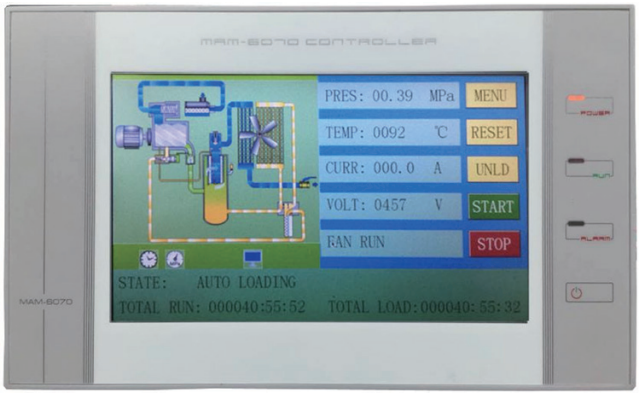
Operation & Basic Maintenance Guide

Verify that the power supply is correctly wired according to the electrical diagram. Turn on the main power supply. Press the Start/Stop button. After approximately 5 seconds, the controller will display the operating parameter screen. To stop the compressor, press the Start/Stop button again or disconnect the main power supply.





Start / Stop Button Function:

☞When the compressor is in standby mode, press the Start/Stop button to start operation.

☞When the compressor is running, press the Start/Stop button to stop the unit.

Indicator Light Description:



—Power Indicator: Illuminates when the controller is energized.



—Run Indicator: Illuminates when the air compressor motor is operating.



—Alarm Indicator: The light flashes for a warning and latches on solid for a shutdown. It extinguishes after the fault is cleared and the system is reset.

Installation & Operation Precautions:

(1)Install the air compressor in a clean, well-lit, and well-ventilated area, with sufficient clearance around the unit for maintenance and service.

(2)Place the compressor on a level and solid foundation to minimize vibration and extend service life.

(3)Inspect all piping connections, gauges, and electrical terminals for looseness or damage caused during transportation or installation. Tighten all connections as required. Ensure the discharge valve is open.

(4)Before initial operation, remove the main unit support brackets and motor transportation fixing brackets. Failure to do so may result in serious damage to the compressor.

Important Notes:

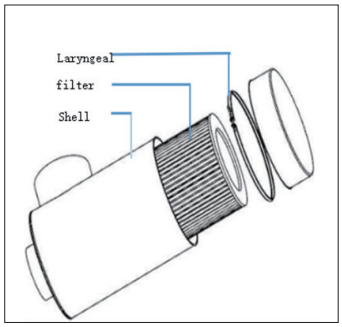
(1)All controller parameters are factory preset. Do not modify settings unless necessary.

(2)Recommended ambient operating temperature: 0°C to 40°C (32°F to 104°F).

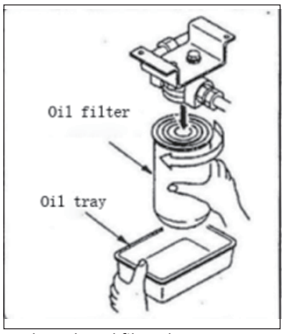
Safety Notices

1. Read the user manual carefully before operating this equipment.
2. The power outlet must be properly grounded to ensure safe operation.
3. Do not clean the compressor by spraying water directly onto the unit.

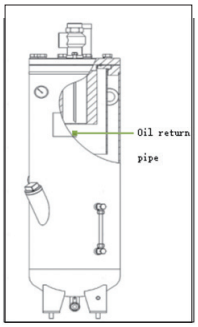
Maintenance Instructions: Always disconnect power before performing maintenance.



Replace the air filter element during cleaning. Recommended service interval: Every 2000 operating hours



Replace the oil filter during maintenance. Recommended service interval: Every 2000 operating hours



Replace the oil separator element during maintenance. Recommended service interval: Every 2000 operating hours