

Portable Exchange System

The WRT Portable Exchange Systems are designed for radium, uranium or arsenic removal applications from 5 to 100 gallons per minute.

Z-88® Radium, Z-92® Uranium, or Z-33™ Arsenic removal systems can be utilized in any new or existing potable water system. Water passes through treatment vessels where the contaminant is removed. When the treatment media is ready for replacement, the portable treatment vessels are removed from the circuit and replacement vessels are provided and installed on a cost per exchange basis. WRT disconnects the used vessels, installs the replacement vessels into the system, places it back into operation, and provides for the safe removal and disposal of the spent media.

ADVANTAGES OF THE WRT PORTABLE EXCHANGE SYSTEM INCLUDES:

- Nothing is added to the water. No chemicals are added in the treatment process.
- No liquid waste stream is generated by this process; this is a zero-liquid-discharge system.
- Treatment residuals are safely and properly disposed of by WRT.
- Minimal operation and maintenance required.
- Z-88®, Z-92® and Z-33™ Media are NSF, Standard 61 certified for use in drinking water applications.



WRT PROVIDES THE FOLLOWING:

- A complete PES treatment system designed for the application.
- Installation instructions.
- Operation and Maintenance Manuals.
- Emergency Training.
- Collection, transportation and disposition of spent treatment media.
- One year equipment warranty.

FOR MORE

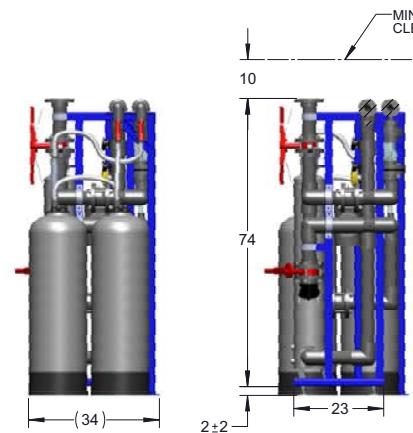
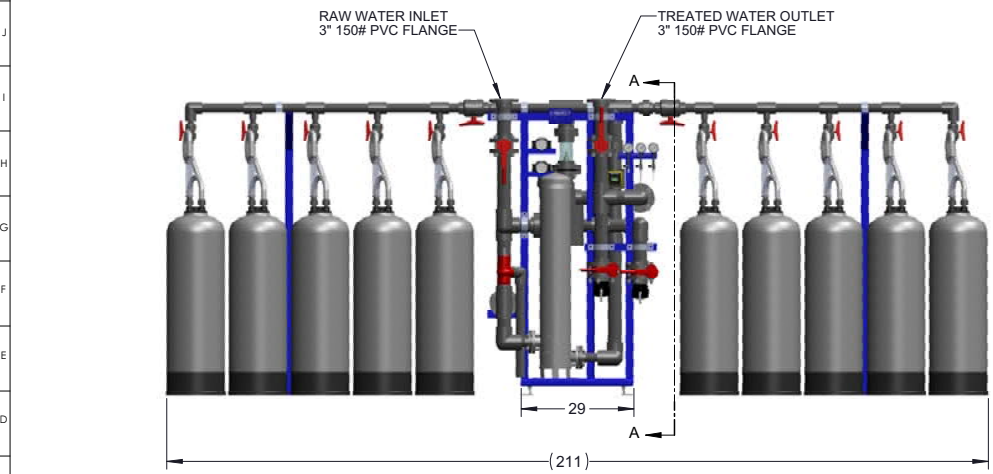
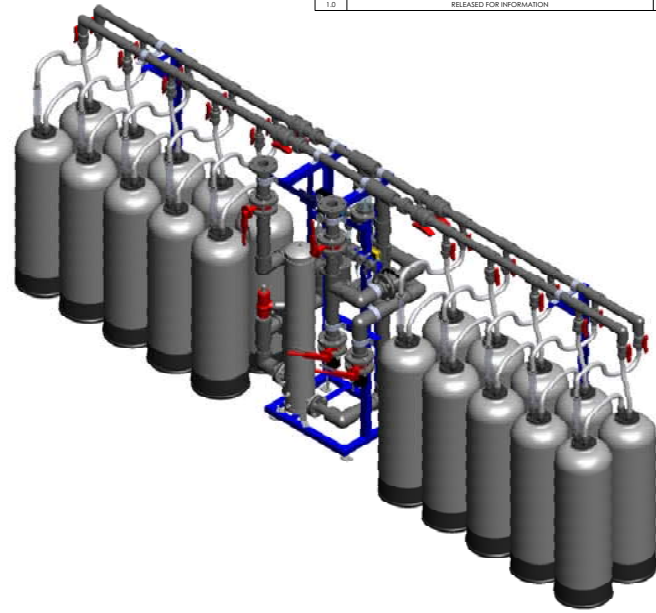
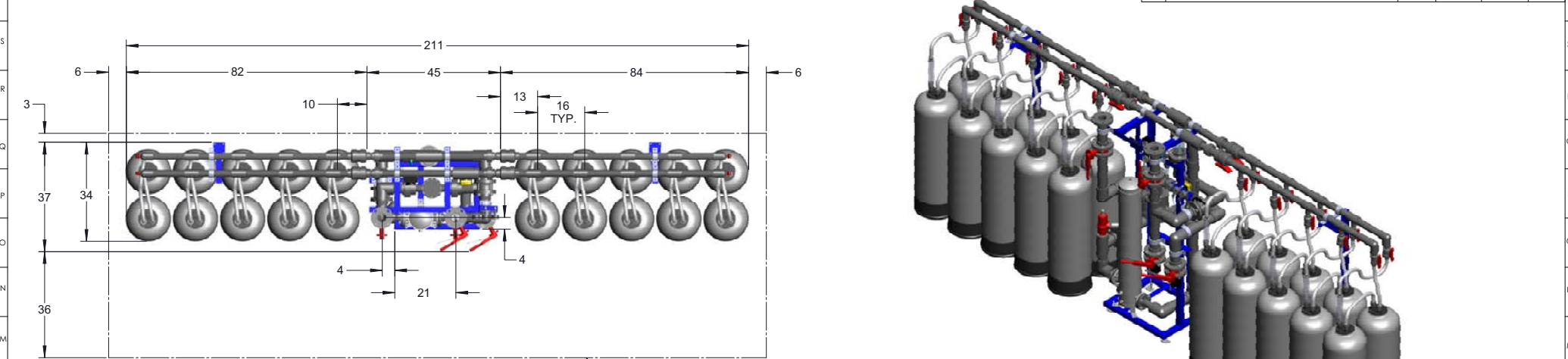
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WWW.WRTNET.COM



