MAGNET MOUNTED TANK OIL HEATER
Plug and Go installation. Attaches magnetically outside tank. Thermostatically protected. Magnetic tank heater is ideal solution for residential and small commercial units or as a temporary heater for unusually cold weather conditions.

Model TH120M
- Mounts outside tank with built in magnetic mounts
- 10 foot plug-in power cord included
- Thermostatically protected, 250°F, factory pre-set
- CSA certified
- 200W, 120VAC, 60Hz
- 4-3/8"L x 2-1/2"W x 3"H (including handle)

PERMANENTLY MOUNTED TANK OIL HEATERS
Permanently mounts inside tank. Rigid or flexible conduits. Stainless steel main heater sheath and enclosure. Thermostatically protected, factory pre-set for 100°F. Power 275W 120VAC, 60Hz. CSA certified.

Note:
For custom made heaters advise “A” dimension, do not to exceed 48” for rigid, or 40” for flexible conduits. See worksheet below, for installation requirements.

Rigid Conduit Oil Heaters
- 48” x 1/2” rigid steel conduit
- 1/2” conduit clamp included
- Internal thermostat 100°F, factory pre-set
- CSA certified
- 275W 120VAC, 60Hz

Model TH120P - Rigid Conduit Plug-In Oil Heater with Switch
  - Plug-in 3-prong power cord, 15’ long
  - Switch On/Off, red handle, 1NO, 20A 120/277VAC
  - RACO 1-Gang standard box with cover

Model TH120 - Rigid Conduit Hardwired Oil Heater
  - Hard wiring required
  - RACO 1-Gang standard box

Flexible Conduit Oil Heaters
- 40” x 1/2” flexible conduit
- Internal thermostat 100°F, factory pre-set
- CSA certified
- 275W 120VAC, 60Hz

Model TH120FP - Flexible Conduit Plug-In Oil Heater with Switch
  - Plug-in 3-prong power cord, 15’ long
  - Switch On/Off, red handle, 1NO, 20A 120/277VAC
  - RACO 1-Gang standard box with cover

Model TH120F - Flexible Conduit Hardwired Oil Heater
  - Hard wiring required

On/Off Oil Heater Switch
Recommended for Modes TH120 and TH120F for Winter/Summer On/Off operation.

Model THO
- Switch On/Off, red handle, 1NO, 20A 120/277VAC
- RACO 1-Gang standard box with cover
- UL listed components
## COMPARE PARTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Design Features</th>
<th>Installation</th>
<th>Connection</th>
<th>“A” Dimension</th>
<th>Power</th>
<th>Thermostat</th>
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<tr>
<td>TH120M</td>
<td>Oil heater</td>
<td>Magnetic mounts</td>
<td>Outside tank</td>
<td>Plug-in, 10’ cord</td>
<td>N/A</td>
<td>120VAC 200W</td>
<td>250°F</td>
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<tr>
<td>TH120P</td>
<td>Oil heater</td>
<td>Rigid conduit</td>
<td>Inside tank</td>
<td>Plug-in, 15’ cord</td>
<td>48” max.</td>
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<tr>
<td>TH120</td>
<td>Oil heater</td>
<td>Rigid conduit</td>
<td>Inside tank</td>
<td>Hardwired</td>
<td>48” max.</td>
<td>120VAC 275W</td>
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<tr>
<td>TH120FP</td>
<td>Oil heater</td>
<td>Flexible conduit</td>
<td>Inside tank</td>
<td>Plug-in, 15’ cord</td>
<td>40” max.</td>
<td>120VAC 275W</td>
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<tr>
<td>TH120F</td>
<td>Oil heater</td>
<td>Flexible conduit</td>
<td>Inside tank</td>
<td>Hardwired</td>
<td>40” max.</td>
<td>120VAC 275W</td>
<td>100°F</td>
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<tr>
<td>THO</td>
<td>Heater switch</td>
<td>Recommended for Model TH120 or Model TH120F tank oil heaters for Winter/Summer On/Off operation.</td>
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</tbody>
</table>

### Tank Heater Recommended Installation Worksheet

**Note:**
For custom made heaters advise “A” dimension, do not to exceed 48” for rigid, or 40” for flexible conduits.

1. Locate heater if possible at bottom of tank, or with 4” or more below minimum oil level.
2. Make all knockouts and holes above high oil mark in tank.
3. Mount standard switch and cover Model THO in utility box if required for summer - winter operation. Switch included with Model TH120P and Model TH120FP.