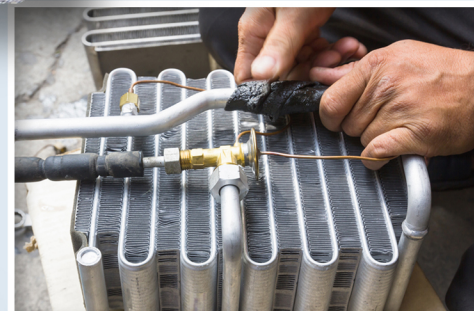


A Heat Pump That's Not Delivering Any Air: Heat Pump Troubleshooting Series

Resource Guide



SHOPWARE

Heat Pump Troubleshooting Series:
A Heat Pump That's Not Delivering Any Air

To effectively troubleshoot, diagnose, and accomplish a repair, consider the following six questions:

1. What is the specific type of equipment?

2. What is the customer's description of the problem?

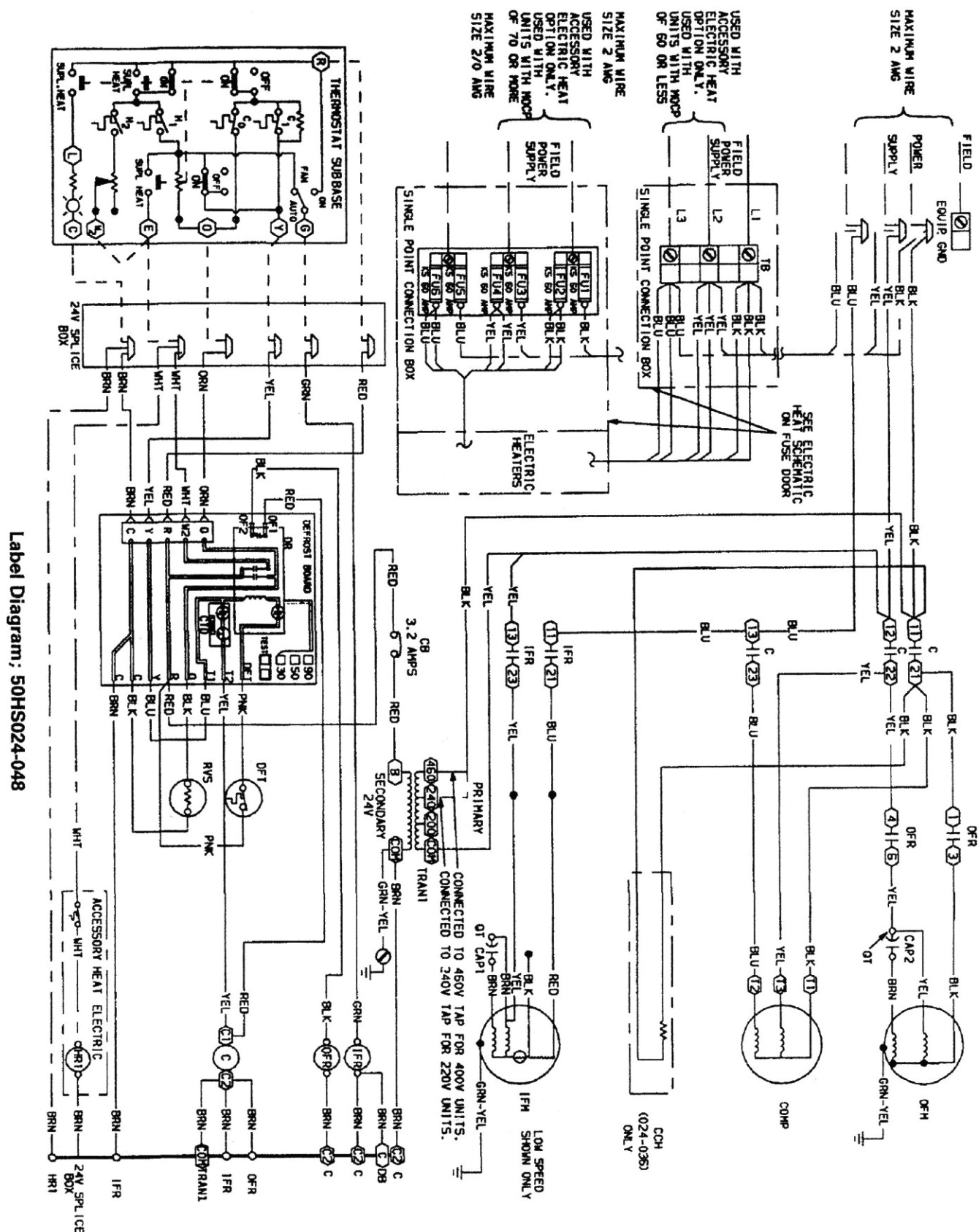
3. What is the history regarding previous repairs?

