

APPLICATION

Today's ever-changing water quality issues demand that point-of use water treatment systems become an essential component of equipment applications. Because municipal water treatment facilities are designed to reduce mainly biological contaminants, they do not decrease contaminants that affect the performance of water dependent equipment. The Watts HS-Series water treatment systems are designed specifically for use on applications found throughout the healthcare industry, such as point-at-use steam generators, instrument and cart washers. When used as suggested by the manufacturer, The Watts HS-Series water treatment systems significantly reduce or eliminate boiler scaling and instrument spotting.

BENEFITS

- Extends equipment life
- Provides 'spot-free' rinse water at a fraction of the cost of Deionization (DI water)
- Reduces or eliminates boiler scale
- Increases boiler heating element life and efficiency

EQUIPMENT FEATURES

- Complete pre-treatment
- Sediment filtration removes dirt, sand, and rust
- KDF media filter reduces iron
- Carbon filtration removes chlorine and other VOCs
- TFC reverse osmosis membrane reduces up to 99% of TDS
- Complete post-treatment
- PH adjusted
- TDS balanced to ensure proper conductivity of water
- 1-year warranty
- Factory performance tested and sanitized
- UL listed controls

SYSTEM PERFORMANCE

When used as suggested by the manufacturer, the Watts HS-Series water treatment systems eliminate up to 99% of the following contaminants:

- Total Dissolved Solids(TDS)
- Volatile Organic Chemicals
- Hardness(CaCO₃)
- Chlorine additives

Note Limitation: Not intended for drinking water.

HS-15,000

Water Treatment System

FT# 61301605531
PT# 61301605532



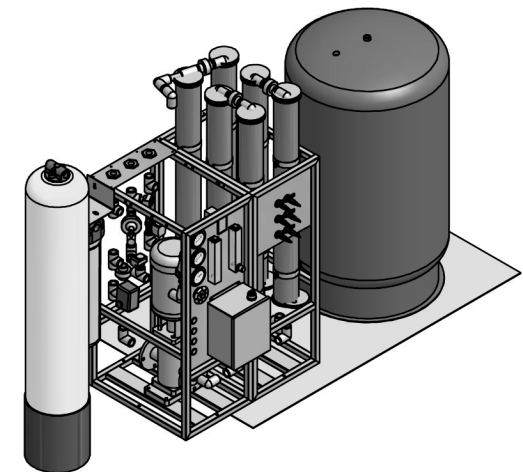
WARRANTY

Watts HS-Series water treatment systems are warranted for One year. Labor for repairs are provided for the first 90/days following equipment installation and start up. Warranty repairs are performed Monday-Friday from 8:00a.m. - 5:00p.m., Excluding national holidays.

