



SPHERE

SOLAR POOL HEATING ENERGY REGULATOR ELEMENT

GO SOLAR THE SMART WAY WITH
'SPHERE' SOLAR CONTROL SYSTEM -
EFFICIENT, EASY AND HASSLE-FREE



THE ULTIMATE SOLUTION FOR EFFORTLESS INTERCONNECTION AND CONTROL OF YOUR SOLAR POOL HEATING SYSTEM.

BY COMBINING FORM AND FUNCTION, SPHERE REDUCES PLUMBING NEEDS AND IMPROVES QUALITY AND INSTALLATION TIME.



Save time, reduce installation issues, and provide a more professional product by using SPHERE on solar pool heating installations. SPHERE reduces installation time and complexity resulting in fewer manhours and mistakes on every job.

Pool owners will enjoy a more visually pleasing product from the same manufacturer as their solar pool heating collectors. Together, SPHERE and the solar pool heating collectors form a cohesive ecosystem to provide trouble-free pool heating at zero operating cost.

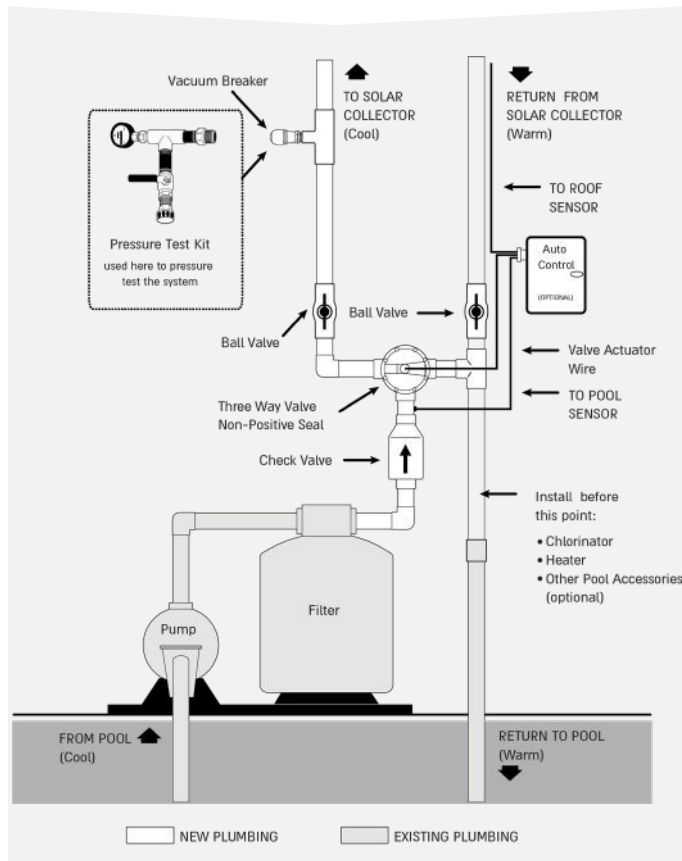
FEATURES & BENEFITS

- » Factory-built solar pool heating interconnection unit that takes the place of field-installed plumbing at the equipment pad
 - > 2" Sch. 40 PVC plumbing
 - > Union fitting connections
 - > Check valve
 - > Non-positive seal 3-way diverter valve with actuator motor
 - > Pre-installed water temperature sensor with included roof temperature sensor
- » Pressure tested to guarantee zero leaks
- » Easily mount to a wall or stand with the included mounting bracket.
- » Sleek enclosure hides all plumbing components
- » Magnetically secured access panel provided quick, tool-less access
- » Ready to connect to any solar pool heating controller or pool automation system
- » Reduces 12+ plumbing connections to four
- » Estimated time savings of 2+ hours to reduce installation times and manhours
- » Onboard, proprietary controller to be available soon

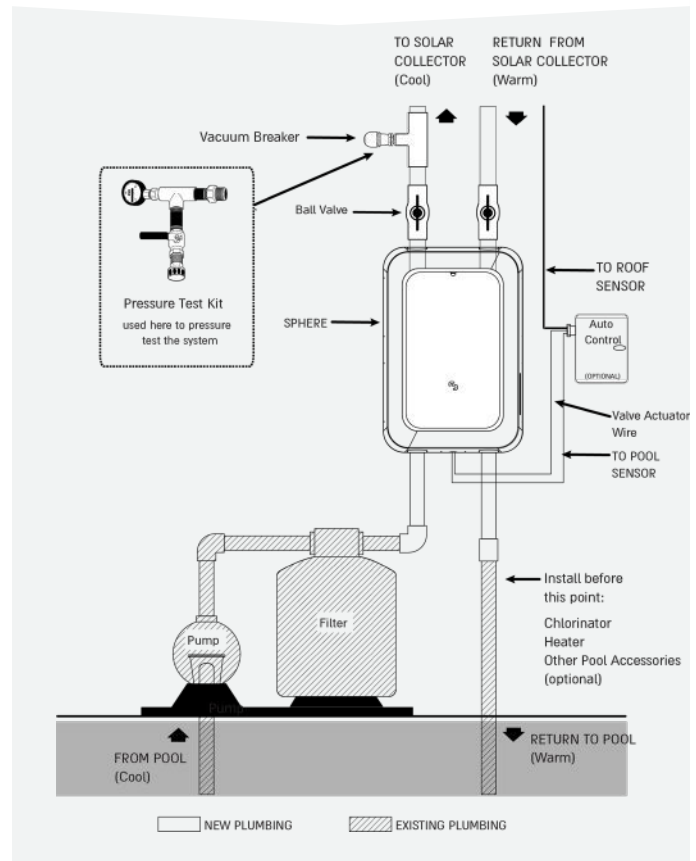


CONNECTING TO THE POOL EQUIPMENT

Traditional Method



SPHERE



REQUIRED COMPONENTS

Traditional Method	SPHERE
6 ft. Pvc Pipe	/
2 Pvc Elbows	/
Pvc Tee	/
Pvc Check Valve	/
3-way Diverter Valve	/
Valve Actuator	/
Temperature Sensors	/
Gear Clamps	/
4 Pipe Straps	/

	Traditional Method	SPHERE
Plumbing Connections	12 +	4
Installation Time	2-3 hours	30 min.
Factory Tested For Leaks	No	Yes
Aesthetically Pleasing?	No	Yes
Specifically Designed For Solar Pool Heating?	No	Yes

For more information contact your Authorized Dealer or visit www.mageneco.com/us/sphere





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