



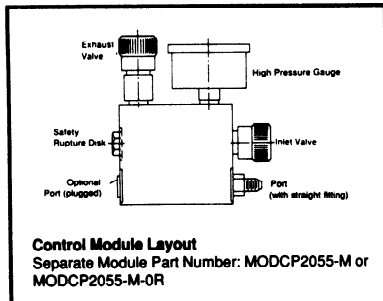
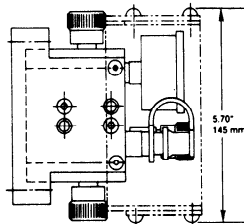
## Tanker™ Systems Modular Control Panels

**TELEDYNE FLUID SYSTEMS**  
Hyson Products

### Modular Control Panel

The Modular Control Panel (MODCP) is designed to conveniently control individual Tanker gas springs or banks of Tanker gas springs from one central control unit. This approach allows for adding or subtracting control modules to meet specific and changing requirements.

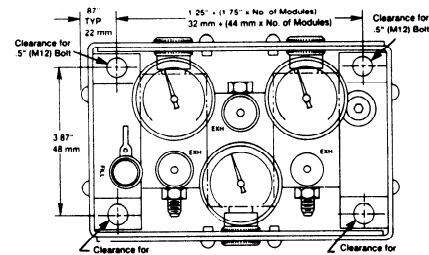
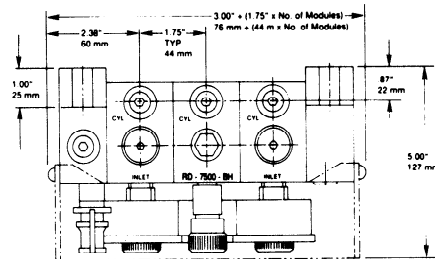
1. The MODCP can control each individual Tanker or bank of Tanker gas springs in a system.



*Note: Add an "OR" extension for OR-style MODCP's.*

2. The MODCP can add or subtract modules as requirements add or subtract Tanker gas springs to the system.
3. Each module can bleed off pressure, change pressure, and read pressure as if each gas spring had its own control panel.

**Note: Each module contains a rupture disc.**



1. The module on the far left must be installed with gauge up as shown.
2. Always install additional modules on the right.

To Order: Description	Part Number
2 System Control Panel	MODCP2055-2
3 System Control Panel	MODCP2055-3
Up to 11 System Control Panel	MODCP2055-___

### Instructions for charging a Tanker or bank of Tanker gas springs using the Modular Control Panel (MODCP):

1. Verify that all hoses are properly installed in the Tanker gas springs and MODCP. Any unused MODCP port can be plugged with a NF-771-4 plug. If a plug is not available to plug the open port of an unused module, then closing the inlet valve is acceptable.
2. Close all inlet and exhaust valves on the MODCP. Finger tight is adequate.
3. Connect the NCA-2600 nitrogen regulator from the nitrogen bottle to the quick disconnect fill valve on the end module of the MODCP. Open regulator to the maximum desired pressure.

**Note: Maximum charge pressure is 2000 psi/138 bar.**

4. To charge a Tanker or bank of Tanker gas springs

controlled by a particular module, slowly open the inlet valve of that module. As each module has its own gauge, observe the pressure in the Tanker using that gauge. At the desired pressure, close the inlet valve.

5. Repeat step 4 for each module and gas spring combination.
6. To decrease the pressure in a Tanker or bank of Tanker gas springs, open the exhaust valve on the module that controls those gas springs until the desired pressure is shown on its particular gauge.
7. After all systems have been charged, the NCA-2600 nitrogen regulator may be disconnected from the MODCP. Reattach the red cover to the quick disconnect fill valve.

**NOTE: All dimensions are nominal unless tolerance is stated.**