

PACKAGED UNITS KITS AND ACCESSORIES

508012-03
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Supersedes 508012-02

CONDENSATE DRAIN KIT

INSTALLATION INSTRUCTIONS FOR CONDENSATE DRAIN KIT (LB-107882C, E & F; 43W45, 76W27, 22H54, 38R23, & 38V21)) USED ON PACKAGED UNITS

Shipping and Packing List

22H54 (LB-107882F) 1" PVC Piping

Package 1 of 1 contains:

- 1- Threaded adapter
- 2- Tees
- 3- Elbows
- 4- Short pipes
- 3- Long pipes
- 1- Cap

76W27 (LB-107882E) 1" Copper Piping

Package 1 of 1 contains:

- 1- Condensate drain assembly
- 1- Threaded coupling
- 1- Tee

43W45 (LB-107882C) EPDM Piping

Package 1 of 1 contains:

- 1- Condensate drain trap assembly
- 1- Copper adapter
- 1- PVC adapter

38R23 (LB-107882G) 3/4" PVC Piping

Package 1 of 1 contains:

- 1- Threaded adapter
- 2- Tees
- 3- Elbows
- 4- Short pipes
- 3- Long pipes
- 1- Cap

38V21 (LB-107882H) 3/4" Copper Piping

Package 1 of 1 contains:

- 1- Condensate drain assembly
- 1- Tee

Application

For packaged units equipped with a 1" drain pan connection use:

- 22H54 contains PVC piping.
- 76W27 contains copper piping.
- 43W45 contains EPDM (ethyl propylene diene monomer rubber) drain trap.

For packaged units equipped with a 3/4" drain pan connection use:

- 38R23 contains PVC piping.
- 38V21 contains copper piping

WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier.

General

It is sometimes acceptable to drain condensate onto the roof or grade; however, a tee should be fitted to the trap to direct condensate downward. The condensate line must be vented. Check local codes concerning condensate disposal. Refer to unit instructions for condensate drain location.

CAUTION

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

Installation - PVC Piping

Connect assembled piping to the drain coupling provided on unit. A trap must be installed between drain connection and an open vent for proper condensate removal. See FIGURE 1.

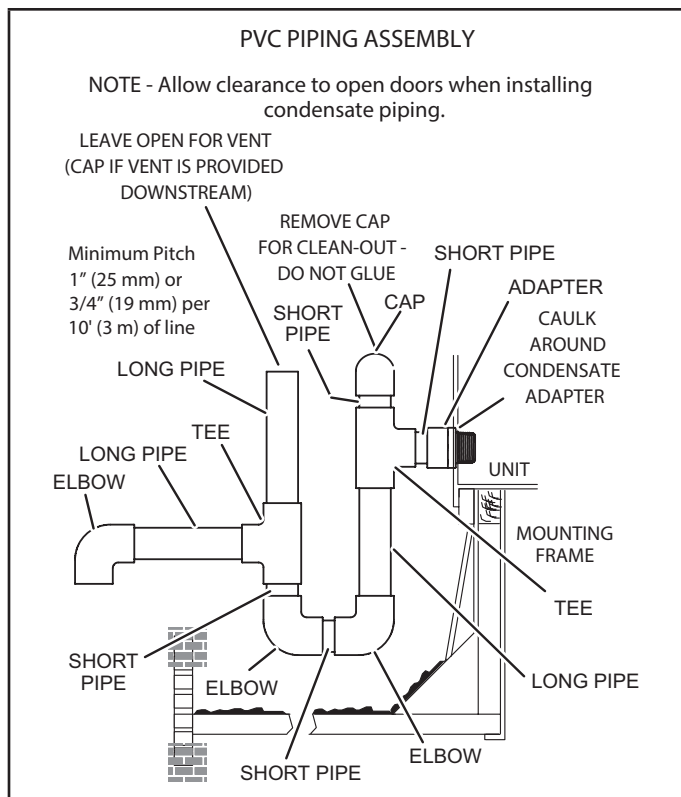


FIGURE 1

Installation - Copper Piping

Units equipped with a male N.P.T. fitting -

Use threaded coupling provided in kit.

Units equipped with a female N.P.T. fitting -

Discard threaded coupling and proceed as follows.

All units -

Connect kit drain assembly to the drain coupling provided on unit. A trap must be installed between drain connection and an open vent for proper condensate removal.

Installation - EPDM Piping

Drain Pans With A Female N.P.T. Fitting -

NOTE - For metal drain pans, use the copper adapter and discard the PVC adapter provided in this kit. For plastic drain pans, use the PVC adapter and discard the copper adapter provided in this kit.

Install the adapter into the drain pan coupling. Fit drain trap assembly onto adapter and tighten clamp at the end of the hose. See FIGURE 2.

Drain Pans With A Male N.P.T. Fitting -

Make drain connection to the 1" N.P.T. drain coupling provided on unit. Install EPDM piping as shown in FIGURE 2. Discard adapter.

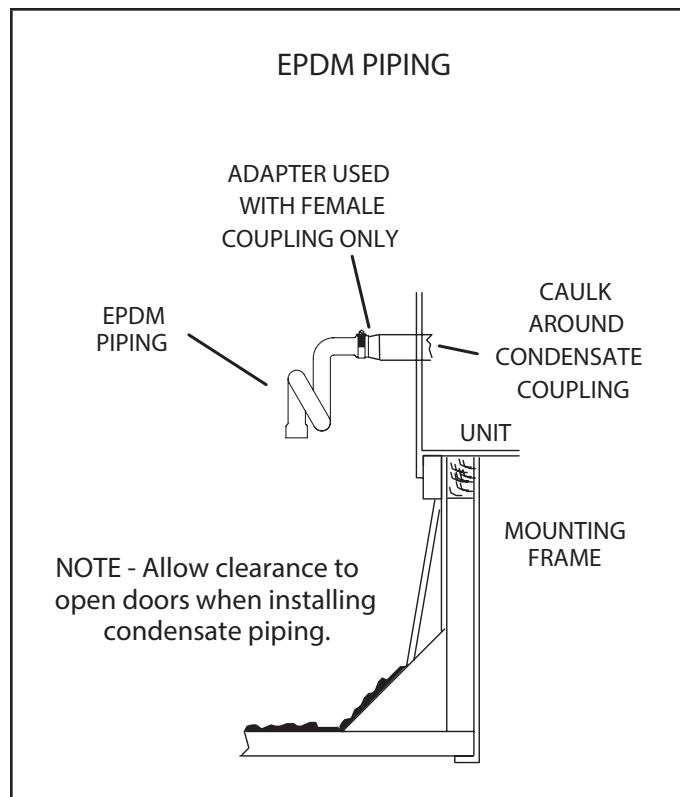


FIGURE 2