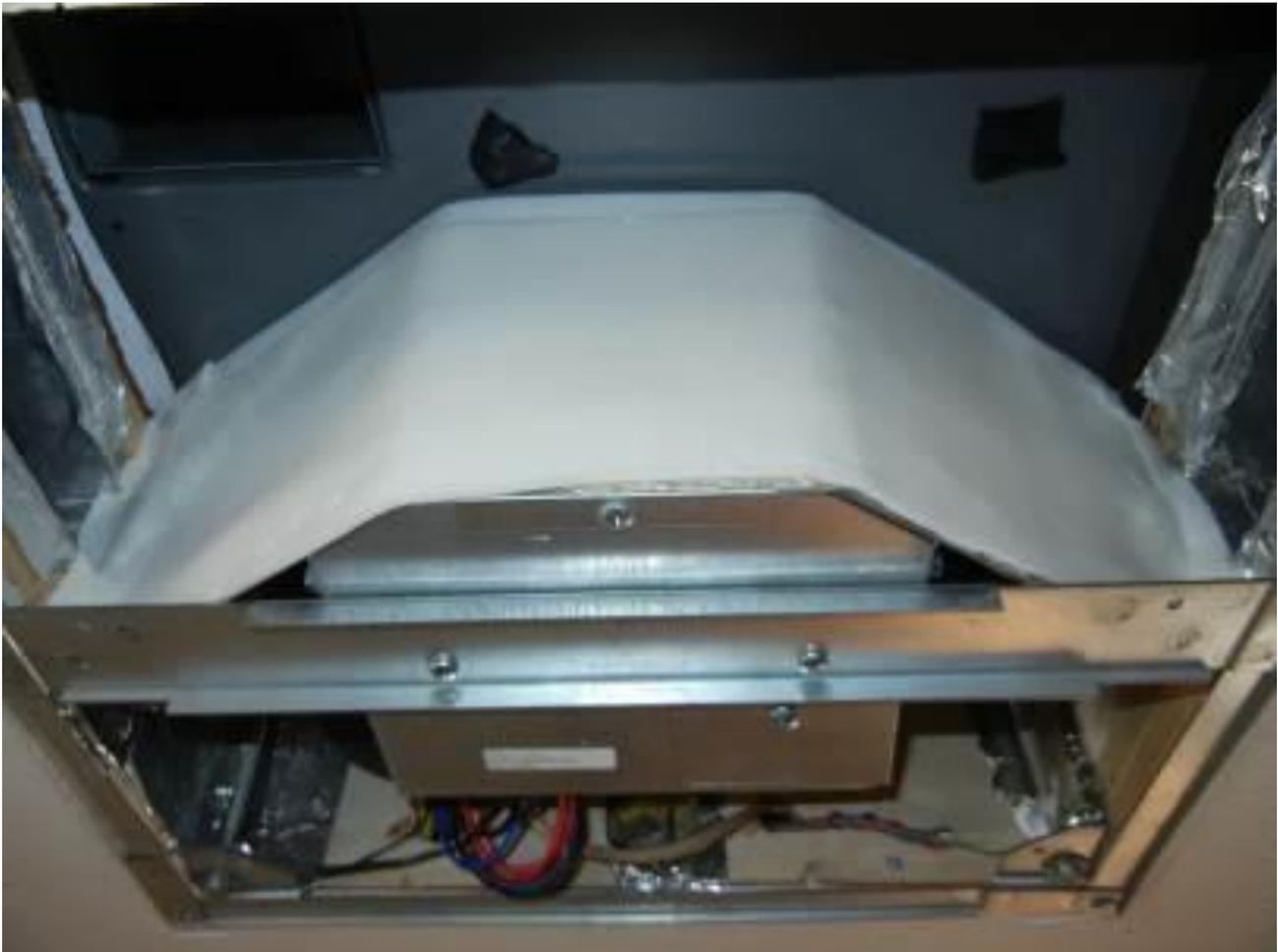
