

Product Guidelines for Site Installation

Product Name:	Thermo Scientific™ Barnstead™ GenPure Pro Water Purification Systems	Item Description:	Type 1 Lab Water System
Model #	50131952, 50131950, 50131948, 50131922	Manufacturer	Thermo Scientific
Order #	50131952, 50131950, 50131948, 50131922		

NOTE: Barnstead GenPure Pro water purification systems come complete with pressure regulator, wall mounting bracket, tubing, and all necessary consumables.

A. RECOMMENDED FEED WATER SPECIFICATIONS

Colloid Index	SDI max.	< 1	SDI
Resistivity	µS/cm	> 0.5	µS/cm
TOC Value	ppb max.	< 50	ppb
Free Chlorine	ppm max.	< 0.05	ppm
Turbidity	NTU	<1.0	NTU
Carbon Dioxide	ppm max.	< 30	ppm
Silicate	ppm max.	< 2	ppm
Pressure	PSI	1.45 - 87	PSI
Feed Water Temp.	°C	2 - 40 C	°C
Recommended Type	ASTM 1, 2, or 3	2	

B. ELECTRICAL POWER REQUIREMENTS

Electrical Specifications

115/240V	Volts	50/60	Hertz	2 - 1 A	Amps	Single	# of Phases
Total number of receptacles / plugs required to operate water system.							1
Length of line cord		8	Feet	0	Inches		

C. PLUMBING REQUIREMENTS

Water Inlet Line

Type of Fitting	Male NPT
Size of Fitting	3/4 Inch
Manual Cutoff Valve	Strongly Recommend

Waste Drain

Type of Drain	Atmospheric
Max. Distance from Unit	5 Feet

D. SPATIAL REQUIREMENTS

Equipment exterior dimensions (inches):	18.6	Width	13	Depth	24.2	Height
Equipment Weight (lbs):	60	Lbs.				

Wall mount specifications: If the system is to be mounted on the wall or on a shelf the designated area must be capable of supporting up to 200 lbs.

E. Accessories / Replacement Consumables

Accessories

AY1137X1 Log Printer for connection to RS232 port (110V)

Replacement Consumables

- 09.2005 Ultra pure water cartridge
- 09.1003 0.2µm Final Filter
- 09.2201 Disinfection Cartridge
- CMX25 Disinfection Solution, 1 Time Use
- 50133980 Ultrafilter
- 09.2002 Replacement UV lamp