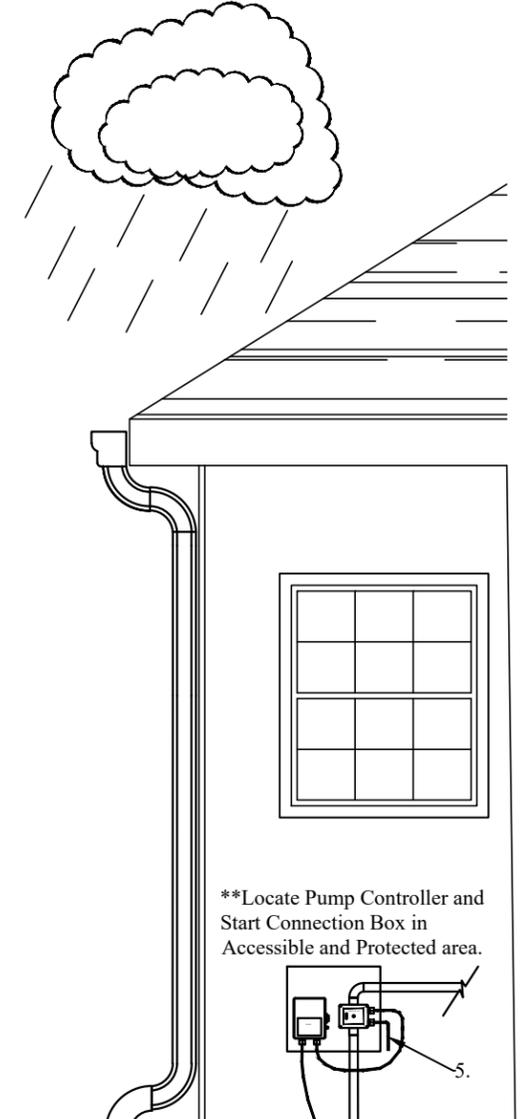


# REVISIONS

REV	DESCRIPTION	DATE	APVD
A	Updated	01/23	

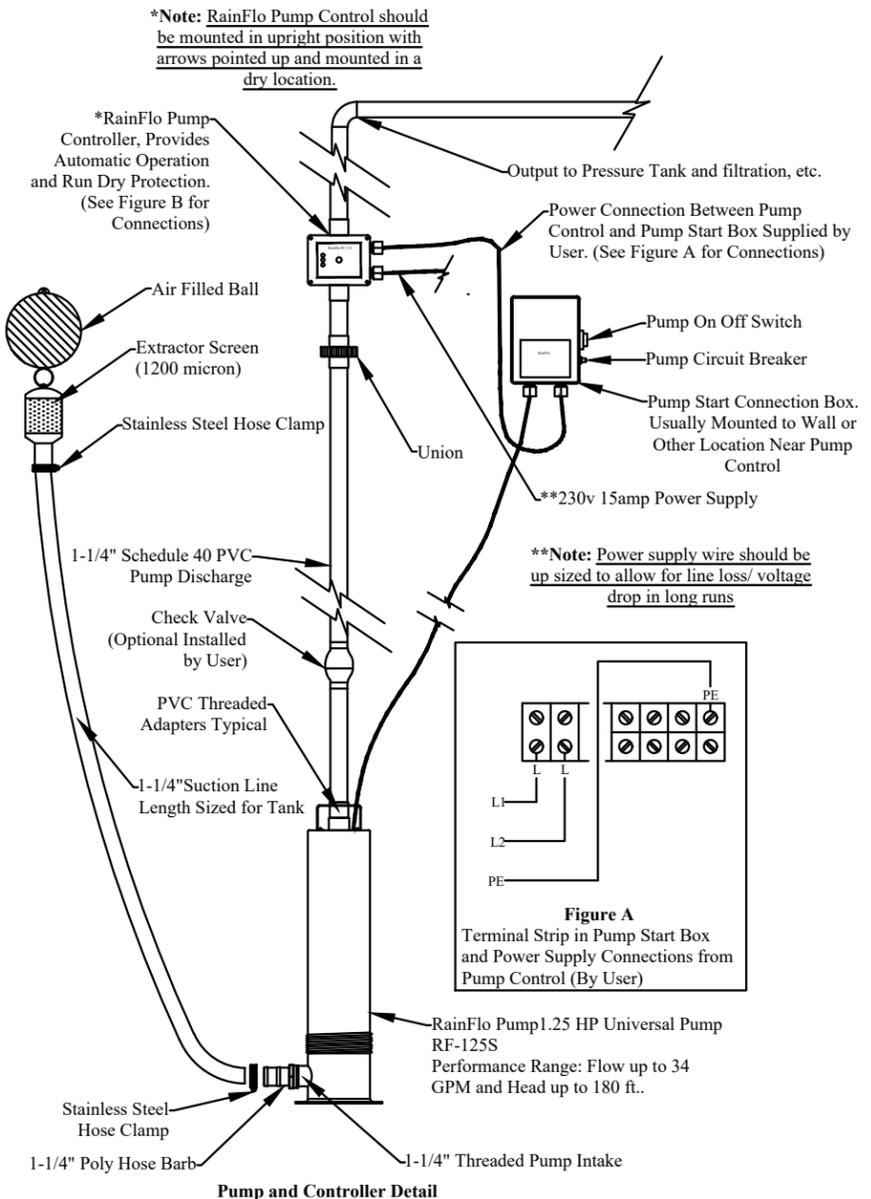


**Important Information**  
 Warning: Do not drink untreated rainwater. This system does not include disinfection, therefore is non-potable water. Refer to our filtration products for potable water solutions. User shall determine the suitability of the product for the intended application before installation. NO WARRANTY of MERCHANTABILITY, FITNESS for PURPOSE, or OTHERWISE is explicit or implied. User assumes all risk and liability whatsoever in connection with, regardless of any employee's suggestions or statements, the system application