



## Product Installation Tips

At Rawal Devices our technical team is constantly working to help improve the efficiency and effectiveness of your next APR Control install. The “product installation tips” is a periodic release of the most common questions we are asked by installing contractors and service technicians. The answers will help streamline your next APR Control install.

## APR Control Installation Orientation

When installing an APR Control the orientation must be addressed. The APR Control can only be mounted in such a way that the Schrader/access valve is located down and the mixed gas discharge to the suction outlet up. ANY OTHER POSITION OR ORIENTATION IS UNACCEPTABLE AND WILL LEAD TO SYSTEM PROBLEMS AND LIKELY DAMAGE.

## Brazing in the APR Control

The valve bodies of the APR Controls are made from different types of metal, and therefore must be protected during the brazing process. We recommend following proper brazing techniques, as you would when installing a TXV. When applying heat to the APR Control’s valves we strongly recommend wrapping the bodies of these valves in a heat absorbing paste or wet rag, which will allow you to avoid damaging the valve bodies and the inner workings of the valve, ensuring proper function of your APR Control.

## Sensing Bulbs

The sensing bulbs of the APR Control need to be strapped to the suction line between the mixed gas discharge line tee (labeled ‘M’ on our installation drawings) and the compressor. These sensing bulbs must be insulated to ensure they are sensing the temperature of the suction line as opposed to the ambient temperature. Please note that this is the only portion of the APR Control that should be insulated.

## Rawal Technical Support

Whether you’re installing the APR on new equipment or retrofitting an existing system, Rawal Technical Support can provide the technical application and device expertise you need. Call 800-727-6447 or email at [techsupport@rawal.com](mailto:techsupport@rawal.com)