4. What are the symptoms you observe when you evaluate the situation?

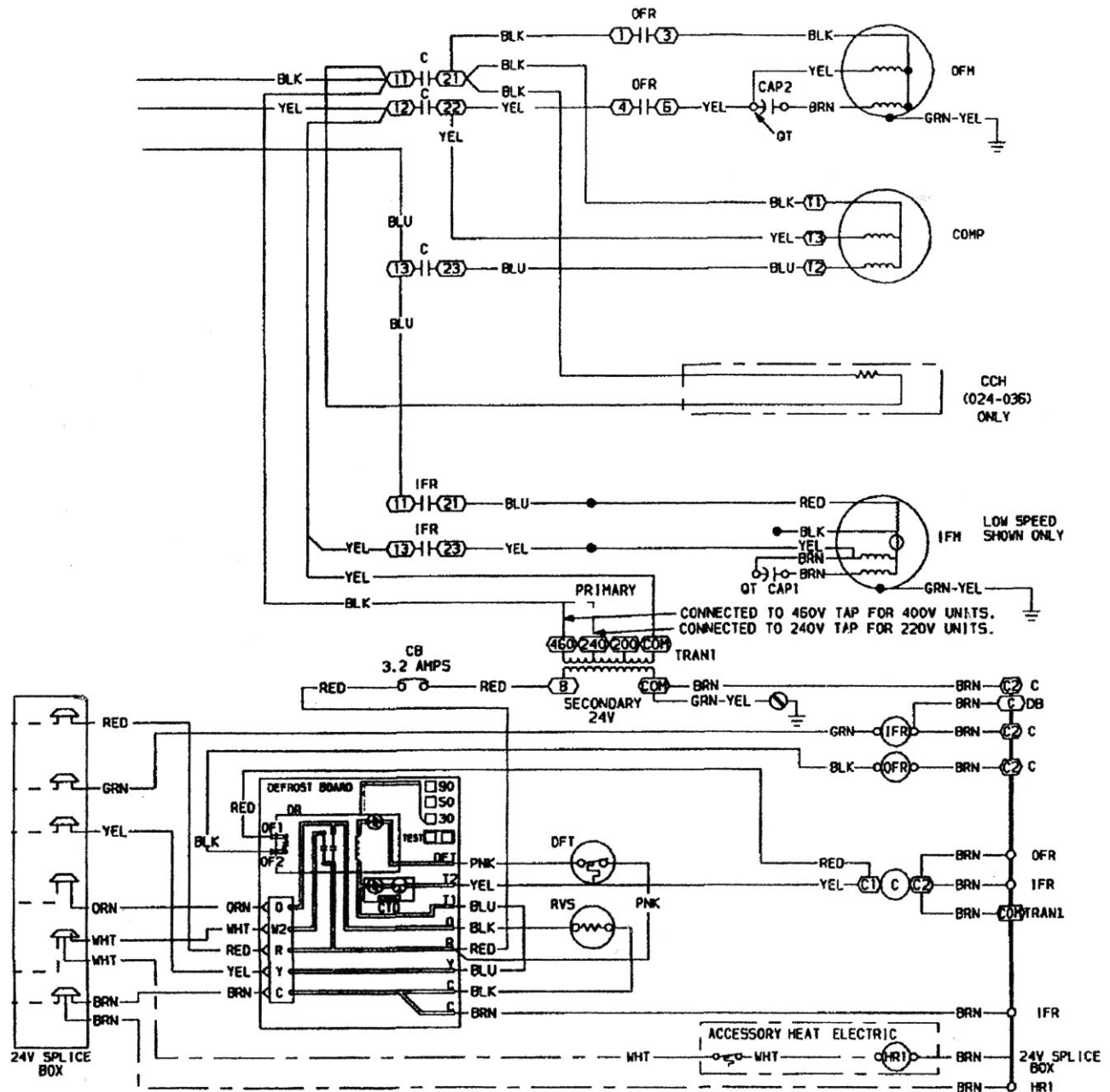
5. What is the sequence of operation when the equipment is working properly?

