



AURORA[®]

MODELS 481, 483 AND 485

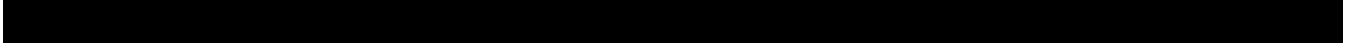
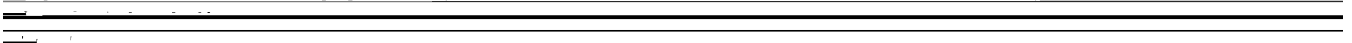
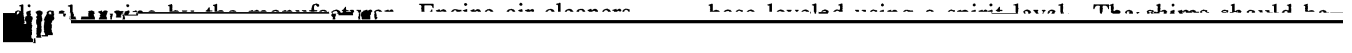
FIRE P MP

INSTALLATION AND OPERATION MANUAL

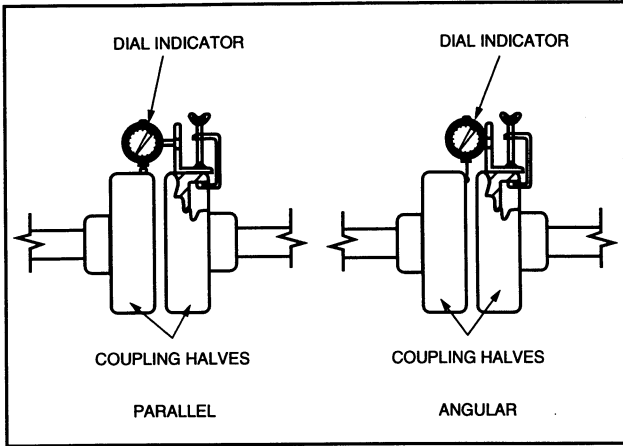
NOTE! To the installer: Please make sure you provide this manual to the owner of the equipment or to the responsible party who maintains the system.

MODELS 481, 483, 485

Two flexible flame resistant fuel hoses are attached to the leveling operation. Shims should be inserted and the unit
base leveled using a spirit level. The shims should be



