

# INSTALLER'S GUIDE

Library	Service Literature
Product Section	Unitary
Product	Unitary Accessory
Model	Power Supply Monitor
Literature Type	Installer's Guide
Sequence	43B
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<b>Models:</b>	<b>Used With:</b>
BAYPSMN001A	CGA120B
BAYPSMN002A	CGA180B
BAYPSMN003A	

## Power Supply Monitor

**IMPORTANT**—This Document is customer property and is to remain with the unit. Please return to service information pack upon completion of work.

### General

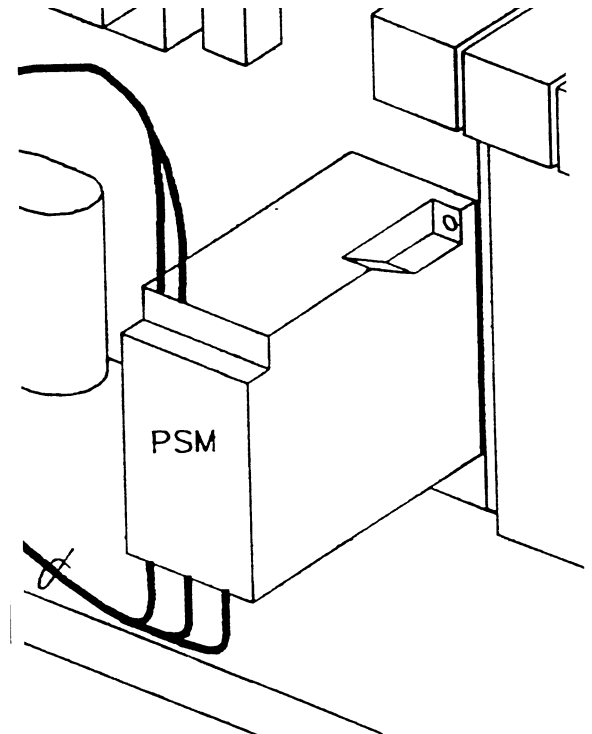
The Power supply monitors (PSM) referred to in this installer's guide are used with 10 and 15 ton cold generators that differ according to voltage. Therefore refer to table 1 to determine the appropriate PSM to use with each unit. And refer to the installation procedure to ensure proper installation of the power supply monitor.

### Inspection

Remove the power supply monitor from the shipping package and inspect for possible damage. If the accessory has been damaged, it should be reported to, and claims made against the transportation company immediately.

**Table 1 Power Supply Monitor Selection Chart**

BAYPSMN001A	BAYPSMN002A	BAYPSMN003A
CGA120B3	CGA120B4	CGA120BW
CGA180B3	CGA180B4	CGA180BW



**▲WARNING:** OPEN AND LOCK UNIT DISCONNECT TO PREVENT INJURY OR DEATH FROM ELECTRICAL SHOCK OR CONTACT WITH MOVING PARTS.

## INSTALLATION

(All CGA120 and CGA180 units)

1. Disconnect power to unit.
2. Remove control box cover and retain screws.
3. Mount the PSM in the location shown in Figure 1 and secure with two #10 screws provided. Mount the fuse block in the location shown in Figure 1 and secure with two #10 screws provided.
4. Remove and discard the jumper on the low voltage terminal board between LTB1-7 and LTB1-8.

5. Discard wire 35B if yours is a CGA120 unit. Discard wire 44C if yours is a CGA180 unit.
6. Refer to Figure 1 and to the wiring diagram pasted to the control box cover and install the five PSM wires as follows:

Wire 1X (RD) between PSM-L1 and FUS-1 (All Units)  
 Wire 2X (BL) between PSM-L2 and FUS-2 (All Units)  
 Wire 3X (BK) between PSM-L3 and FUS-3 (All Units)  
 Wire 1C (RD) between FUS-1 and CC1-1 (All Units)  
 Wire 2C (BL) between FUS-2 and CC1-2 (All Units)  
 Wire 3C (BK) between FUS-3 and CC1-3 (All Units)  
 Wire 37A (OR) between PSM-C and LTB1-B (All Units)  
 Wire 35B (RD) between PSM-NO and LTB1-7  
 (CGA180 Only)  
 Wire 44C (YL) between PSM-NO and LTB1-7  
 (CGA120 Only)

**Note:** Secure the PSM wires to the factory wire harness with wire ties. Do not allow PSM wires to contact control components or metal edges.

7. Install three 2 amp fuses provided in fuse block.
8. Replace the unit control box cover and secure with the screws retained in step 2.
9. Re-connect power to the unit.

**Figure 1**  
**Power Supply Monitor Location**  
**in Unit Control Box**

