



**ANVER VT-RAV-M/S-CV
Release Assist Valve**

All ANVER VT Vacuum Tube Lifters can be equipped with a release assist valve, model VT-RAV-M-CV for the Mini size lifters and VT-RAV-S-CV for the Standard size lifters. The VT-RAV-M/S-CV valve will aid in the release of any load, and is especially useful when handling loads that require extra effort to break the vacuum seal when attempting to release the load. The VT-RAV-M/S-CV is recommended for use with multi-pad vacuum tube lifters equipped with articulating extended length handles.

Installation Instructions:

The VT-RAV-M/S-CV valve consists of a knob operated release valve for release of the load, and a hose assembly. The VT-RAV-M/S-CV is attached to the handle in a convenient location. The hose barb fitting is screwed into one of the threaded ports on the manifold block above the load beam or pad attachment. If all of the four ports are being used, remove one hose and fitting from the manifold and install a close pipe nipple and tee into the port, replacing the fitting and hose into the end of the tee, a longer hose may be required. The hose barb is then screwed into the side of the tee aiming the hose towards the handle. The hose can then be attached to the hose barb fitting on the manifold and to the rear of the VT-RAV-M/S-CV - the hose may have to be shortened to fit the handle properly. Use wire ties to keep the hose up close to the handle to prevent from being caught during use.

Principle of Operation:

The operation of the lifter for attaching and lifting the load is the same as for a standard lifter without this feature. For proper standard operation see VT System User's Guide + Safety Instructions Doc. No.: 120 00 002.

To release the load, once the load is in its release position, fully depress the control lever, and tilt up the pad attachment to break the seal. If the seal cannot be broken in this manner, pull and hold the RED release knob while holding the control handle down. Once the seal is broken, and the load is released, release the control handle and the RED release knob, and the lifter will rise up. Once the lifter is clear of the load, reposition the vacuum lifter to its working height.

WARNING

DO NOT OPERATE THE RED RELEASE KNOB WITH THE LOAD SUSPENDED. THE LOAD WILL DROP SUDDENLY WITHOUT WARNING, AND THIS MAY CAUSE INJURY.

DO NOT OPERATE THE RED RELEASE KNOB WITHOUT A LOAD, THE LIFTER WILL DROP SUDDENLY. STAND CLEAR OF THE LIFTER DURING OPERATION.