



30MPA, MPW017-080, MPE Manifold Victaulic Type Spacer Fitting Kit Accessory

Installation Instructions

Part No. 30MP-900---015, 30MP-900---016

IMPORTANT: Read entire instructions before installing the accessory.

⚠ WARNING

Electrical shock can cause personal injury and death. Shut off all power to this equipment during installation and service. There may be more than one disconnect switch. Tag all disconnect locations to alert others not to restore power until work is completed.

GENERAL

The 30MP manifold Victaulic¹ spacer fitting kit allows for easy installation between two modular 30MP units. The manifold Victaulic fitting kit consists of the required piping, Victaulic spacer fittings, and insulation between either 30MPA, 30MPW or 30MPE units. The manifold fitting accessory package differs depending on the chiller model; consult Table 1 for specific package applications. The contents for each package is shown in Table 2.

Table 1 — Accessory Package Usage

30MP UNIT	PACKAGE REQUIRED
30MPA017-080, 30MPE (Air-cooled)	30MP-900---015
30MPW017-080, 30MPE (Water-cooled)	30MP-900---016

Table 2 — Package Contents^a

ACCESSORY PART NO.	DESCRIPTION	QTY
30MP-900---015	6 in. Style 75 Victaulic Coupling (each coupling consists of 2 housings and 1 gasket)	4
	6 in. Spacer Pipe	2
	Evaporator Piping Insulation	2
30MP-900---016	6 in. Style 75 Victaulic Coupling (each coupling consists of 2 housings and 1 gasket)	8
	6 in. Spacer Pipe	4
	Evaporator Piping Insulation	2

NOTE(S):

a. Victaulic lubricant/silicone lubricant is field-supplied.

NOTE: The kit can be used only on two units built within the same period, either before November 2015 or starting November 2015 (serial number beginning 4515Q).

Check each installation item to be sure it was not damaged during shipping.

IMPORTANT: Check the outside surface of each spacer pipe, as well as between the groove and pipe end for damage. The surface must be smooth and free from indentations, projections, and roll marks. All oil, grease, loose paint, dirt, and cutting materials must be removed.

INSTALLATION

Step 1 — Disconnect Electrical Power

Turn off unit power supply and install lockout tags on all disconnects.

⚠ WARNING

Before beginning installation of this equipment, be sure all power to the unit is disconnected, and that tags are properly placed to alert others. Electrical shock can cause personal injury and death.

Step 2 — Position 30MP Units

Physically position the two 30MP units together, approximately 6 in. (14.9 mm) between the two units. See Fig. 1 and 2.

Step 3 — Install Victaulic Gaskets

Remove the Victaulic gasket from the housings. Apply a thin coat of field-supplied Victaulic lubricant or silicone lubricant to the gasket sealing lips and exterior of gasket. Position the gasket over the manifold pipe end. Make sure the gasket does not overhang the pipe end.

Step 4 — Install Spacer Pipe

Align the spacer pipe into position between the manifold pipes. Slide the gasket into position and center it between the grooves in each pipe end. Make sure no portion of the gasket extends into the groove of the other pipe end.

Step 5 — Install Housings

Install the Victaulic housings over the gasket. Make sure the keys of the housing engage the gasket completely on both pipe ends.

Step 6 — Install Bolts/Nuts

Install the bolts and thread a nut finger-tight on each bolt. Make sure that the oval neck of each bolt seats properly in the bolt hole.

Step 7 — Tighten Nuts

Tighten the nuts evenly by alternating sides until metal-to-metal contact occurs at the bolt pads. Make sure the keys of the housing engage in the grooves completely. Tighten the nuts evenly to prevent gasket pinching.

Step 8 — Visually Inspect

Visually inspect the bolt pads at each joint to ensure metal-to-metal contact is achieved.

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Step 9 — Install Insulation

Remove the adhesive backing from insulation and apply to both spacer pipes connecting the evaporator piping.