Clean water. Clean earth. That's our promise.™

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	REVISIONS						
	REV.	REVISION DESCRIPTION	DATE	DRAWN BY	APPROVED	MGR. APPROV.	
	A.D.	ISSUED FOR INFORMATION	3/20/08	KRS YATES	DAVE EVANG	N/A	
	1.D	RELEASED FOR INFORMATION	4/7/2008	KRS YATES	DAVE EVANG	N/A	



NOTES:

DIMENSIONS AND PIPING ORIENTATION ARE APPROXIMATE.

TYPICAL CLEAN PRESSURE DROP THROUGH SYSTEM IS 15 PSI*

MAXIMUM OPERATING INLET PRESSURE 100 PSI*

MINIMUM OPERATING INLET PRESSURE 75 PSI (ASSUMING A 30 PSI DIRTY PRESSURE DROP ACROSS SYSTEM*)

*DOES NOT ACCOUNT FOR ANY LOSSES DUE TO REQUIREMENTS EXTERNAL TO WRT SYSTEM.

ALL PIPING, FITTINGS, GASKETS, HARDWARE, SUPPORTS AND OTHER APPURTENANCES REQUIRED TO CONNECT THE WRT SYSTEM ARE NOT INCLUDED.

ANY PIPING AND ELECTRICAL WORK NECESSARY FOR THE CUSTOMER/WRT SYSTEM INTERFACE IS NOT INCLUDED.

FREIGHT, HANDLING AND INSTALLATION ARE NOT INCLUDED.

A SUITABLE SITE FOR THE WRT SYSTEM IS REQUIRED WITH APPROPRIATE WEATHER PROTECTION.

WRT HIGHLY RECOMMENDS CUSTOMER TO INSTALL SECONDARY CONTAINMENT.

ISSUED FOR INFORMATION
4/8/2008
NOT FOR BID
NOT FOR CONSTRUCTION

SECTION A-A
SCALE 1 : 16

WRTSTD-U3.6X100	100 GPM	10	20
WRTSTD-U3.6X80	80 GPM	9	18
WRTSTD-U3.6X60	60 GPM	8	16
WRTSTD-U3.6X40	40 GPM	7	14
WRTSTD-U3.6X20	20 GPM	6	12
WRT PART NO.	FLOW RATE	NO. OF TRAINS	NO. OF BOTTLES

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PROJECT: WRTSTD
TITLE: WRT STANDARD URANIUM SYSTEM 50 TO 100 GPM
WRTSTD-R3.4X38-9101

SIZE	DWG. NO.	REV
D	WRTSTD-U3.6X100-9101	1.0
SCALE: 1:6		SHEET 1 OF 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32