

Installation Instructions

Part No. 00EFN900009300A, 00EFN900009400A,
00EFN900009500A

SAFETY CONSIDERATIONS

Installation of this accessory can be hazardous due to system pressures, electrical components, and equipment location.

Only trained, qualified installers and service mechanics should install, start up, and service this equipment.

When working on the equipment, observe precautions in the literature and on any tags, stickers, and labels attached to the equipment.

- Follow all safety codes.
- Wear safety glasses and work gloves.
- Use care in handling and installing this accessory.

INTRODUCTION

The spring isolation accessory kits consist of 4 cast iron spring-flex mounting isolators. The isolator top and bottom surfaces have oil resistant elastomeric pads attached. The 30XW condensers each have two mounting channels that are 10 in. wide and up to 47³/₈ in. long. One isolator is to be mounted under each channel end through the 7/8 in. clearance hole located at the outer edge of the channel. These isolators are NOT intended for seismic duty, but are intended to reduce the vibration and noise levels transmitted from the chiller to the surrounding environment where the unit is installed.

IMPORTANT: For installations adjacent to areas that are sensitive to noise and/or vibration, use the services of a qualified consulting engineer or acoustics expert to determine whether or not these springs will provide adequate noise/vibration suppression.

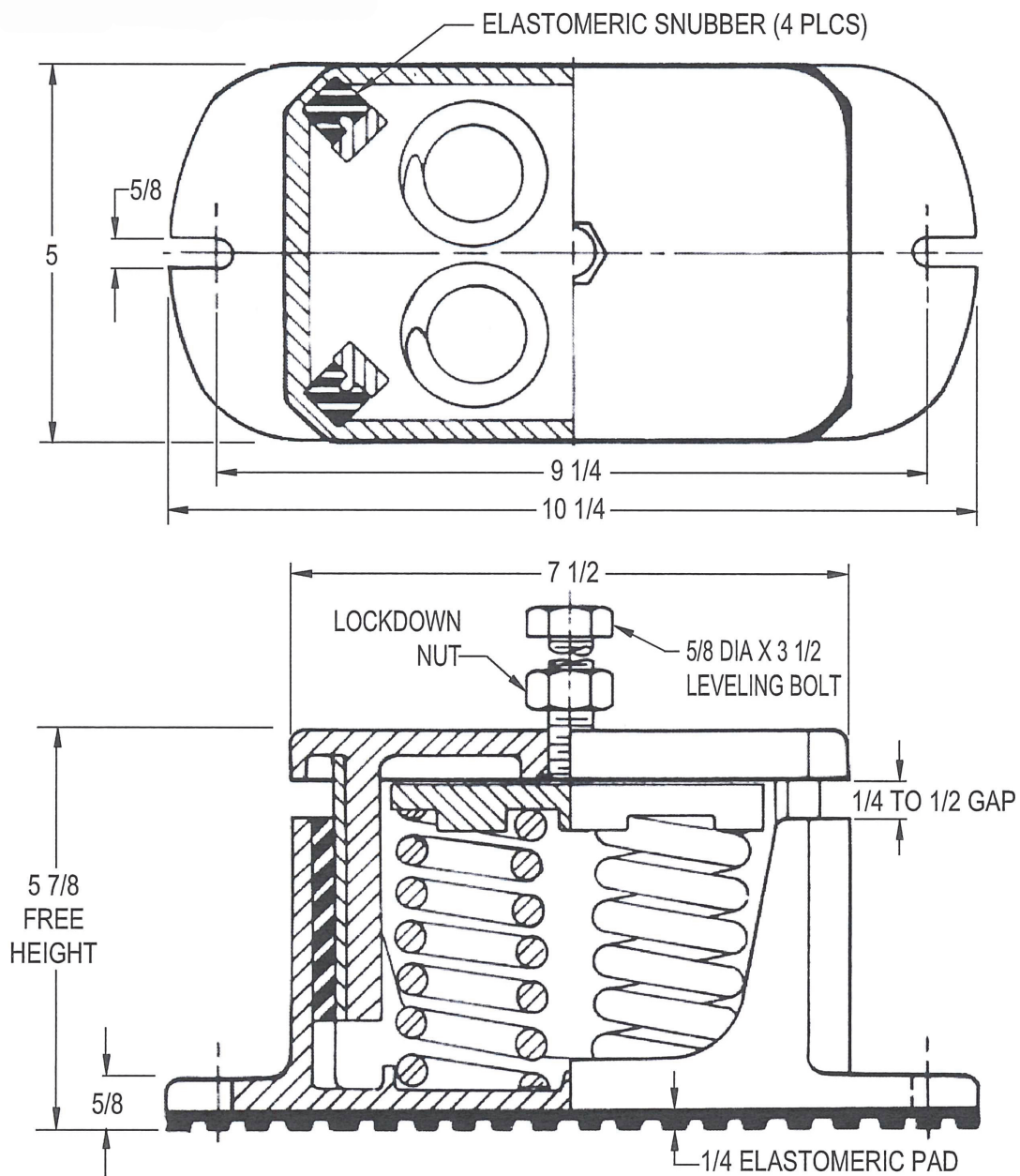
INSTALLATION

Install the accessory kit as follows:

