

## AVC-295-HP-13 Dual Pressure Console

### Application:

APSCO's new dual-purpose air tower is designed to operate combination hydraulic systems

### Console Functions:

1. Power Take-off
2. Hoist
3. Relief Pressure settings

**Console Installation:** connect all appropriate hoses for the following applications.

#### *Main Body Valve:*

- IN= Air Inlet Supply
- PTO= Power take-off
- TIP= Hoist/ Raise
- LOW= Hoist/ Lower
- EX= Exhaust
- OFF= Unused

#### *Push-Pull Valve (attachment):*

- (1) inlet
- (1) outlet: connect to pressure relief setting cylinder

### **1. Operation of a standard dump application:**

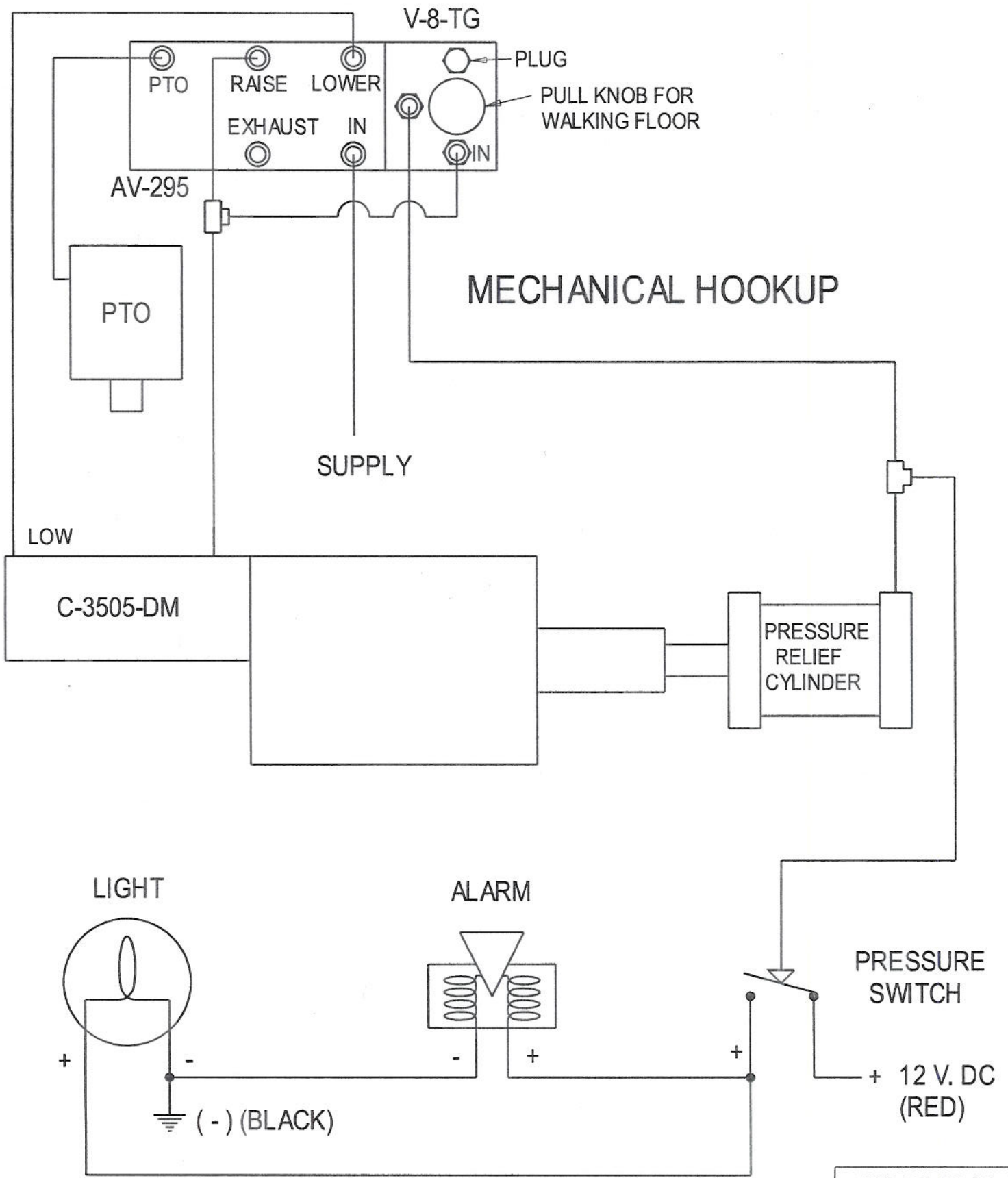
- a. Hook up trailer hoses.
- b. Engage the power take-off (LED light will come on while the power take-off is engaged).
- c. Operate the hoist control as desired. (Raise/ Lower)
- d. The standard console assembly will automatically disengage the power take-off in the lower position. (note: manual disengagement is an available option upon order.)

### **2. Operation of a live floor/ high pressure application:**

- a. Hook up trailer hoses.
- b. To set the pressure to high, pull the high pressure valve spool. This will change your system pressure to high. The high-pressure warning light will come on, and a chime will begin to sound.
- c. Engage the power take-off (LED light will come on while the power take-off is engaged).
- d. To begin operation, move the hoist control from its neutral position to the raise position.
- e. To return to standard pressure (2500 psi), shut off the high pressure valve. This will turn off the high-pressure warning light and chime.

***Note: Follow all pump instructions for operation. Hydraulic relief settings recommended by the pump manufacturer should be strictly followed. Not following the hydraulic pump manufacturer's relief setting recommendations could result in significant system damage and/or failure.***

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## ELECTRICAL HOOKUP

AVC-295-HP-13  
 11-01-05 REV. A  
 APPROVED:  
 K. THOMPSON