



## Technician Checklist

1889276291

|                          |  |
|--------------------------|--|
| <b>Reference Number:</b> | 20181011-1889276291  |
| <b>Form Name:</b>        | Technician Checklist   |
| <b>Submitter Name:</b>   | Tim Brown (tim.brown)   tim.brown  |
| <b>Submission Date:</b>  | Oct 11, 2018 1:53:35 PM EDT  |
| <b>Location:</b>         | Asheville, NC 28803, USA<br>Oct 11, 2018 1:52:51 PM EDT [ <a href="#">View Map</a> ] |

## GENERAL INFORMATION

### General

|   |                              |
|---|------------------------------|
| <b>Form First Opened</b>  | Oct 11, 2018 12:54:43 PM EDT |
| <b>Lead Technician</b>  | Tim Brown                    |
| <b>Client Name</b>  |                              |
| <b>Is homeowner or stand-in present?</b>  | Homeowner                    |
| <b>Location Address</b>   |                              |
| <b>Phone</b>  | 8283353930                   |
| <b>I attest that this customer does not have an email.</b>  | No                           |
| <b>Email</b>  | jason@builderbuddyonline.com |
| <b>I am checking this box because I updated client's information. (Leave unchecked of nothing was changed.)</b> | Yes                          |
| <b>Client Information Updated</b>   | Added New Client             |
| <b>Diagnostic Investment</b>  |                              |
| <b>Customer Signature</b>   |                              |

## EQUIPMENT

### Time & Location Stamp

|   |                              |
|---|------------------------------|
| <b>Date &amp; Time When Customer Signed</b> | Oct 11, 2018 12:57:04 PM EDT |
| <b>Geo Location When Customer Signed</b>    | Asheville, NC 28803, USA     |

### Equipment Types

|   |    |
|---|----|
| <b>Are there multiple systems at this home?</b> | No |
|---|----|

## AIR CONDITIONER - CHECKLIST

### Air Conditioner - Equipment Information

|                         |             |
|-------------------------|-------------|
| <b>Manufacturer</b>     | York        |
| <b>Manufacture Date</b> | 1992        |
| <b>Model #</b>          | H1da024s06a |
| <b>Serial #</b>         | 1010000     |
| <b>Location</b>         | Other       |

### Air Conditioner - Checklist

|   |        |
|---|--------|
| <b>Indoor Dry Bulb Temperature (°F)</b>     | 73     |
| <b>Indoor Wet Bulb Temperature (°F)</b>     | 62     |
| <b>Refrigerant Pressures (PSI)</b>          | 75/170 |
| <b>Refrigerant</b>                          | R22    |
| <b>Required Subcool (°F)</b>                | 0      |
| <b>Actual Subcool (°F)</b>                  | 0      |
| <b>Required Super Heat (°F)</b>             | 20     |
| <b>Actual Super Heat (°F)</b>               | 17     |
| <b>Outdoor Ambient Temperature (°F)</b>     | 74     |
| <b>Outdoor Delta T (°F)</b>                 | 9      |
| <b>Compressor - Rated Load Amps (FLA)</b>   | 12.1   |
| <b>Compressor - Actual Load Amps (ALA)</b>  | 5.4    |
| <b>Outdoor Fan - Rated Load Amps (FLA)</b>  | 0.8    |
| <b>Outdoor Fan - Actual Load Amps (ALA)</b> | 1.2    |
| <b>Outdoor Capacitor - Rated MFD (µF)</b>   | 35/5   |

|   |  |
|---|--|
| <b>Outdoor Capacitor - Actual MFD (<math>\mu</math>F)</b> | 34/5                                       |
| <b>Outdoor Capacitor - Replaced</b>                       | No   |
| <b>Condenser Coil Condition</b>                           | Heavy cleaning - Recommended               |
| <b>Unit Level</b>   | Was Already Level                          |
| <b>Disconnect Condition</b>                               | Checked - Passed                           |
| <b>Static Pressure (IWG)</b>                              | 0  |
| <b>Contactors</b>   | Recommend Replacement                      |
| <b>Is contactor under warranty?</b>                       | No, parts and labor are not under warranty |

## AIR HANDLER - CHECKLIST

### Air Handler - Equipment Information

|                         |          |
|-------------------------|----------|
| <b>Manufacturer</b>     | Apollo   |
| <b>Manufacture Date</b> | 1992     |
| <b>Model #</b>          | M42 2.5  |
| <b>Serial #</b>         |          |
| <b>Location</b>         | Basement |

### Air Handler - Checklist

|   |                              |
|---|------------------------------|
| <b>Evaporator Coil</b>                            | Yes                          |
| <b>Evap Condition</b>                             | Light cleaning - Recommended |
| <b>Drain Condition</b>                            | Light cleaning - Recommended |
| <b>Heat Strip - Bank 1 Amps (A)</b>               | 0                            |
| <b>Heat Strip - Bank 2 Amps (A)</b>               | 0                            |
| <b>Heat Strip - Bank 3 Amps (A)</b>               | 0                            |
| <b>Capacitor - Rated MFD (<math>\mu</math>F)</b>  | 5                            |
| <b>Capacitor - Actual MFD (<math>\mu</math>F)</b> | 5                            |
| <b>Replace Capacitor</b>                          | No                           |
| <b>Blower Wheel Condition</b>                     | Light cleaning - Recommended |
| <b>Blower - Rated Load Amps (FLA)</b>             | .74                          |
| <b>Blower - Actual Load Amps (ALA)</b>            | 1                            |
| <b>Delta T (<math>^{\circ}</math>F)</b>           | 18                           |
| <b>Zoned</b>                                      | No                           |
| <b>Number Of Supplies</b>                         | 12                           |
| <b>Square Inches Of Return</b>                    | 400                          |
| <b>Static Pressure (IWG)</b>                      | 0.4                          |

## FILTERS

### Club Program

**Is this customer a club member?** No

### Filters Replaced During Tune Up

FILTERS

1 OF 1

#### Filters

**Electronic Air Filter** No  
**Filter Size** 20x20x1 Columbus Industries - MERV 11  
**Condition** Clean

## SUMMARY QUESTIONS

### Summary

#### Recommendations

This is an Apollo hydro heat with AC.  
 Coil for heat is very banged up. Very little air is moving through coil.  
 Blower wheel is dirty and needs a cleaning. This will prevent blower motor from failing. Also will increase air flow.  
 Evaporator coil is dirty and needs a cleaning.  
 System has a 20x20x1 filter. Client has an extra filter.  
 Contactor on outdoor unit is pitted and chard.  
 System runs on R22.  
 Outdoor coil is deteriorated.  
 System is running and cooling okay at this time.  
 Realtor is going to speak with home owner and buyer and ask if they would like options on a new comfort system from a comfort adviser.

#### Recommend Consult with Comfort Adviser on

System Replacement (Not Scheduled)

**Did this client become a club member?** No

#### Pictures



Invoice Number

430962

Payment Due?

Yes

Amount Paid

Payment Method

Credit/Debit

Client Signature

End Date & Time Stamp

Oct 11, 2018 1:02:38 PM EDT

## Incomplete Job Form

**Returning to replace part(s) or make further repairs?**    No