

# Trouble Shooting

| Problem   | Cause  | Repair  |
|---|--|---|
| 1. Compressor runs but water is too cold.                             | <ul style="list-style-type: none"> <li>a) cold control defective</li> <li>b) cold control sensor incorrectly positioned</li> <li>c) high refrigerant charge</li> <li>d) cold control set too cold</li> <li>e) not enough clearance at rear of cooler</li> </ul>  | <ul style="list-style-type: none"> <li>a) adjust or replace as necessary</li> <li>b) reposition sensing tube</li> <li>c) correct the charge</li> <li>d) adjust cold control</li> <li>e) move cooler away from wall at least 3 inches</li> </ul>   |
| 2. Compressor runs but water is too warm                              | <ul style="list-style-type: none"> <li>a) cold control set too low or defective</li> <li>b) blocked refrigerant drier</li> <li>c) refrigerant leak</li> <li>d) evaporator band not tightened around reservoir</li> </ul>   | <ul style="list-style-type: none"> <li>a) adjust or replace as necessary</li> <li>b) replace drier and recharge system</li> <li>c) recharge system</li> <li>d) check that evaporator is secure and latched</li> </ul>   |
| 3. Compressor will not run  | <ul style="list-style-type: none"> <li>a) no power at receptacle</li> <li>b) compressor relay or overload burnt out</li> <li>c) cold control turned off</li> <li>d) cold control defective</li> <li>e) wire came off terminal or broken</li> <li>f) power cord defective</li> </ul>                        | <ul style="list-style-type: none"> <li>a) check outlet and breaker for power</li> <li>b) Replace relay or overload</li> <li>c) adjust cold control</li> <li>d) change cold control</li> <li>e) check wiring diagram and secure wire accordingly</li> <li>f) replace cord</li> </ul>                     |
| 4. Excessive cooler noise<br>Note: all refrigeration units emit noise | <ul style="list-style-type: none"> <li>a) compressor start up</li> <li>b) tubing rattles</li> <li>c) compressor not securely mounted</li> <li>d) loose screws</li> <li>e) cooler damaged</li> </ul>  | <ul style="list-style-type: none"> <li>a) normal</li> <li>b) reposition tubing inside unit</li> <li>c) secure mounting washers</li> <li>d) tighten screws</li> <li>e) repair accordingly</li> </ul>   |
| 5. Water comes out of faucet but will not shut off                    | <ul style="list-style-type: none"> <li>a) something stuck in faucet</li> <li>b) leaky seal in faucet</li> </ul>  | <ul style="list-style-type: none"> <li>a) remove foreign object from faucet</li> <li>b) replace faucet</li> </ul>   |
| 6. No hot water but have cold water                                   | <ul style="list-style-type: none"> <li>a) hot tank switch in OFF position</li> <li>b) hot tank reset tripped</li> <li>c) hot tank cut out faulty</li> <li>d) break in hot tank wires</li> <li>e) heater defective</li> <li>f) not enough water in reservoir</li> <li>g) baffle cup not in place</li> </ul> | <ul style="list-style-type: none"> <li>a) switch to ON position</li> <li>b) reset the button</li> <li>c) replace thermostat cut out</li> <li>d) check hot tank wiring diagram and secure accordingly</li> <li>e) replace heater</li> <li>f) fill reservoir</li> <li>g) reinstall accordingly</li> </ul> |
| 7. No hot or cold water   | <ul style="list-style-type: none"> <li>a) empty reservoir</li> <li>b) no power at receptacle</li> <li>c) break in wiring system</li> <li>d) blocked water ways to faucet</li> </ul>  | <ul style="list-style-type: none"> <li>a) fill reservoir</li> <li>b) check the breakers</li> <li>c) check wiring diagram &amp; fix wires</li> <li>d) replace reservoir</li> </ul>   |

| Problem                                      | Cause  | Repair   |
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| 7. No hot or cold water                      | e) air lock  | e) check floater in crystal guard to make sure it moves freely.<br>check air filter, if wet remove and dry overnight.  |
| 8. Water leaks ( not from the faucet outlet) | a) crack in bottle<br>b) over filled reservoir<br>c) faulty faucet washer<br>d) faulty reservoir washer<br>e) cracked reservoir<br>f) hot tank drain cap seal<br>g) hot tank baffle cracked<br>h) drain assembly or cap cracked<br>i) loose baffle stem or nut | a) drain reservoir & replace bottle<br>b) drain reservoir & replace bottle<br>c) replace faucet washer<br>d) replace reservoir washer<br>e) replace reservoir<br>f) tighten cap, check seal<br>g) drain reservoir & replace baffle<br>h) replace accordingly<br>i) tighten accordingly |
| 9. Water freezes in reservoir                | a) cold control set too high or defective<br>b) cold control sensing tube not inside evaporator properly<br>c) refrigerant charge incorrect (over charged)<br>d) not enough clearance at rear of cooler  | a) adjust or replace as necessary<br>b) reinstall accordingly<br>c) recharge with correct charge<br>d) move cooler away from wall at least 3 inches  |