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Let's Solve Water

FAQs

ResiBoost

FREQUENTLY ASKED QUESTIONS

1. Can the ResiBoost package pull a prime?

Answer: ResiBoost package is used with a multistage pump and is not used for pulling a prime, most suitable application for this unit is flooded suction.

2. Is wiring required when installing the ResiBoost package?

Answer: The 115V units do come with a plug, however the 230V version are supplied with flying leads to be hard wired to a dedicated circuit.

3. Can the ResiBoost package be installed with a holding tank that uses an air injector/blower pump to evacuate unwanted contaminants from the water?

Answer: The ResiBoost can be installed on a holding tank system with an air injector, however due to the introduction of air into the system it may be necessary to adjust the dr (dry run) setting to a different value than was previously programmed upon assembly.

4. Can the controller be used on other surface pumps?

Answer: The controller can be used on other surface pumps, however it is not recommended to utilize single phase motors. For instance if you chose to operate a Jet pump J5S with this unit, purchase the 3 phase version J5S3 with a RB32309 controller, or use with single phase unit without centrifugal switch.

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ResiBoost

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5. Is a bladder tank necessary for proper operation, or is this an optional item?

Answer: A small bladder tank is necessary for stable operation in most applications. Occasionally a larger tank may be used for some applications.

6. How much air should I have in my bladder tank?

Answer: The tank should have 20 PSI less than the pressure set point. For example: Set Point 60 PSI = Tank Pressure 40 PSI. The tank received with a ResiBoost package comes pre-charged with 40 PSI.

7. What is the minimum incoming water line size that can be used to connect to ResiBoost?

Answer: The standard municipal feed into a home is ¾" or 1". Both of these are acceptable to connect the ResiBoost to. The installer may need to use additional fittings to connect to the controller since the inlet side is larger than your incoming line. Remember, the pump doesn't make water. If the consumer's issue is related to flow rate and not pressure this pump package will not improve the flow rate.

8. When starting the ResiBoost on a system with a holding tank, a dry run fault came up on initial install. How is this corrected?

Answer: Enter the Basic menu and change the parameter dr which is dry run trip set point. The default value is at 65%, this means the A1 fault will occur when the actual motor current drops to 65% of the set value. Observe the curent while running. Enter the Basic menu and change the parament of dr to a value lower than the current observed. This nuisance fault can happen due to the air that may be present when delivering from a storage tank. This should not happen in a municipal supply, flooded suction.

9. Does the ResiBoost System have a connection for an additonal low pressure switch?

Answer: Yes, an additional switch for pressure can be added to the system. The cover of the controller would need to be removed and a 2 conductor 18 to 14 AWG cable attached to the input on the back of the controller board. Be very careful to close cover and tighten properly so as not to allow any moisture to enter the drive.

This is a living document. Let us know if you have an interesting question that should be answered and added here. Send them to: jill.boudreau@xylem.com.

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Xylem Inc.
2881 East Bayard Street Ext., Suite A
Seneca Falls, NY 13148
Phone: (866) 325-4210
Fax: (888) 322-5877
www.xylem.com/goulds