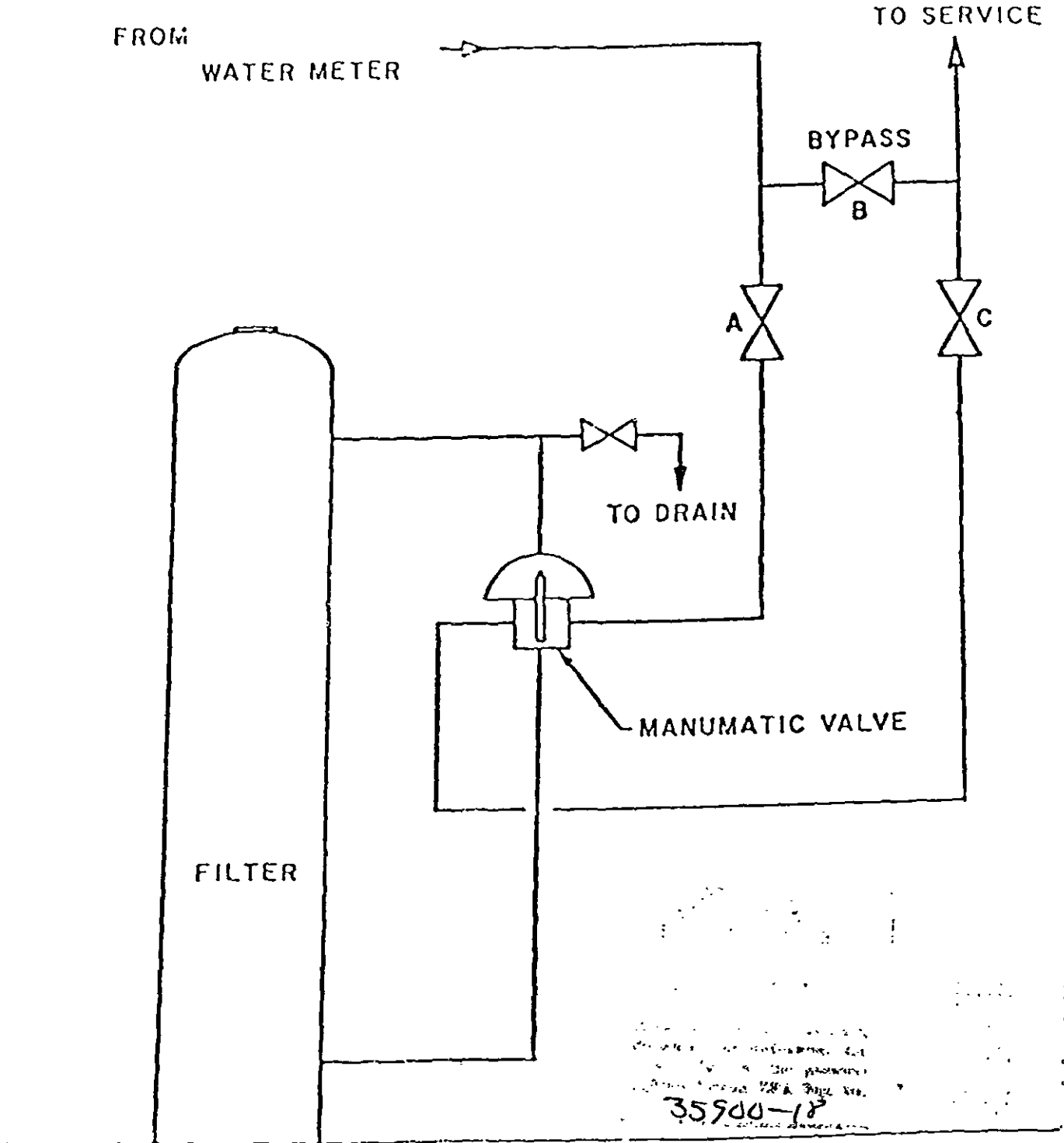
REGISTERED
PATENT OFFICE
U.S. PATENT OFFICE

