

General Service Bulletin 4FWH & 4FWC Air Handler Drain Pan

Affected Models

4FWH*024 to 061
4FWC*024 to 061

Serial Range

All Serial Numbers
All Serial Numbers

Bulletin Number:
SSA-SVB028A-EN

Date:
September 23, 2015

⚠ WARNING
Personal Protective Equipment (PPE) Required!

Failure to wear proper PPE for the job being undertaken could result in death or serious injury. Technicians, in order to protect themselves from potential electrical, mechanical, and chemical hazards, **MUST** follow precautions in this bulletin and on the tags, stickers, and labels, as well as the instructions below:

- Before installing/servicing this unit, technicians **MUST** put on all Personal Protective Equipment (PPE) recommended for the work being undertaken. **ALWAYS** refer to appropriate MSDS sheets and OSHA guidelines for proper PPE.
- When working with or around hazardous chemicals, **ALWAYS** refer to the appropriate MSDS sheets and OSHA guidelines for information on allowable personal exposure levels, proper respiratory protection and handling recommendations.
- If there is a risk of arc or flash, technicians **MUST** put on all Personal Protective Equipment (PPE) in accordance with NFPA 70E or other country-specific requirements for arc flash protection, **PRIOR** to servicing the unit.

ATTENTION: Warnings, Cautions and Notices appear at appropriate sections throughout this literature. Read these carefully:

- ⚠ WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- ⚠ CAUTION** Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury. It could also be used to alert against unsafe practices.
- NOTICE:** Indicates a situation that could result in equipment or property-damage only accidents.

⚠ SAFETY WARNING

Only qualified personnel should install and service the equipment. The installation, starting up, and servicing of heating, ventilating, and air-conditioning equipment can be hazardous and requires specific knowledge and training. Improperly installed, adjusted or altered equipment by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the literature and on the tags, stickers, and labels that are attached to the equipment.

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER and DISCHARGE CAPACITORS BEFORE SERVICING

⚠ WARNING

This information is intended for use by individuals possessing adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage. The manufacture or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

⚠ WARNING

LIVE ELECTRICAL COMPONENTS!
During installation, testing, servicing, and troubleshooting of this product, it may be necessary to work with live electrical components. Failure to follow all electrical safety precautions when exposed to live electrical components could result in death or serious injury.

Introduction

There have been some field reports of premature drain pan failures on the unit models listed above. These failure reports indicate the drain pan may crack allowing condensate water to escape the air handler. Modifications have been made to the condensate drain pans to help prevent cracks in the drain pan. This bulletin is a fix on fail action. This action **not** being taken to address a **Safety Concern**.

Discussion

Reports indicate drain pan failures where mounting screws are installed and in the corner of the drain pan. Small cracks can form in these locations that allow condensate water to escape the drain pan. There have been a few reports of field drain line connections failing. The field connection failures have been attributed to installation practices.

Action Field

If one of the air handler models listed above were to experience a drain pan failure, the drain pan that is managing the condensate water should be replaced. Only replace the drain pan that is managing condensate water not all three drain pans.

If an indoor coil were to fail it is recommended that the drain pan managing the condensate water be replaced on the new coil prior to installing the coil into the air handler. It is only necessary to replace the drain pan that will be managing the condensate water, not all three drain pans.

Below is a list of models and associated drain pan part numbers based upon air handler orientation. Only order and replace the drain pan that is managing the condensate water, not all three.

A/H Model and Orientation	Drain Pan Part Number
4FWH*024 TO 036 Vertical	PAN03880
4FWH*042 to 061 Vertical A/B Only	PAN03881
4FWH*042 to 061 Vertical C Only	PAN03879
4FWH*024 to 036 Horizontal Left	PAN03884
4FWH*024 to 036 Horizontal Right	PAN03885
4FWH*042 to 061 Horizontal Left	PAN03882
4FWH*042 to 061 Horizontal Right	PAN03883
4FWC*024 TO 036 Vertical	PAN03880
4FWC*042 to 061 Vertical A/B Only	PAN03881
4FWC*042 to 061 Vertical C Only	PAN03879
4FWC*024 to 036 Horizontal Left	PAN03884
4FWC*024 to 036 Horizontal Right	PAN03885
4FWC*042 to 061 Horizontal Left	PAN03882
4FWC*042 to 061 Horizontal Right	PAN3883

Parts Ordering Information:

Replacement drain pans should be ordered through normal parts channels.

Material Disposition:

Failed drain pans and drain pans replaced during coil replacement should be disposed of based upon direction of your local parts distributor.

Questions

Dealer and Distributor Personnel: Contact your Local Field Service Representative.

Field Service Representatives: Contact Technical Support in Tyler, TX.

Affected Models

4FWHA024A1000A	4FWHA048A1000B	4FWCA024A1000A	4FWCA048A1000C
4FWHA024A1000B	4FWHA048A1000C	4FWCA024A1000B	4FWCA049A1000A
4FWHA025A1000A	4FWHA060A1000A	4FWCA025A1000A	4FWCA049A1000B
4FWHA025A1000B	4FWHA060A1000B	4FWCA025A1000B	4FWCA049A1000C
4FWHA030A1000A	4FWHA060A1000C	4FWCA030A1000A	4FWCA060A1000A
4FWHA030A1000B	4FWHA061A1000A	4FWCA030A1000B	4FWCA060A1000B
4FWHA036A1000A	4FWHA061A1000B	4FWCA031A1000A	4FWCA060A1000C
4FWHA036A1000B	4FWHA061A1000C	4FWCA031A1000B	4FWCA061A1000A
4FWHA042A1000A		4FWCA036A1000A	4FWCA061A1000B
4FWHA042A1000B		4FWCA036A1000B	4FWCA061A1000C
4FWHA042A1000C		4FWCA048A1000A	
4FWHA048A1000A		4FWCA048A1000B	

4FWHF024A1000A	4FWHF048A1000B	4FWCF024A1000A	4FWCF048A1000C
4FWHF024A1000B	4FWHF048A1000C	4FWCF024A1000B	4FWCF049A1000A
4FWHF025A1000A	4FWHF060A1000A	4FWCF025A1000A	4FWCF049A1000B
4FWHF025A1000B	4FWHF060A1000B	4FWCF025A1000B	4FWCF049A1000C
4FWHF030A1000A	4FWHF060A1000C	4FWCF030A1000A	4FWCF060A1000A
4FWHF030A1000B	4FWHF061A1000A	4FWCF030A1000B	4FWCF060A1000B
4FWHF036A1000A	4FWHF061A1000B	4FWCF031A1000A	4FWCF060A1000C
4FWHF036A1000B	4FWHF061A1000C	4FWCF031A1000B	4FWCF061A1000A
4FWHF042A1000A		4FWCF036A1000A	4FWCF061A1000B
4FWHF042A1000B		4FWCF036A1000B	4FWCF061A1000C
4FWHF042A1000C		4FWCF048A1000A	
4FWHF048A1000A		4FWCF048A1000B	

Literature Order Number		SSA-SVB028A-EN
File Number		
Supersedes		New
Stocking Location		Electronic Only
Trane has a policy of continuous product data and product improvement and reserves the right to change design and specifications without notice. Only qualified technicians should perform the installation and servicing of equipment referred to in this bulletin.		