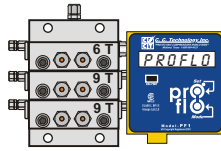


**Proflo®**  
Divider Block Monitor  
and Compressor  
Shutdown Protection



PDA  
Fluid Flow  
+ Trending Software  
Trends  
Oil Consumption



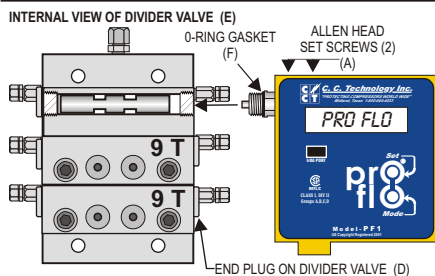
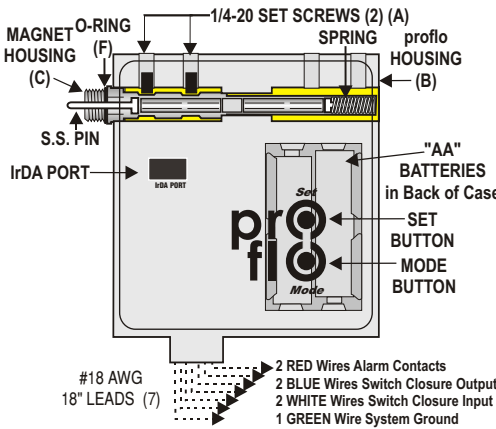
**TOTAL  
= COMPRESSOR  
PROTECTION**

Monitors Operation of ALEMITE - LINCOLN, - TRABON - - LUBRIQUIP - SB - DROPSA Divider Block Systems

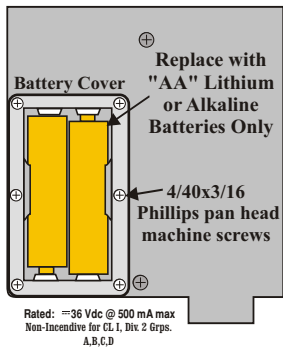
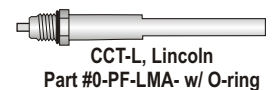
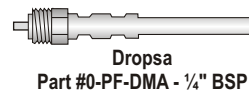
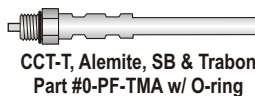
**WARNING: WELDING ON THE COMPRESSOR SKID OR PIPING WITH THE PROFLO WIRING CONNECTED TO ANYTHING WILL DESTROY THE PROFLO ALARM CIRCUIT OR CAUSE THE UNIT TO FAIL PREMATURELY. THIS WILL VOID THE PROFLO WARRANTY!**

**INSTALLATION PROCEDURE FOR proflo MODEL PF1**

1. Loosen all Allen head set screws (2) (A) on top of proflo case and remove magnet housing (C).
2. Remove end plug (D) from end of divider valve where proflo will be installed. The proflo may be installed on any convenient divider valve, top to bottom or on either side.
3. Be sure 0-ring (F) is in place on proflo magnet housing (C). Screw magnet housing (C) into end of divider valve (E). Torque to 15 foot pounds max.
4. Slide proflo the way on magnet housing (C). **Do Not** Over tighten set screws. 15 inch pounds max.
5. The LCD on the proflo indicates cycle time. Correct operation of the proflo can be verified by the compressor running or by manually pumping oil through the divider valve assembly with a hand purge gun. The LCD enables the operator to adjust the lubricator pump for correct cycle time. Recommended cycle time can be found on a tag on top of the lubricator box or by contacting the compressor manufacturer or the engineer who designed the lube system. If cycle time cannot be identified contact ARIEL RESPONSE CENTER at C C Technology at 1-800-664-4033
6. **NOTE:** All conduit and connections should be appropriate for area classification.
7. After installing the proflo or performing any maintenance on the lube system, compressor cylinders or packing, it is necessary to pre-lube the complete system with a purge gun to purge air from the divider blocks and all components-----" BEFORE COMPRESSOR START-UP".



The proflo must be installed with the correct magnet assembly for each divider block manufacturer



**To Replace "AA" Lithium Batteries**

Remove Phillips screws (6) located on battery cover on back of the proflo case. Remove cover to expose batteries. **NOTE: Remove plastic sleeve covering old batteries and slide plastic sleeves on new batteries before installation. After Inserting new batteries press the mode button until LCD displays "BATTERY". This tells the proflo to check battery power and reset to actual remaining battery power.** Replace battery cover, screws and gasket. Do Not over tighten screws. NOTE: If screws on battery cover are lost, replace with 4/40 x 3/16 phillips pan head machine screws.



**WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT OR CHANGE BATTERIES WHILE CIRCUIT IS LIVE. BATTERIES MUST ONLY BE CHANGED IN A NON-HAZARDOUS AREA.**

**Control Your Oil Consumption and Find Possible Cause of Premature Wear From Over or Under Lubricating with the proflo "Fluid Flow Trending" Software for the Palm operating System**

**Having Packing, Rod or Cylinder Wear Problems?**  
Order the proflo "Single Point Test Kit" to Test the Reliability of the Divider Block or Lube Pump at Each Injection Point. Instantly displays the quantity of oil injected into a single lube point!



1. Displays Oil consumption for Each 30 Minutes of Compressor Operation.
2. Displays Every Day the Compressor Was Over & Under Lubricated.
3. Displays Total Oil Consumption of the Compressor Lube System.
4. Displays Daily and Total Lost Dollars for over Lubricating the Compressor.
5. Displays Total Cycles of the Divider Block System .
6. Displays Total Run Time of the Compressor.

**Converts All Information to an Excel format for hard copy trending, graphing and presentation to management.**