MAR 30 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
35900-18

BEST AVAILABLE COPY

GENERAL IONICS MODEL 200,000
BACTERIOSTATIC WHOLE HOUSE WATER FILTER

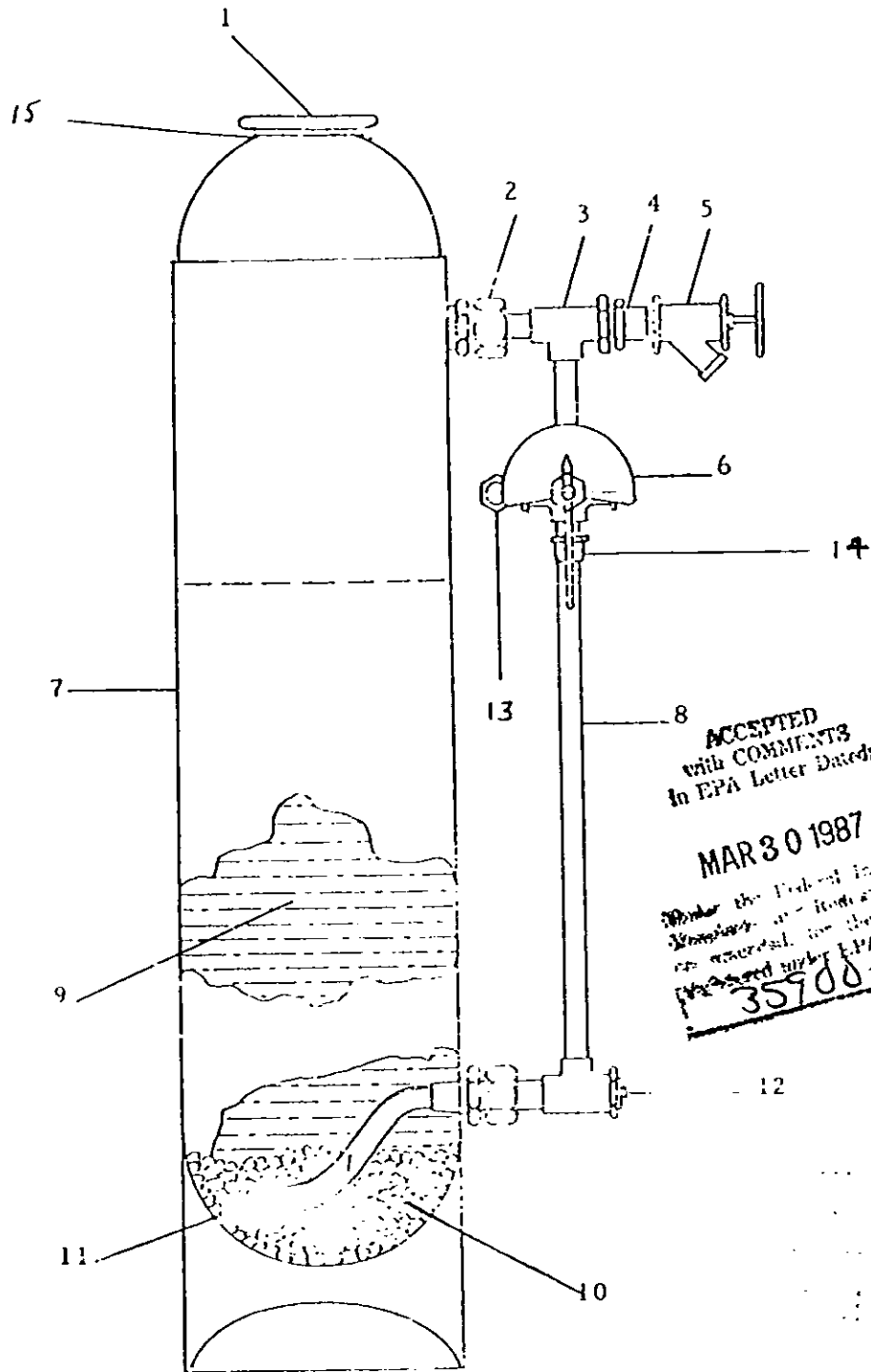


35940-18

TYPICAL INSTALLATION FOR FILTER UNIT

BEST AVAILABLE COPY

GENERAL IONICS MODEL 200,000
BACTERIOSTATIC WHOLE HOUSE WATER FILTER



ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 30 1987

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
35900-18

WEST VIRGINIA UNIVERSITY

PARTS LIST

GENERAL IONICS MODEL 200,000
BACTERIOSTATIC HOLE HOUSE WATER FILTER

<u>ITEM NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	FB500	CAP CLOSURE
2	FB612	3/4"M X 7/8" COMPRESSION ADAPTER
3	FB626	3/4C X 1/2F X 3/4C TEE
4	FB640	1/2M X 1/2F FLOW CONTROL (3 GPM)
5	FB605	1/2" BOILER DRAIN
6	FB350	MANUMATIC VALVE
7	FB107	8" X 44" FIBERGLASS TANK
8	FB610	3/4" COPPER TUBING
9	FB444	SPECIAL HYGENE BACTERIOSTATIC MEDIA
10	FB021	GRAVEL BED
11	FB180	8" BOTTOM TANK DISTRIBUTOR
12	FB3692	1/2" PLUG
13	FB001	3/4M X 3/4F 90° BRASS STREET ELBOW
14	FB002	3/4M X 3/4C ADAPTER
15	FB003	CLOSURE "O" RING

APPROVED
DATE: 3/15/67

MAR 15 1967

Water for use in the...
...and...
...for the...
...under EPA Reg. No.

35900-18

APPROVED
DATE: 3/15/67