SUNSTATE FEDERAL CREDIT UNION

# HOME PERFORMANCE UPGRADE CHECKLIST

## DUCT SYSTEM REPAIRED AND SEALED

SunState Account# _____

### MATERIALS

| | | | | |
|---|---|---|---|---|
| Type(s) of new duct work installed: | ☐ Flex Duct | ☐ Duct Board | ☐ Rigid Metal |
| Type(s) of existing duct work installed: | ☐ Flex Duct | ☐ Duct Board | ☐ Rigid Metal |

### AIR LEAKAGE

- ☐ Mastic applied to all new collars & connectors and over the exterior of the inner liner of new flex duct
- ☐ Mastic applied to all plenum connections at air handler unit
- ☐ All new boots & boxes sealed to interior finish (with mastic, gasket or caulk)
- ☐ Wall cavities are not used as duct work
- ☐ Filter cover at air handler makes a complete seal
- ☐ All seams at air handler unit are sealed with UL181 tape and mastic
- ☐ Access panels at air handler are sealed with UL181 tape

### AIR FLOW

- ☐ No excessive kinks, compression or sharp bends in new flex duct
- ☐ No new flex duct installed in cavities or locations that are less than the outer diameter of the flex duct
- ☐ All bedrooms have a return air path installed (select all present methods)
  - ☐ Ducted Return ☐ Transfer Grille ☐ Jump Duct
- ☐ All bedrooms & offices are less than a 3.0 pascal presure differential to the main area of the home

### POST-INSTALLATION DIAGNOSTICS

| | | | | |
|---|---|---|---|---|
| System #1 | Tonnage: | Locations | AHU: | Ducts: |
| Total Leakage (CFM) | Supply: | Return: | Average: | % of System Flow: |
| System #2 | Tonnage: | Locations | AHU: | Ducts: |
| Total Leakage (CFM) | Supply: | Return: | Average: | % of System Flow: |

| Room | Air Flows | Room | Air Flows |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
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| | | | |
| | | | |
| Total External Static Pressure: | #1: "WC | #2: "WC | |

The contractor has answered all questions regarding the checklist. I understand the checklist is NOT a guarantee of quality or performance but a guide to ensure key items have been addressed and discussed.

Technician: Date:

Sign Print

Homeowner: Date:

Sign Print