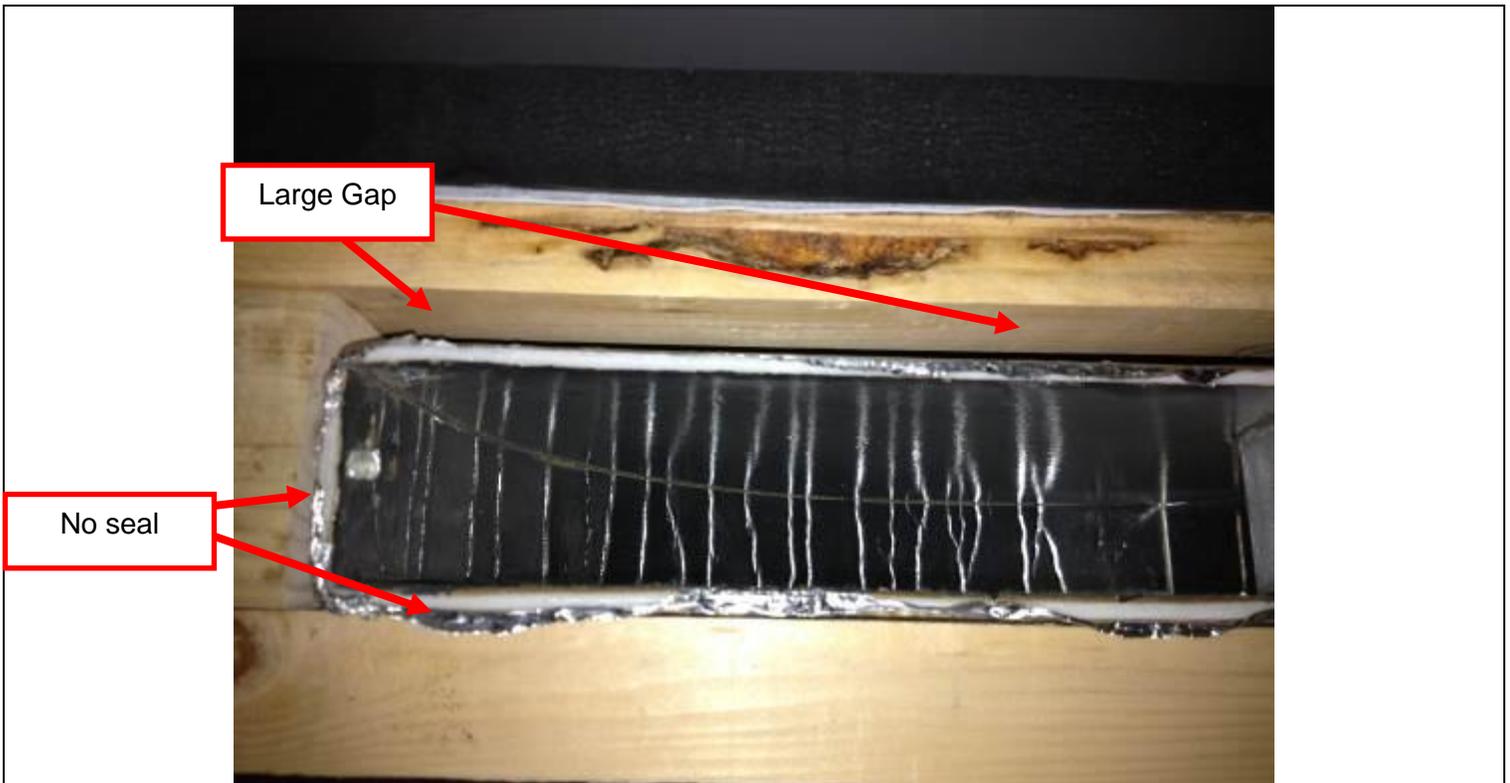


