

SunGrabber™

-AGP Accessories-

Part Number 366 - Manual By-Pass Valve Kit

Application: To regulate flow to your SunGrabber™ system and to reduce excessive backpressure on your pool pump.

Kit Contents	
Quantity	Description
1	1 1/2" Manual Valve Assembly
4	1 1/2" barb adapters

Additional Parts Required	
Quantity	Description
2	Flexible pool hose: 1 1/2" x required length
4	1 1/2" hose clamps

Tools Required: flat screwdriver, 1/4" socket driver, PVC Primer/Solvent Cement

Instructions:

1. Push all four 1 1/2" hose adapters into the manual valve assembly as shown using PVC Primer/Solvent Cement. Follow instructions of the PVC Primer/Solvent Cement manufacturer for proper solvent welding techniques.

2. Wait approximately 5 minutes for all welds to adequately cure.

3. Turn off your pool pump.

4. Block the inlet and outlet of your pool using the plugs supplied by your pool manufacturer or a suitable alternative.

5. Unhook the hose from the "Inlet" adapter of your SunGrabber™ and attach it to the "From Filter" barb adapter of the valve assembly.

6. Install a hose from the "To Panel Inlet" barb adapter of the valve assembly to the "Inlet" adapter on your SunGrabber™.

7. Unhook the hose from the "Outlet" adapter of your SunGrabber™ and attach it to the "From Panel Outlet" barb adapter of the valve assembly.

8. Install a hose from the "To Pool" barb adapter of the valve assembly to your pool inlet.

9. Make sure to tighten all hose clamps.

10. Make sure the valve is in the open position with the red safety clip installed.

11. Unblock the inlet and outlet of your pool.

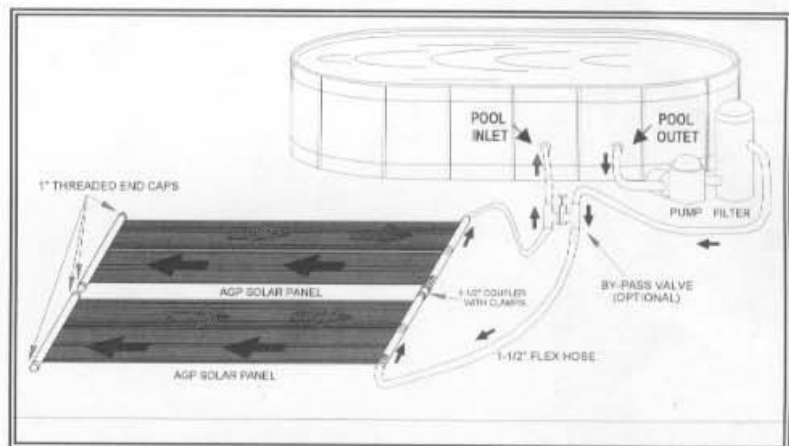
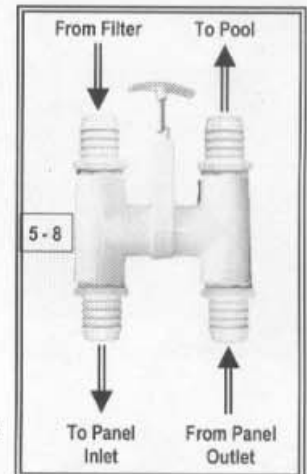
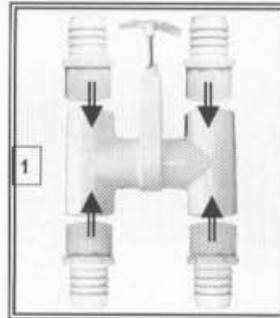
12. Turn your pump on and check the hose clamps and plumbing for leaks. If there is a leak at a clamp you will need to loosen the hose clamp, push the hose further onto the barb adapters and re-tighten the clamp.

13. Take note of the pressure on your pressure gauge with the manual valve all the way open.

14. Push in the valve handle all the way or until you see a reasonable pressure increase on your filter gauge.

15. This is your optimum valve setting for your SunGrabber™.

16. Make a mark on the valve stem with a black marker, and always re-open the valve to this point when activating the solar system.



Typical Installation with Manual By-Pass Valve Kit