



GENERAL NOTES:

1. REGULATED WATER PRESSURE: MINIMUM 40 PSI, MAXIMUM 100 PSI.
2. PROTECT FROM FREEZING IF INSTALLED OUTDOORS IN COLD WEATHER AREAS.
3. REQUIRES 3 VALVE BYPASS.
4. DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM.
5. SEE INSTALLATION INSTRUCTIONS FOR USER RESPONSIBILITY, GENERAL OPERATION AND MAINTENANCE REQUIREMENTS, SERVICE TO THE SYSTEM AND PARTS AND SERVICE AVAILABILITY.

GENERAL SPECIFICATIONS

MAX. DIMENSIONS	76.5" x 16.5"
MAX. FLOW RATE	106 GPM (PER TANK)
CERTIFIED SERVICE CYCLE	5,704,000 GALLONS
POWER REQUIREMENTS	STANDARD 110v OUTLET WITHIN 5'
DRAIN/RINSE LINE	3/4" COPPER OR PVC PIPE TO DRAIN/IRRIGATION AT 15 GPM
INSTALLATION SPACE REQUIRED	42" WIDTH x 86" HEIGHT
SAFETY FACTOR	4:1, MIN. BURST AT 600 PSI, TESTED TO 250,000 CYCLES
MATERIAL	SEAMLESS FIBERGLASS FILAMENT WOUND INNER LINER POLYETHYLENE
SERVICE WEIGHT	600 LBS

2" CONTROL VALVE SPECIFICATIONS

VALVE MATERIAL	LEAD-FREE BRASS
INLET/OUTLET	2"
CYCLES	5
FLOW RATE	TESTED, 15 GPM, MAX. CONTINUOUS, 106 GPM
DRAIN LINE	3/4" NPTM
DIMENSIONS	HEIGHT FROM TOP OF TANK - 12"
ELECTRICAL RATING	24v, 110v, 220v - 50Hz, 60Hz
PRESSURE	HYDROSTATIC: 300 PSI, WORKING: 25-125 PSI
TEMPERATURE	34° - 110° F



Commercial Series
MODEL: LWS-4140 2"

FIGURE 1
DETAILS &
SPECIFICATIONS

FEATURES AND BENEFITS:

- **HIGH GRADE GRANULAR ACTIVATED CARBON (GAC)**
NSF/ANSI-42 TESTED AND CERTIFIED FOR CHLORINE/CHLORAMINE TASTE AND ODOR. PROVEN LONG LASTING SYSTEM WITH A SERVICE CYCLE OF 5,704,000 GALLONS.
- **DURABLE AUTOMATIC CONTROL VALVE/TIMER**
AUTOMATICALLY CONTROLS DRAIN AND RINSE CYCLES, RINSES SEDIMENT OUT OF CARBON. LEAD-FREE BRASS VALVE BODY FOR SUPERIOR STRENGTH AND DURABILITY.
- **ZERO MAINTENANCE SYSTEM**
NO REGULAR SERVICE INTERVALS AND NO FILTER CHANGES REQUIRED UP TO 5.7 MILLION GALLONS

GREEN SPECIFICATIONS:

- USES NO SALT OR POTASSIUM CHLORIDE
- ELIMINATES THE NEED FOR BOTTLED WATER
- CONSERVES WATER
- USES NATURAL, COCONUT SHELL CARBON FILTER MEDIA
- A SUSTAINABLE PRODUCT DESIGN

COMMERCIAL APPLICATIONS:

- OFFICE BUILDINGS
- MULTI-FAMILY HOUSING
- HOSPITALITY/LODGING/RESORTS/SPAS
- FOOD SERVICE/RESTAURANTS/BEVERAGE PRODUCTION
- EDUCATIONAL/SPORT FACILITIES
- INDUSTRIAL/MANUFACTURING PROCESSING PLANTS

GENERAL SPECIFICATIONS:

- **DIMENSIONS**
DIAMETER - 16.5", HEIGHT - 76.5"
- **TEMPERATURE**
SYSTEM SHOULD NOT BE OPERATED WITH AN INFLUENT WATER TEMPERATURE IN EXCESS OF 140°F. IN GEOGRAPHIC AREAS WHERE OUTSIDE TEMPERATURES ARE LESS THAN 32°F FOR AN EXTENDED PERIOD OF TIME, INSULATION IS REQUIRED.
- **POWER REQUIREMENT**
1 STANDARD 110v ELECTRICAL OUTLET WITHIN 5' OF SYSTEM OR A 24v TRANSFORMER PLUGGED INTO A MORE DISTANT ELECTRICAL OUTLET.
- **BACKWASH**
3/4" COPPER PIPE TO DRAIN/IRRIGATION WHICH MUST ACCOMMODATE 15 GPM FOR A SHORT PERIOD OF TIME.
- **INSTALLATION SPACE REQUIRED**
42" WIDTH x 86" HEIGHT
- **PRESSURE DROP**
4 PSI
- **TANK WEIGHTS**
DRY WEIGHT 340 LBS.
SERVICE WEIGHT (WET) 600 LBS.



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FIGURE 2
NOTES & SPECIFICATIONS
(CONT.)