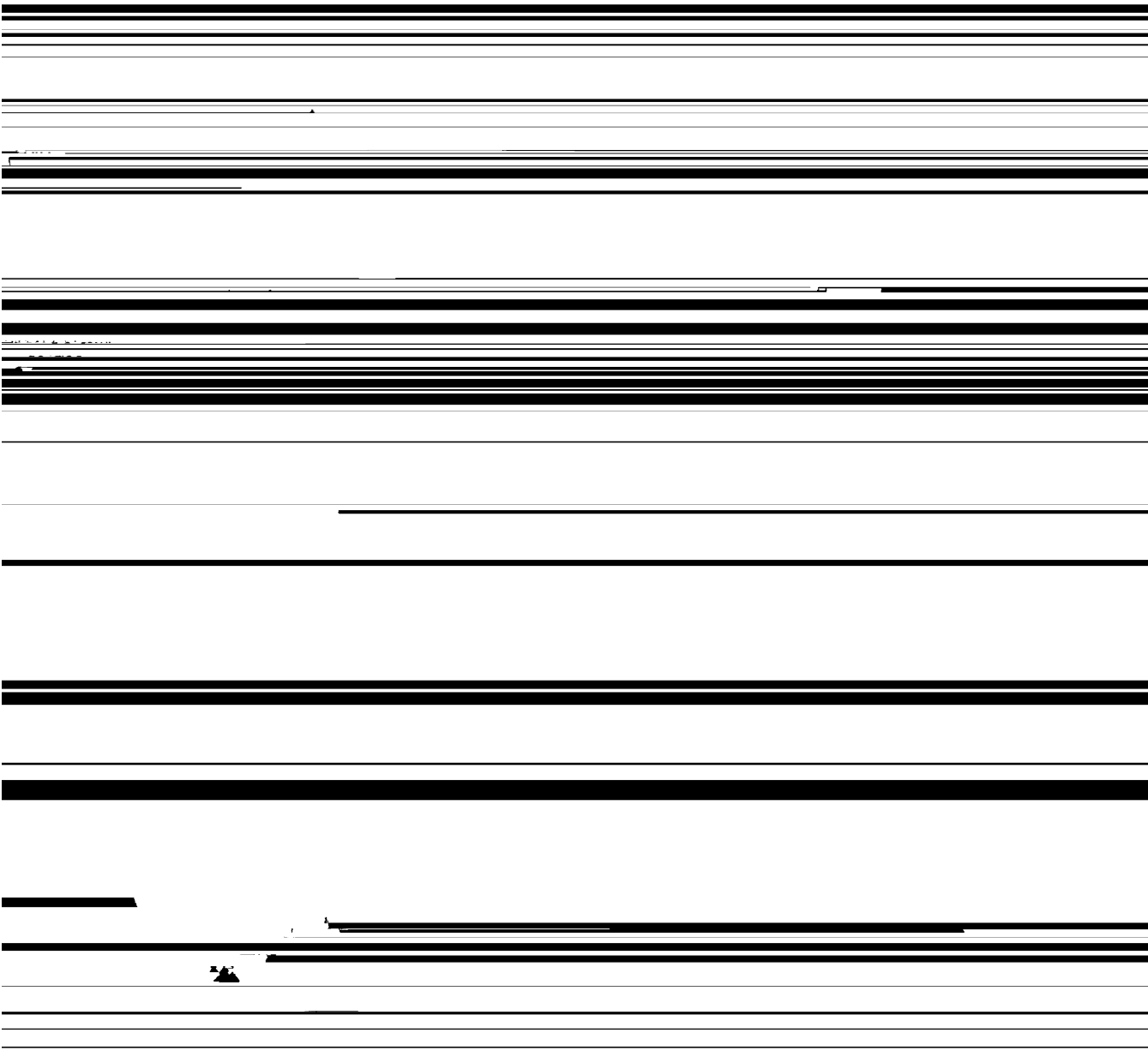
NOTE



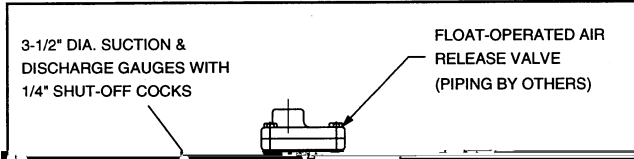
Any adjustment to correct one direction of alignment may affect the other direction. Therefore it is necessary to recheck both angular and parallel alignment after each adjustment.

When the unit is properly aligned, the foundation bolts can be tightened, but not too firmly. Waste material should be stuffed into the sleeves around the foundation bolts to prevent grout from filling the sleeves during grouting.

PIPING. Suction and discharge piping must be properly positioned and attached to pump. Positioning of the unit



MODELS 481, 483, 485



CONTROLLER WIRING. Wiring of the Fire Pump and Jockey Pump controllers should be made by qualified personnel in accordance with N.E.C. and other applicable local codes. Wiring to the electric motors should be connected as indicated in the specific wiring diagrams

MODELS 481, 483, 485

order to vent the system and visually verify the flow of water through the heat exchanger.

Diesel fuel is not furnished by Aurora and must be procured locally prior to start-up.

should be installed so that the supply outlet is at the same elevation as the engine's fuel pump. Since the unit base is usually elevated as described earlier, this may require

commercial grade muffler and flexible connector are furnished as standard on diesel Fire Pumps. If necessary, additional fittings needed for connecting these to the

MODELS 481, 483, 485

evaluation of the system with respect to back pressure. A larger muffler and piping may be required to allow the

substituted for elbows in the piping system. It is recommended that the flexible connector be placed as

engine to operate properly.

close to the engine's exhaust outlet as possible. The muffler and piping must be supported to prevent strain on

territories.

1) A hose and play pipe are connected to each valve on the hose manifold.

2) The discharge valve leading to the building's fire

equal to 500 GPM, readings of 1000 GPM, 1500 GPM, 2000 GPM, etc. can be determined.

9) Open the necessary hose valves to obtain the total rated flow. When this flow is assured, check and record the following data:

IMPORTANT

Upon successful completion of the field acceptance test, the following points must be verified:

- A. The discharge valve leading to the outside hose manifold should be closed.
- B. The discharge valve leading to the building fire

D. The main relief valve (if applicable) should be set to a pressure just above the maximum system pressure.

E. Both the Fire Pump and Jockey Pump controllers should be set to the "automatic" position.

F. Any alarm systems disabled during the tests should be reactivated.

