Installation Suggestions
QCC1 Connection for RV's

Figure 1

Hose length and cylinder valve orientation:

It is important to ensure that the movement required for thermal activation is not restricted, therefore hose assembly lengths and valve orientations are recommended that minimize side load forces and prevent hoses from pushing against rigid cylinder covers or compartment walls and doors (Figure 1). The hose must not extend beyond the shoulder of a cylinder when a rigid cover is used (Figure 2). The hose must not push against compartment walls or doors in any way that will restrict lateral movement needed for thermal activation (Figure 3). Also hose lengths and cylinder valve orientations should be positioned to eliminate tension or pulling on hoses that might cause kinking of the hose, side load forces on the connection or contact with the edges of the cylinder collar (Figures 4 and 5).

Correct Installation: correct hose length and valve orientation.

Incorrect Installation: correct valve orientation but incorrect hose length causing contact with a rigid structure.

Incorrect Installation: correct valve orientation but incorrect hose length causing the hose to kink.

Incorrect Installation: correct hose length but incorrect valve orientation causing the hose to push back into the wall restricting lateral movement

Incorrect Installation: correct hose length but incorrect valve orientation causing the hose to kink or contact the cylinder collar.
When a second cylinder is added, a tee check is used to replace the inlet elbow and two new pigtails are added. The regulator stays mounted in the original position. Position the cylinder so the valve of the new cylinder is aligned parallel with the face of the camper’s front wall. Pigtail hose length must be long enough to avoid tension or pulling stress at either end of the hose or contact with edges of the cylinder collar. Pigtail hose must be short enough to avoid contact with rigid cylinder covers. Pigtails will have 1/4" inverted flare end to thread into tee check.