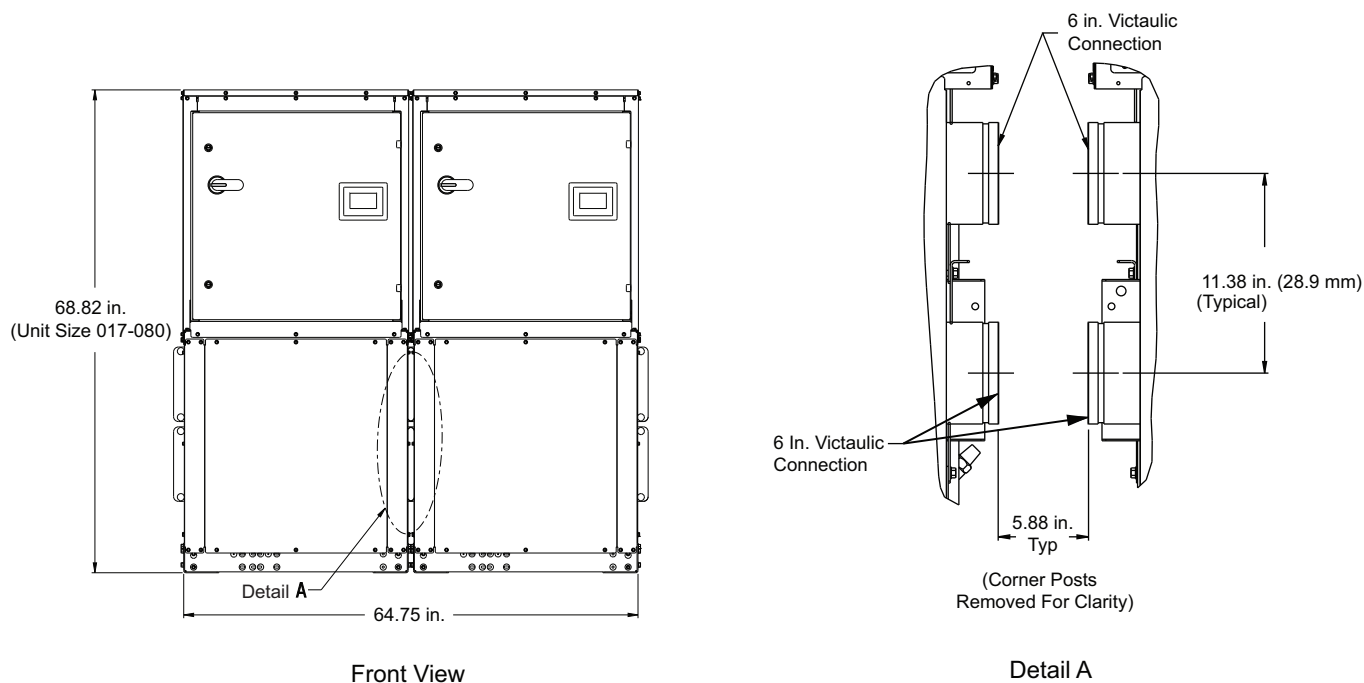


Fig. 1 — Position 30MP Units

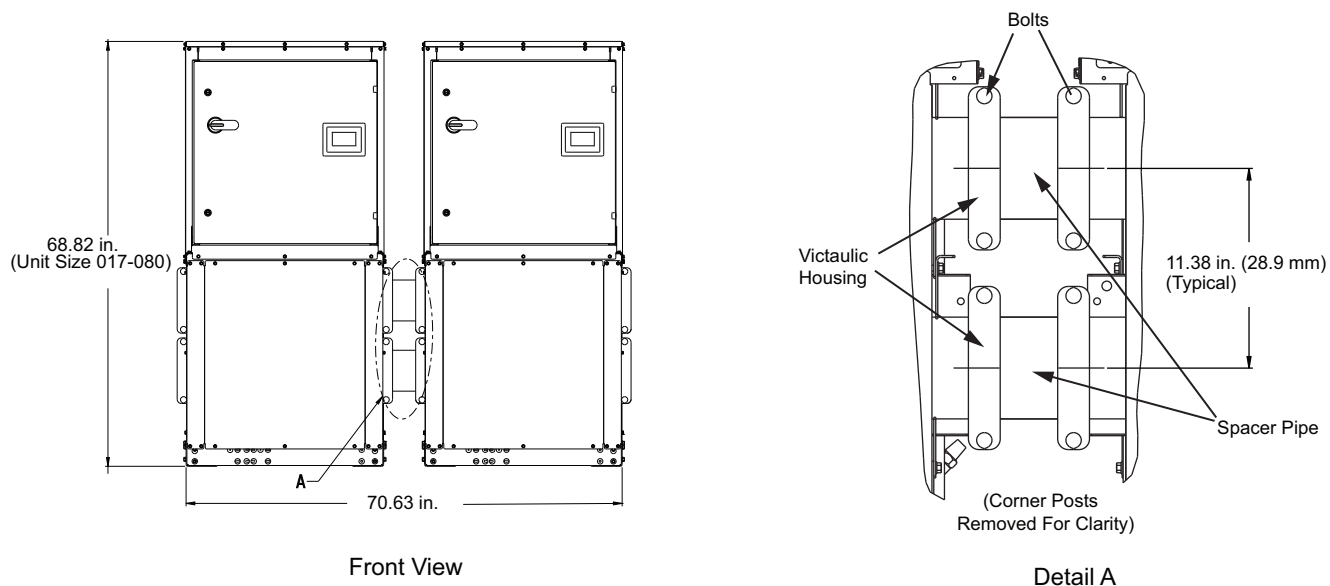


Fig. 2 — 30MP Units with Manifold Fitting Installed