OPTIONAL REMOTE KIT

REMOTE BLOWER ASSEMBLY

HEAT OUTLET DUCT

MAKE-UP AIR INLET DUCT

TC36.RHKA
INSTALLATION AND OPERATING INSTRUCTIONS
## Replacement Parts

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>PART NUMBER</th>
<th>ITEM</th>
<th>DESCRIPTION</th>
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<tr>
<td>1......</td>
<td>DUCT ADAPTER PLATE</td>
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<td>WIRE PIG TAIL</td>
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<td>3......</td>
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<td>JUNCTION BOX</td>
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<td>5......</td>
<td>BLOWER CASING FACE PLATE</td>
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<td>14.....</td>
<td>RHEOSTAT KIT</td>
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<td>6......</td>
<td>BLOWER FAN BRACKET</td>
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<td>7......</td>
<td>BLOWER WALL BRACKET</td>
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</table>
The amount of heat from this kit is affected by the length and number of bends. To maximize the performance the length and number of bends should be kept to a minimum.

**INSTALLATION EXAMPLES**

Duct clearance to combustible material:
- within 36” of unit = 1/2”
- more than 36” from unit = 0”

- **MAXIMUM DUCT LENGTH OF 25 FT.**
- **ROUND DUCT (6”)**
- **RECTANGULAR DUCT (10” X 3 1/4”)**
- **MAXIMUM DUCT LENGTH OF 25 FT.**
WALL OR CEILING INSTALLATION

The Optional Remote Heat Kit allows heat to be transferred to other parts of the home. One or two Remote Heat Kits may be used.

1) Remove either of the knockout panels from the top of the unit.

2) Remove the insulation directly below the opening and remove the lower cover plate.

3) Install the Remote Heat Flap Box to the top of the unit and fix using two screws. Ensure the opening in the heat box mates with the opening in the channel on the unit, and that the flap in the assembly is free to move. (Flap should be in the normally closed position with the blower off)

4) Attach the Duct Adapter Plate to top of unit using the 4 screws previously removed.
5) Locate the Remote Blower Assembly in the desired wall or ceiling location, maximum 25 ft. away from the unit, and secure to the framing.

6) Attach the 3 1/4" x 10" Transition Boot to the Remote Blower Assembly and seal with aluminium duct tape. Run a 6" diameter flexible aluminium heat duct or equivalent between the blower and the fireplace. Fasten in place with screws and seal with aluminium foil tape.

7) Remove the make-up air knockout panel from the left hand side of the unit. (If two remote heat kits are to be used only one make up air kit is required)

8) Attach the Duct Adapter Plate over the side opening with the 4 screws previously removed.

9) Locate the make-up air Inlet Adapter Boot in a desired location and secure to framing.

10) Run a 6" diameter duct from the adapter to the fireplace. Fasten in place with screws and seal with aluminium foil tape.

11) Attach finishing grills over both inlet and outlet using the two screws provided.
ELECTRICAL WIRING

NOTE: ALL ELECTRICAL WIRING MUST BE DONE BY A QUALIFIED ELECTRICIAN.

Consult local codes or, in the absence of local codes, with the current CSA C22.1 Canadian Electrical Code and in the USA with the National Electrical Code, ANSI/NFPA 70 (Latest Edition).

The Optional Remote Heat blower electrical rating: 115V, 60HZ, 80 watts. For your protection against shock hazard, use only a properly grounded power supply.

This kit includes a junction box, rheostat and cover plate. The junction box should be mounted in a convenient location away from the fireplace.

Fig. #10

SPEED CONTROL

BLOWER
115 VOLTS
60 Hz
0.5 AMPERES

G (green)
L1 (white)
L2 (black)
OPERATING INSTRUCTIONS

The wall mounted rheostat is used to turn the blower ON and OFF, as well as to control its speed. Please note that the blower will operate independently to the fireplace. Heat will be distributed by the blower when the fireplace is on and room air will be circulated when the fireplace is off.

To turn the blower on, rotate the control knob clockwise until the switch clicks on. Continue to rotate the knob clockwise to reduce the blower speed. To turn the blower OFF, rotate the control knob counter-clockwise until the switch clicks off.

MAINTENANCE

The manufacturer recommends that this kit is cleaned at least once a year. It may be necessary to increase the frequency of cleaning depending on the room location, type of floor coverings, amount of renovation work, etc.

To clean, remove the grill then use a vacuum to clean around the blower and grill, ensuring not to damage the fan blades.