

COOLING/HEAT PUMPS

DESCRIPTION NONE

- 1.0 Air Conditioning:**
 1.1 Air Cooled
 1.2 Water Cooled
 1.3 Independent System
 1.4 Gas Chiller

3.0 Cooling Capacity:
 36 / ___ / ___ x 1,000 BTU/hr

19.0 House Fan:

- 2.0 Heat Pump:**
 2.1 Air Source
 2.2 Auxiliary Heat
 2.3 Ground/Water Source
 2.4 Independent Unit

- 4.0 Failure Probability:**
 High
 Medium
 Low

20.0 Evaporative Cooler:

- Motor:**
 One Speed
 Two Speed

Roof Jack Condition: _____

5.0 Approx. Compressor Age:
 20 / ___ / ___ yrs old

Damper Location: _____

IMPROVEMENT RECOMMENDATIONS NONE AT PRESENT

Reference	Limitations	Task	Location	Time
	Data Plate: <input type="checkbox"/> Missing <input type="checkbox"/> Not Legible <input type="checkbox"/> Incomplete <input type="checkbox"/> Not Found <input type="checkbox"/> System Shut Off/Inoperative <input type="checkbox"/> Restricted Access <input type="checkbox"/> Outdoor Coil Covered Outdoor Temperature Prevented Testing in: <input type="checkbox"/> Cooling Mode <input type="checkbox"/> Heating Mode <input checked="" type="checkbox"/> Heat Gain and Heat Loss Calculations Not Done <input type="checkbox"/> House Fan Not Tested <input checked="" type="checkbox"/> Window A/C Excluded <input checked="" type="checkbox"/> Moisture problems may result in visible or concealed mold growth. Environmental Consultants can assist if this is a concern. <input checked="" type="checkbox"/> Asbestos may be present in many building products and materials. Environmental Consultants can assist if this is a concern.			
1.0	AIR CONDITIONING - undersized?, old, service			
2.0	HEAT PUMP - undersized?, old, service			
2.3	Ground/Water Source - buried piping, supply well, discharge well, suspect			
5.0	Compressor - old, inoperative, noisy			
6.0	Plenum / Indoor Coil - dirty, corroded, frost temperature drop too great, too small Good			
7.0	Outdoor Coil - dirty, iced up, not level, fin damage			
8.0	Water Cooled Coil - leak			
9.0	Outdoor Fan - noisy, inoperative, damage, obstructed			
10.0	Condensate Tray / Line / Pump - leak, stains, blocked, inoperative, trap			
11.0	Refrigerant Lines - leak, damage, corrosion, (insulation missing) seal at plenum/wall	R	R	O D
12.0	Indoor Fan - dirty, noisy, undersized?, vibration, adjustment			
13.0	Ductwork - undersized?, disconnected, obstructed, dirty, rust, support, incomplete, humidifier damper, balancing, damaged			
14.0	Attic Ductwork Insulation - damage, incomplete			
15.0	Supplemental Cooling - if necessary			
16.0	Attic Drip Pan - leaking, missing, common drain - drain line - missing, disconnected			
17.0	Water Lines - supplied from pool, leak, damage			
18.0	Thermostat - damaged, location, adjustment, loose			
19.0	HOUSE FAN - old, inoperative, vent outside, wiring			
20.0	EVAPORATIVE COOLER - motor, connection, wiring, pump - spider tubes, clips, bleeder, water line, air gap - fan, tray, housing, roof jack, damper - old, leak, loose, inoperative, rust			

COMMENTS

- See Supplementary Section Inappropriate Materials or Installation

Supply Temp: 54.5° / ___ / ___ Return Temp: 72.6° / ___ / ___ ΔT: 18.1° / ___ / ___