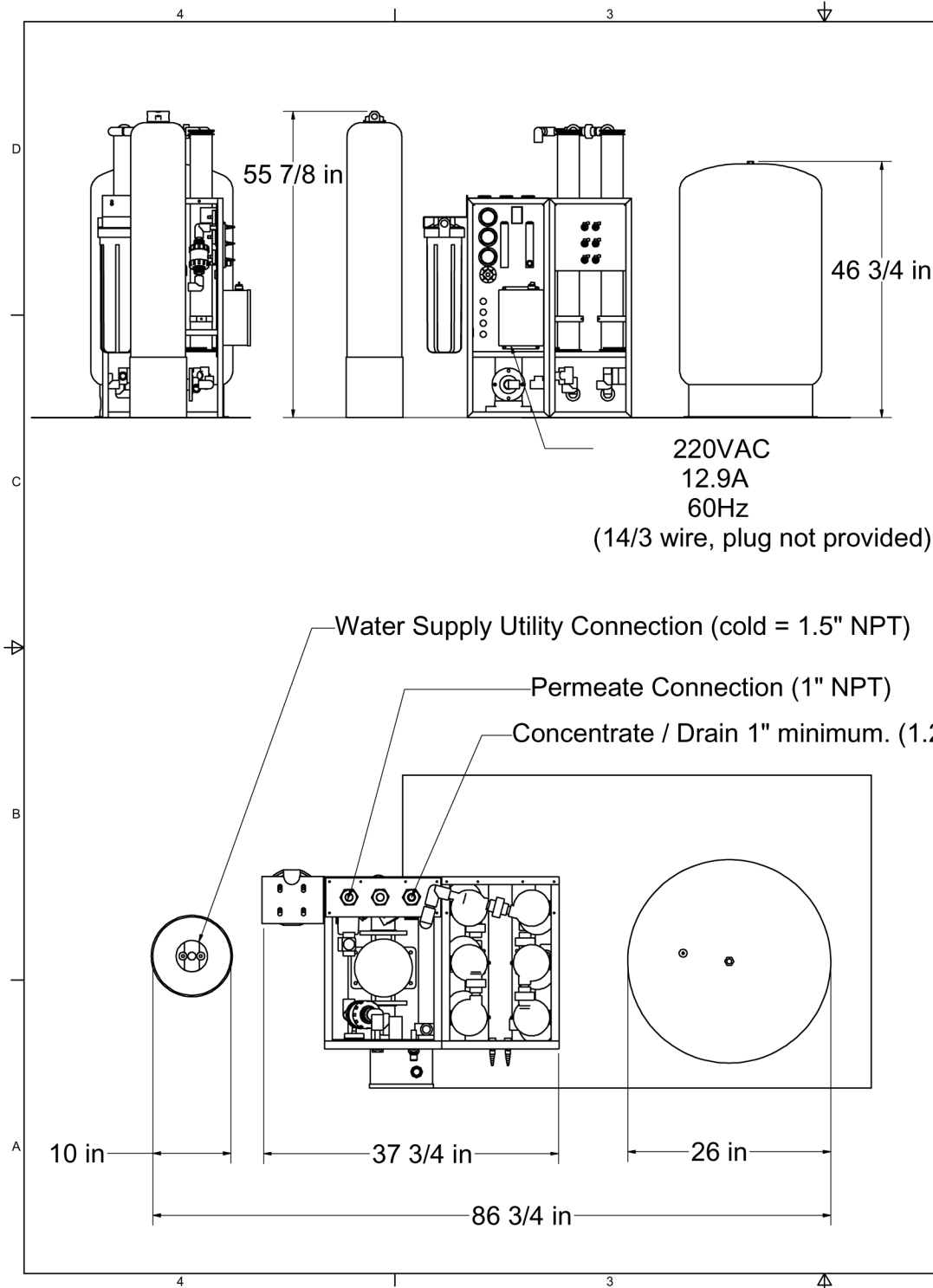
To order an HS-Series Water Treatment System or for more information, please call:
Phone: 800-950-9912
Fax: 800-950-2570
Getinge USA Inc,
1777 East Henrietta Rd.
Rochester, NY 14623

NOTES:

- 1) **INLET WATER:** Designed to handle potable water up to 2000 ppm TDS; hardness 14 grains max.
- 2) Permeate water will have 5 to 50 ppm TDS.
- 3) **WATER TEMPERATURE:** 35 - 100 deg. F
- 4) **WATER PRESSURE:** 30 - 85 psig. A pressure regulator P/N 134030 will be required if over 85 psi.
- 5) **MEMBRANE RECOVERY RATE:** 1 to 1 or better.
- 6) **CODES:** UL & CSA 508A
- 7) First year preventative maintenance kit is included (P/N 501062)
- 8) Minimum 18 inches service clearance on sides.
- 9) Minimum 40 inches service clearance on top.
- 10) **FLOOR SINK DRAIN:** 1-1/4" dia. within 10' of processor.
- 11) **APPROVED PIPING MATERIAL:** Schedule 80 PVC for washer applications and "L" copper for boiler feed applications.
- 12) **PRETREATMENT:** 20" Sediment 5 micron (P/N 204019 - Qty 1)
- 13) **POST TREATMENT:** Calcite feeder kit (P/N 590101) will need to be assigned to each boiler. (not included with processor)



DRAWN Craig Schmitt	4/10/2003	Watts Pure Water, Phoenix, AZ USA	
CHECKED Josh Hanford	12/16/2003	TITLE	
QA		HS-15000PT	
MFG			
APPROVED		SIZE C	DWG NO 571501
		SCALE	REV 12/31/03
		SHEET 1 OF 1	



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220VAC
12.9A
60Hz

(14/3 wire, plug not provided)