or construction. Furthermore, consult local building codes for system use, conditions, restrictions, or requirements.

### GRAF Optimax High efficiency, Self-Cleaning, In Tank Filtration System:

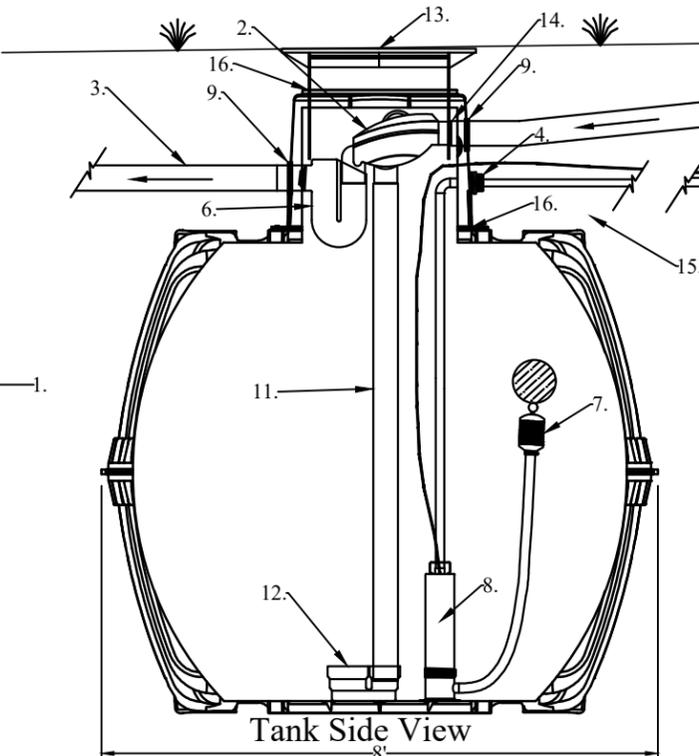
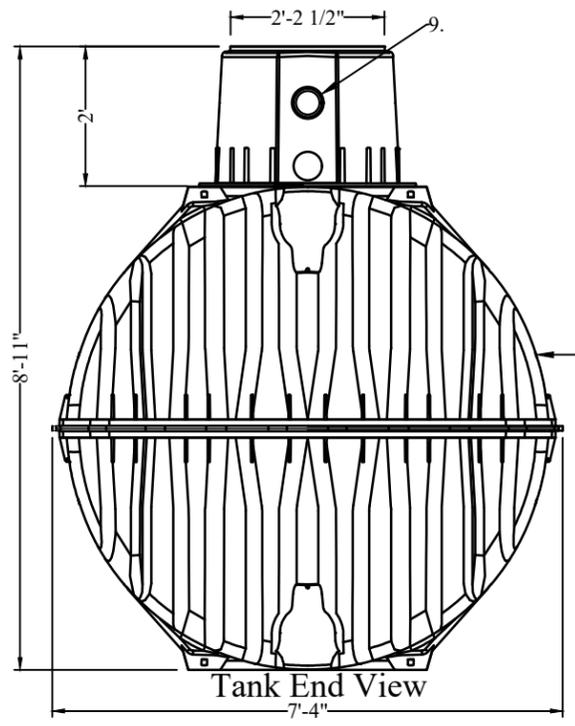
- \* Filter specially developed for rain water harvesting
- \* Low maintenance; self cleaning
- \* Only 6.5" height offset between inlet and outlet
- \* 0.35mm (.01") mesh filter
- \* Transparent cover for easy maintenance
- \* Optional Opticlean® Sprayhead
- \* Over 95% yield
- \* Self-cleaning filter
- \* Max. 3,750 sq. ft. with 4" connections
- \* Space saving filter technology integrated in the tank

