

# SWPT Treatment Systems for Bottled Water



## ***Treats Water from Spring, Well, Borehole and Other Sources***

Source water contaminants can vary significantly from one location to another. That's why Norland custom-designs and manufactures its premium pretreatment systems for the bottled water industry to meet the requirements of each of its customers.

The standard Norland SWPT15 system configuration uses (1) a spin filter to remove particulate matter down to 100 microns; (2) a multimedia filter to remove particulate matter down to 20 microns; (3) a DGD 25/1 micron cartridge filter to remove particulate matter down to 1 micron nominal; (4) a UV system to reduce and/or eliminate viruses and bacteria; and (5) a 1 micron absolute cartridge filter to remove particulate matter and cysts down to 1 micron absolute. SWPT15 is designed to treat 15 gallons of source water per minute. Larger customized SWPT systems are designed to treat up to 100 gallons of source water per minute. Call (402) 441-3737 for details. Or e-mail to [bk@norlandintl.com](mailto:bk@norlandintl.com).

Optional components include (1) a Birm/Iron removal filter to remove iron and manganese; (2) a pH control system to correct pH value to 6.5-8.0; and (3) CO<sub>2</sub> removal unit to reduce dissolved carbon dioxide, and other treatments necessary to treat these problem waters.

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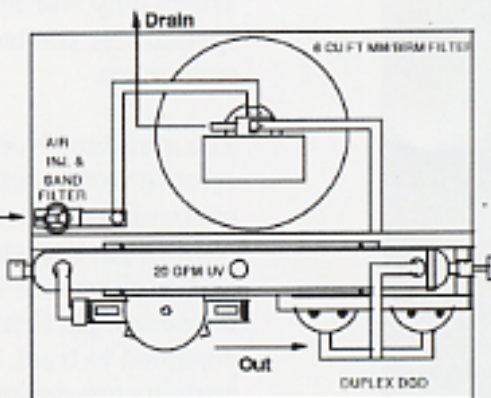
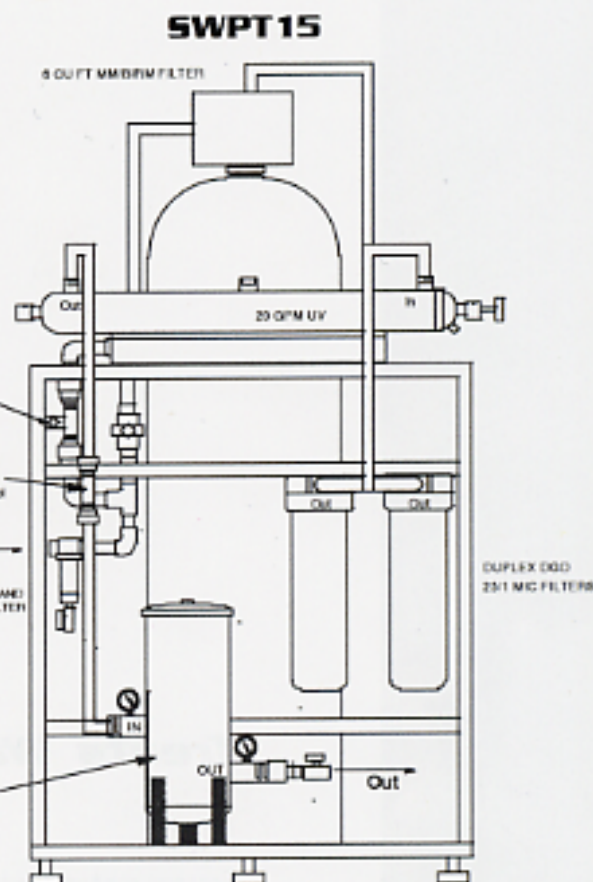
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# SWPT Systems Treat Water from Variety of Source Waters, Including Spring, Well and Borehole

1. Multimedia Filter removes particulates to 20 microns
2. Sand/Spin Filter removes particulates to 100 microns
3. Absolute Cartridge Filter removes particulates and cysts to 1 micron
4. UV system reduces and/or eliminates viruses and bacteria
5. DGD Filter removes particulates to 1 micron nominal
6. System mounted on 304 stainless steel frame with adjustable feet.



## SWPT15 Specifications (Standard)

Dimensions	48" W x 40" D x 88" H (122 cm W x 102 cm D x 224 cm H)
Weight	950 lb (431 kg)
Sand/Spin filter (1)	100 micron
Multimedia/Birm Filter (1)	6 ft. <sup>3</sup> (0.17m <sup>3</sup> )
DGD Filter (2)	25/1 micron nominal cartridge
UV System (1)	20 GPM @ 30,000 MWsec/cm <sup>2</sup>
Absolute Filter (1)	1 micron
<b>Electrical Specs</b>	
Voltage	110V/60Hz, 220V/50 Hz
Phase	Single
Amps	3

Note: Above standard system for water with the following: TDS < 1000 ppm, iron + manganese < 0.2 ppm, Chlorine 0 ppm, Nitrate < 5 ppm, pH 6.5-8, Bacteria < 10CFU. Equipment sizing and options to standard system depend on detailed water analysis to be treated.

***Norland Int'l. Inc.***

Your *Complete* Source

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