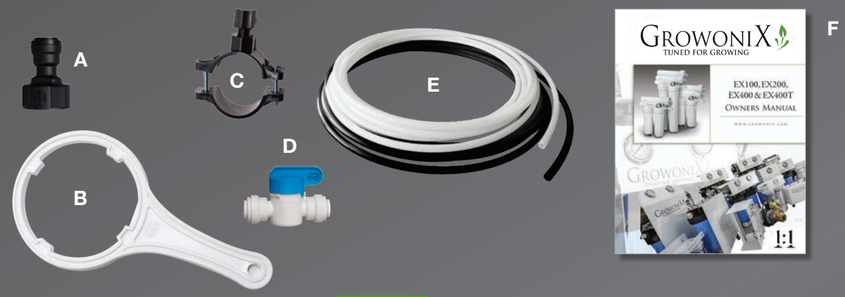
GROWONIX
TUNED FOR GROWING



QUICK START GUIDE FOR EX-100/200

1 CHECK CONTENTS

A. Garden Hose Adapter
B. Filter Wrench
C. Drain Clamp
D. 1/4" Ball Valve
E. Tubing
F. Instruction Manual



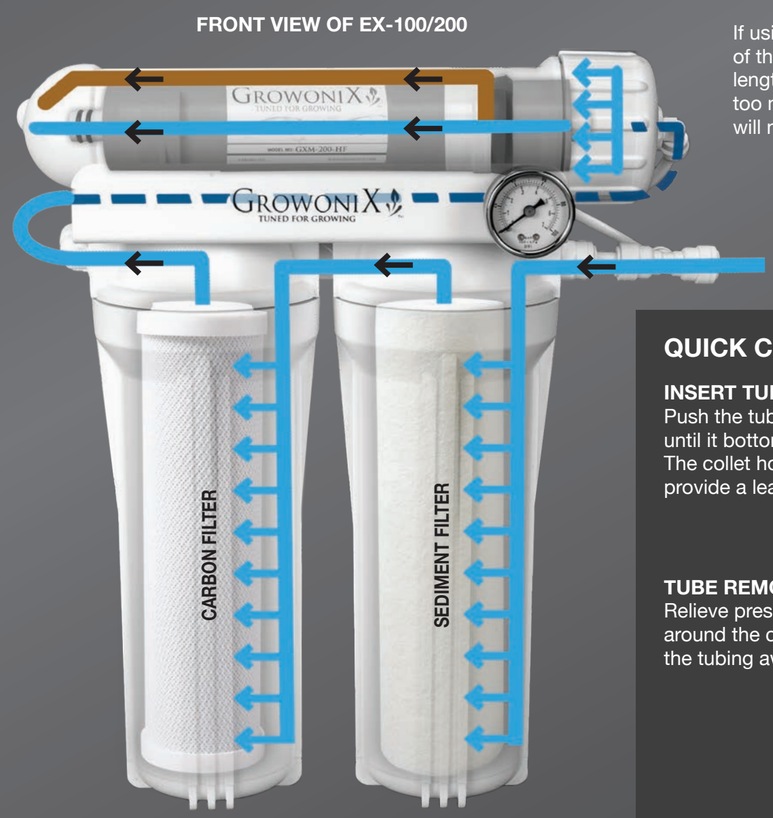
2 CONNECT THE RO/PERMEATE & DRAIN TUBING

Connect the white tubing to the auto shutoff valve (ASV)—this is the RO product or permeate water. Connect the other end to a storage tank or reservoir. Make sure tubing length does not exceed 20', otherwse added back pressure will increase the system ratio. If longer length is needed, the tubing should be upsized.

3

Connect the black tubing to the flow restrictor—this is the drain water. Connect other end of drain tubing to included drain clamp. Make sure tubing length does not exceed 20', otherwse added back pressure will decrease the system ratio. If longer length is needed, the tubing should be upsized.





4



A 1/4" drain clamp is included with the system. Mount the drain clamp to an available drain pipe or simple drain.

5 CONNECT THE INLET WATER SUPPLY

3/4" and 1" CTS tubing can be used as well. This example shows 3/4" garden hose connected to the supplied hose union.

If using a garden hose make sure the inner dimater of the hose is between 3/4" and 1", and the total length of the hose does not exceed 20'. Otherwise too much pressure drop will occur and the system will not perofrm correctly.



QUICK CONNECT FITTINGS

INSERT TUBE INTO FITTING
Push the tubing through the collet and dual o-rings until it bottoms out against the tube stop.
The collet holds the tube in place and the dual o-rings provide a leak resistant seal.



TUBE REMOVAL
Relieve pressure from the tubing and fitting. Push uniformly around the collet flange against the fitting body while pulling the tubing away from the fitting to release it.

PUSH COLLET IN



PULL TUBE OUT

6 FLUSHING THE CARBON FILTER

It is essential to always flush the pre-filters (sediment & carbon) thouroughly before connecting to the membrane element.

KDF carbon filters, especially, need to be flushed upon initial use—and every time the RO system is moved.

Carbon fines can cause premature failure of the membrane element. The only way to avoid this is through flushing the carbon filter.



Point this tubing down into a bucket or drain, and slowly turn on the incoming water supply. Carbon dust will start pouring out. Flush KDF carbon filters for at least 10 gallons.

After the carbon is flushed, turn off incoming water supply, and connect the tubing to the membrane input, making sure tubing is properly seated.

7 CONGRATULATIONS

You have connected your Growonix product. Please follow the instructions below to get started

A) Turn on incoming water pressure slowly, allowing all the air to purge from the system.

B) When air bubbles cease to be seen in either the RO (white) or drain (black) tubing, the air is purged.

C) Allow membrane to flush for at least 30 minutes prior to use.