



WORK READY™ Auxiliary Heater

Model WR30000 | Part No. EXE-100-004

Figure 1: Front View

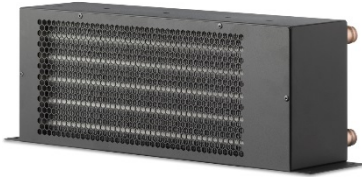


Figure 2A: Back View with mounting tabs on bottom.

Heated fluid flows out through coolant hose from heat exchanger to radiator



Fluid flows in through input coolant hose from engine to lower barb



(-)
(-)

High/Haut

Medium/Moyen

Low/Basse

High/Haut

Medium/Moyen

Low/Basse

(-)
(-)

Power Source

Figure 3: Three Speed Fan Switch (sold separately)

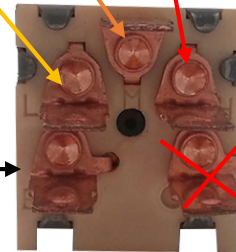


Figure 2B: Back View with mounting tabs on top.



Heated fluid flows out through coolant hose from heat exchanger to radiator



Fluid flows in through input coolant hose from engine to lower barb



Installation

1. **Mount Auxiliary Heater (Heat Exchanger).** Ensure that there is enough clearance for two ¾” hoses to be connected to the barbs on the back of the heat exchanger. If the hoses are being run through the floor, firewall, or any other surface that requires drilling, make sure clearance is available on both sides of the mounting surface before drilling. **Note:** *Mounting hardware is NOT included.*
2. **Plumb Auxiliary Heater (Heat Exchanger).**
 - a. If mounted with mounting tabs on bottom (Figure 2A): Connect input coolant hose from vehicle engine to lower barb on heat exchanger. Then connect output coolant hose from top barb of heat exchanger to radiator.
 - b. If mounted with mounting tabs on top (Figure 2B): Connect input coolant hose from vehicle engine to lower barb on heat exchanger. Then connect output coolant hose from upper barb of heat exchanger to radiator.
Note: *Input coolant hose must always be connected to lower barb regardless of mounting.
Output coolant hose must always be connected to upper barb regardless of mounting.*
3. **Connect wires of Auxiliary Heater (Heat Exchanger).** **Note:** *It is recommended to install an inline fuse holder with a 5amp fuse. (Sold by Aqua-Hot: Fuse Holder Part No. ELX-200-130, 5 amp Fuse Part No. ELX-200-140). Three speed fan switch sold separately (Sold by Aqua-Hot: Part No. ELX-100-001).*
 - a. Connect yellow wire from the heat exchanger to the “Low” (L) tab on three speed fan switch (Figure 3).
 - b. Connect orange wire from the heat exchanger to the “Medium” (M) tab on three speed fan switch (Figure 3).
 - c. Connect red wire from the heat exchanger to the “High” (H) tab on three speed fan switch (Figure 3).
 - d. Connect vehicle power source to the “Battery In” (B) tab on three speed fan switch (Figure 3).
 - e. Connect both black ground (-) wires from the heat exchanger