Legend	
1.	GRAF Carat S 1700 Gallon Underground Tank.
2.	GRAF Optimax Pro Internal High efficiency, self-cleaning, In Tank filtration system.
3.	4" overflow drain to storm drain or other. Typically 4" PVC Sewer and Drain.
4.	1-1/4" Bulkhead Fitting for plumbing thru tank or riser assembly.
5.	230v Power supply.
6.	Overflow siphon.
7.	GRAF 1-1/4" Floating Pump Extractor with 1200 Micron Coarse Screen
8.	RainFlo 1.25 HP 115v Submersible Rainwater Pump High performance submersible rainwater pump with stainless steel base and 1-1/4" threaded inlet for use with a floating filter.
9.	4" Pipe Gasket.
10.	4" PVC from Roof Gutters and Downspouts (By Others).
11.	4" Thin Wall PVC Pipe for Connection to Calming Inlet (By Others).
12.	Calming inlet to prevent the disturbance of the fine sediment layer at bottom of tank.
13.	Adjustable Riser and Childproof Lid.
14.	Graf Spanfix 4" Pipe Coupler.
15.	Pump Output Line to Pump Controller and Irrigation (By Others).
16.	Dome and Shaft Seal Gaskets.



### GRAF Carat S 1700 Gallon Tank Specifications:

- 1. Variable burial depth: 30" to 42" (59" Max. with optional dome extension and "Maxi" telescopic riser).
- Unique in the world! – a global innovation: unique manufacturing process produces the highest stability due to latest techniques.
- Unique fit accuracy of the components thanks to new production process.
- Consistent quality due to TÜV safety testing and production monitoring.
- Vehicle-bearing (with telescopic cast iron manway kit). Groundwater stable up to the middle of the tank due to extremely rigid construction.
- Secure investment with market leading 15-year warranty. Made from high quality Duralene; easy to recycle.
- Can be expanded as required.



Tank height should be set and plumbing pitched to best utilize existing grade. A site assessment should be done prior to installation to determine the optimum levels for filter and plumbing so as to provide positive drainage to tank and stormwater overflows.



NOTE: This drawing is for illustrative purposes only. Actual systems and designs may vary. Always check with local building codes as they will apply. Electrical work to be performed by licensed professional. Points of use shall be labeled as: "Non Potable water, Do Not Drink!"

THIS DRAWING IS A CONTROLLED DOCUMENT. RAINHARVEST SYSTEMS. ALL RIGHTS RESERVED			
ADDITIONAL RESOURCES	DWN	RainFlo 1700IG 230 Collection System	
	CMG	RainHarvest Systems LLC. 4475 Alicia Lane Cumming, GA 30028 Tel: 770-889-2533 www.rainharvest.com	
	CHK		
DIMENSIONS	APVD		
INCHES	CMG		
SH.#	WEIGHT		
1 OF 1	SIZE	B	SCALE NTS
	ITEM NO		QUOTE NUMBER