

Installation and Operation Instructions for Custom Mark III CP Oil Fired Unit



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★★★★★ 5 out of 5

Language : English
File size : 84 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 20 pages
Lending : Enabled



The Custom Mark III CP Oil Fired Unit is a high-efficiency, fully automatic oil-fired heating system designed for residential and light commercial applications. This unit is engineered with advanced features to provide reliable, cost-effective, and environmentally friendly heating. These instructions will guide you through the proper installation, operation, and maintenance procedures for your Custom Mark III CP Oil Fired Unit.

Installation

Site Preparation

* Select a suitable location for the unit, ensuring adequate ventilation and accessibility for maintenance. * Install a non-combustible pad or slab as a base for the unit. * Provide a clear path for the fuel supply line and electrical connections.

Unit Installation

* Carefully lift the unit into place using appropriate lifting equipment. * Level the unit using shims or leveling feet. * Secure the unit to the mounting pad or slab using bolts or anchors.

Fuel Supply Connection

* Connect the fuel supply line to the unit using a certified flexible hose or rigid piping. * Install a fuel filter in the fuel line to remove impurities. * Purge the fuel line of air before starting the unit.

Electrical Connections

* Connect the unit to a dedicated electrical circuit with the appropriate voltage and amperage requirements. * Install a disconnect switch near the unit for safety and maintenance purposes. * Ground the unit in accordance with local electrical codes.

Operation

Start-Up

* Open the fuel valve. * Set the thermostat to the desired temperature. * Press the power button to start the unit. * The unit will automatically ignite and begin heating.

Thermostat Operation

* The thermostat controls the temperature of the unit. * When the room temperature drops below the setpoint, the thermostat will signal the unit to start heating. * When the room temperature reaches the setpoint, the thermostat will signal the unit to stop heating.

Flame Adjustment

* The flame should be blue and stable. * If the flame is yellow or smoky, adjust the air intake or fuel pressure to achieve proper combustion. * Refer to the manufacturer's specifications for the correct flame adjustment settings.

Maintenance

Regular Maintenance

* Inspect the unit regularly for any leaks, rust, or damage. * Clean the air filter every month during the heating season. * Check the fuel filter every three months and replace if necessary.

Annual Maintenance

* Schedule an annual maintenance inspection with a qualified technician. * The technician will perform a thorough inspection, cleaning, and tune-up of the unit. * This maintenance helps ensure the unit is operating safely and efficiently.

Troubleshooting

Common Problems and Solutions

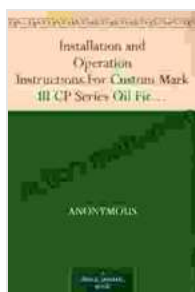
* **Unit does not start:** Check if the fuel valve is open, the thermostat is set to a higher temperature than the room temperature, and the power is connected. * **Yellow or smoky flame:** Adjust the air intake or fuel pressure to achieve proper combustion. * **Unusual noises:** Check for loose components, such as belts or bearings. * **Unit shuts off prematurely:** Clean the air filter, check the fuel filter, or inspect the thermostat for any

malfunctions. * **Fuel leak:** Shut off the fuel valve and contact a qualified technician immediately.

Safety Precautions

* Always follow the manufacturer's instructions for safe installation and operation. * Store fuel in a safe location away from ignition sources. * Never leave the unit unattended while it is operating. * Have a fire extinguisher readily available in case of emergencies. * Carbon monoxide can be produced by improper combustion. Install a carbon monoxide detector near the unit.

By following these installation and operation instructions carefully, you can ensure the safe and efficient operation of your Custom Mark III CP Oil Fired Unit. Regular maintenance and troubleshooting will help extend the life of the unit and keep your home or business warm and comfortable for years to come. If you encounter any problems that cannot be resolved using these instructions, contact a qualified technician for assistance.

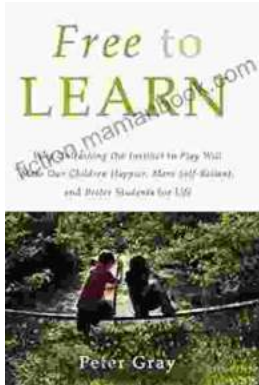


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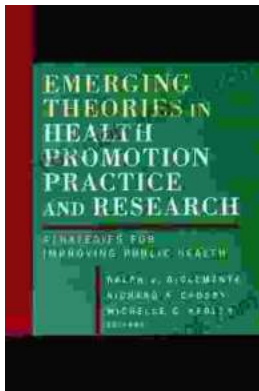
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