6. What specific information is available from the manufacturer?

Resource Guide

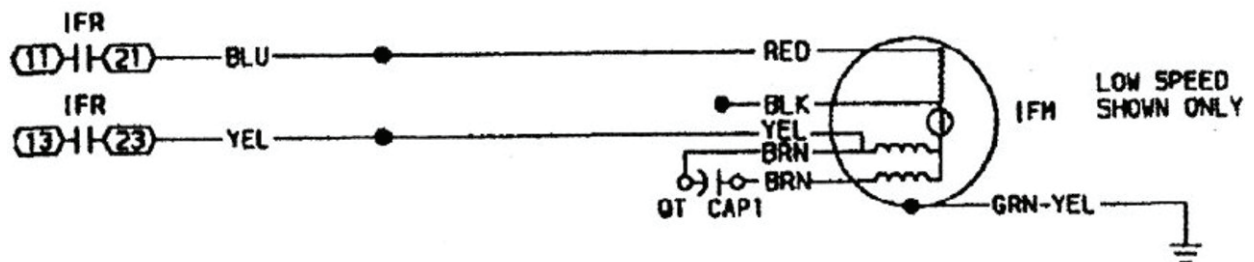


To zero in on the source of the problem, isolate the segments of the wiring diagram for a more detailed understanding the equipment sequence of operation.

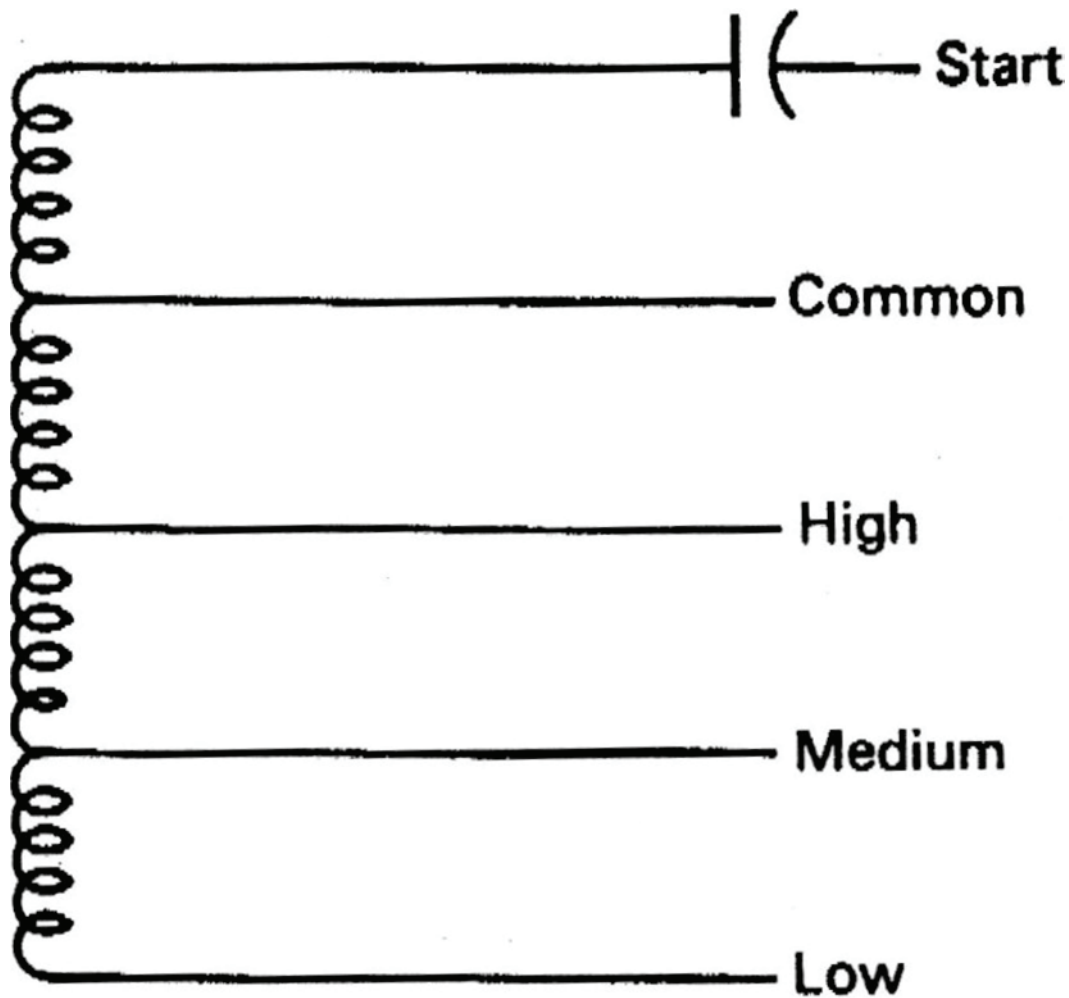


Label Diagram; 50HS024-048

The sequence of the cooling operation for this equipment is as follows:



A fundamental fact to keep in mind about multiple-speed indoor fan motors when using a general replacement part is that the color coding of the wiring may be of secondary importance. The important factor to consider is the structure of the windings themselves.



Below is an example of electrical information about a general replacement motor manufactured by the A.O. Smith company.