Water Supply Utility Connection (1.5" NPT)

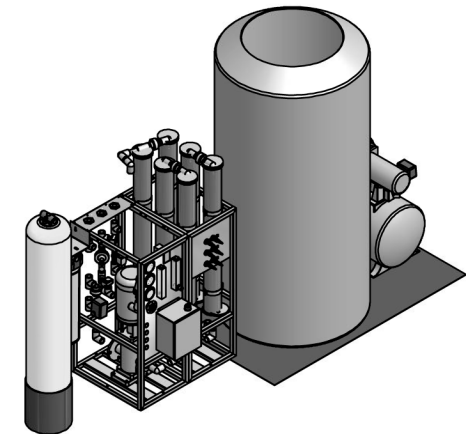
Permeate Connection (1" NPT)

Concentrate / Drain 1" minimum (1.25" NPT)

Feed water for bypass
(Cold 1" NPT)

115VAC
19.2A
or
230VAC
9.6A

(12/3 wire, plug not provided)



DRAWN Craig Schmitt	4/10/2003	Watts Pure Water, Phoenix, AZ USA	
CHECKED Josh Hanford	12/16/2003	TITLE	
QA		HS-15000FT	
MFG		SIZE C	DWG NO 571502
APPROVED		SCALE	REV 12/31/03
		SHEET 1 OF 1	

Model HS-15000-PT # 571501 Replacement Parts

<u>Item #</u>	<u>Item Description</u>	<u>Qty Per Unit</u>
61301605501	Pump/Motor for Processor	1
61301605505	Control Box Contactor	1
61301605506	Control Box Transformer	1
61301605508	Control Box Circuit Board	1
61301605503	Fuse 30amp	2
61301605504	Switch Contact Block	1
61301605512	Guage 0-300psi Gly. Pnl. Mt.	2
61301605511	Guage 0-100psi Gly. Pnl. Mt.	1
61301605544	TDS Monitor 0-1999 Pnl. Mt.	1
61301605483	Valve PVC 1/2" Pnl. Mt.	1
61301605482	Valve Labcock 1/4"	6
61301605467	Vessel Clousure Kit 4"	6
61301605464	Membrane Filter 4 x 40	6
61301605490	Pressure Switch 8-30psi	2
61301605491	Tank Pressure Switch 40-60psi	1
61301605486	Solenoid Plastic 1" 24v	1
61301605489	Solenoid Brass 3/4" 24v	1
61301605478	Valve Check PVC 1"	1
61301605465	Housing Filter 20" BB	1
61301605535	Wrench Housing 20" BB	1
61301605469	O-Ring for Housing 20" BB	1

Model HS-15000-FT 571502 Replacement Parts

<u>Item #</u>	<u>Item Description</u>	<u>Qty Per Unit</u>
61301605501	Pump/Motor for Processor	1
61301605505	Control Box Contactor	1
61301605506	Control Box Transformer	1
61301605508	Control Box Circuit Board	1
61301605503	Fuse 30amp	2
61301605504	Switch Contact Block	1
61301605512	Guage 0-300psi Gly. Pnl. Mt.	2
61301605544	TDS Monitor 0-1999 Pnl. Mt.	1
61301605483	Valve PVC 1/2" Pnl. Mt.	1
61301605482	Valve Labcock 1/4"	6
61301605467	Vessel Clousure Kit 4"	6
61301605464	Membrane Filter 4 x 40	6
61301605490	Pressure Switch 8-30psi	2
61301605491	Tank Pressure Switch 40-60psi	1
61301605486	Solenoid Plastic 1" 24v	1
61301605489	Solenoid Brass 3/4" 24v	2
61301605478	Valve Check PVC 1"	1
61301605509	Horizontal Reed Float	3
61301605465	Housing Filter 20" BB	1
61301605535	Wrench Housing 20" BB	1
61301605469	O-Ring for Housing 20" BB	1
61301605499	Pump/Motor for Repressueizer	1
61301605472	Tank for Reperssuerizer	1
61301605479	Valve Check PVC 80 11/4"	1
61301605487	Solenoid 1/2" Plastic Body	1
61301605535	Coil for Plastic Soleniod	1
61301605480	Valve PVC 40 1/2"	1