Ducted AC Installation Visual Guide

Overview of proper install





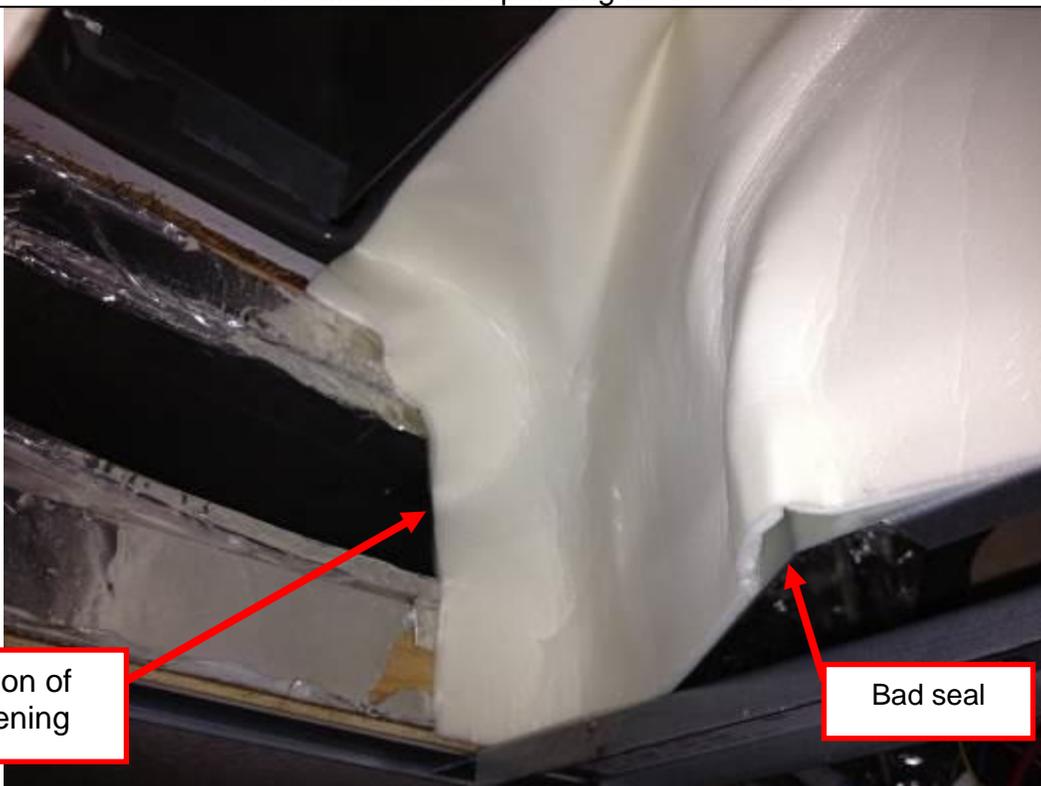
Proper seal of ducts to supply plenum is extremely important. If ducts are not sealed proper, supply (cooler) air will go into ceiling cavity, air entering ceiling cavity will greatly reduce the performance of the system. There will still be air flow from ceiling supply grilles; however it will be a reduced air flow.



Correct sealing of supply ducts to supply plenum will provide maximum efficiency to duct system.



Proper AC opening preparation is important. Opening should be $14 \frac{1}{4} \times 14 \frac{1}{4} \pm 1/8^{\text{th}}$, refer to installation and operating instructions.





Divider not sealing supply and return air, which will cause recirculation and freeze (icing) condition and poor performance.

Divider sealed against base pan

Overlap insulation



Extra insulation sealed against sides and fit into duct opening

With divider sealed against the base pan of upper unit, cut insulation to total height of divider or cut full length of insulation (to overlap when installed) and center before removing paper backing. Apply insulation to divider as smooth as possible using excess at each end to ensure seal on both sides of the divider/frame.



Additional tape to ensure duct is not restricted at supply opening and preventing recirculation at end of divider/insulation seal.



Foam seal against

Additional foil tape at end of divider on return side

Return side of divider. The foam seal is against base pan and additional foil tape is used to ensure seal at end of divider/frame.

Sample: 12821
Part#: AC RG (12RB) (FS2)
Date: 4/12/12



Unsealed openings in 14-1/4" x 14-1/4" frame

Wiring access points NOT sealed.



Wire access points are properly sealed

All access points of wiring sealed to prevent hot/cold air trapped in ceiling from being pulled into return air cavity

Gap between ceiling cover and ceiling



Ceiling cover is not sealed against ceiling.

Proper ceiling cover placement - no gap



Ceiling cover tight against ceiling.