1. The accessory kit is intended for installation at the initial unit installation. One accessory kit is required per chiller. The contents of the kit and part number required are shown in Table 1. All mounting hardware is field supplied.
2. The chiller mounting pad/rail surface must be level. The base plates of the isolators must be no more than 1/4 in. different in elevation for proper operation. The entire isolator base plate area must be resting on a flat surface properly designed for the chiller being installed.
3. Isolators are provided with 5/8 in. wide slots on each end for bolt mounting to the floor, pad, and/or rails as required. Mounting hardware is field supplied. See Fig. 1 for isolator dimensions.
4. Position isolators according to the condenser channel information in Fig. 2-5.
5. Remove leveling bolt and lockdown nut from top of each isolator and save for use later. Install the 30XW chiller onto the top plates of the four isolators, making sure the channel mounting holes in the chiller are centered over the isolator leveling bolt holes. Reinstall the isolator top bolts and lockdown nuts using a field-supplied 3/4 in. washer between the lockdown nut and chiller mounting channel. Leave lockdown nut loose.
6. All isolators require adjustment so that a 1/4 to 1/2 in. gap is set between the upper and lower mount housings. Use leveling bolt to achieve the gap. Adjust isolator bolts in sequence: screw down one complete turn on the bolt of each mounting. Repeat with remaining 3 isolator bolts using the same sequence until the proper gap is obtained on all isolators. See Fig. 1.
7. With proper gap obtained on all four isolators, tighten lockdown nut on each isolator to secure the chiller to the isolators.

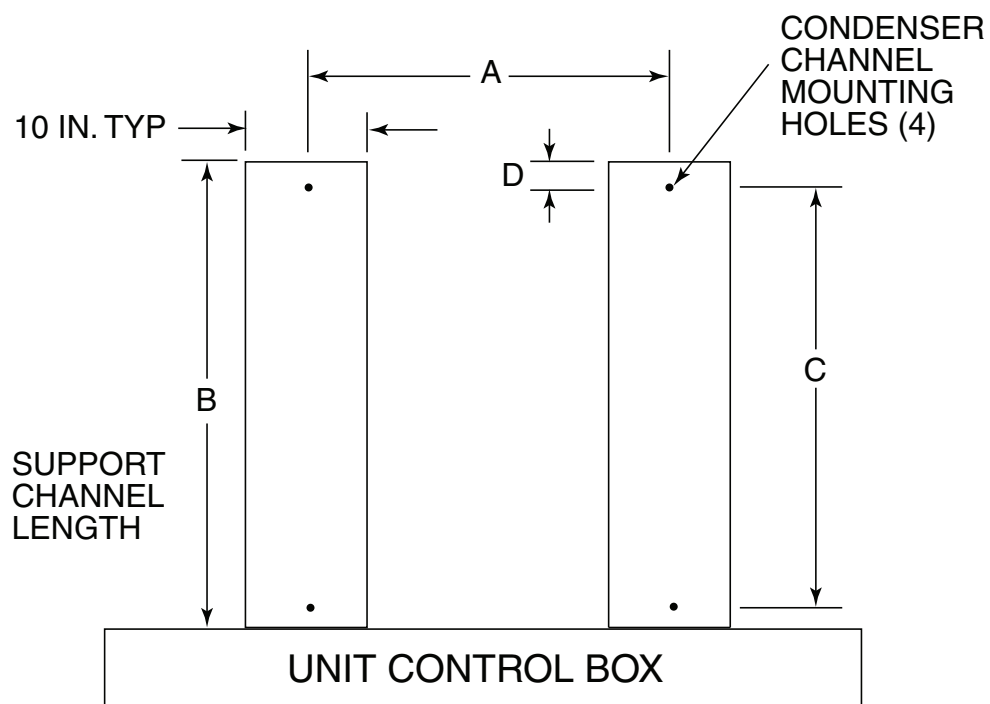
Table 1 — Package Contents

ACCESSORY PART NUMBER (USAGE)	ISOLATOR PART NUMBER	ISOLATOR COLOR CODE	CHILLER MOUNTING LOCATIONS (SEE FIG. 6)	ISOLATOR QTY
00EFN900009300A (30XW150-200)	C4E-1D-2040	Black	1	1
	C4E-1D-2700	Purple	2, 3	2
	C4E-1D-3600	Dark Green	4	1
00EFN900009400A (30XW225-300)	C4E-1D-2700	Purple	1	1
	C4E-1D-3600	Dark Green	2, 3	2
	C4E-1D-4800	Gray	4	1
00EFN900009500A (30XW325-400)	C4E-1D-5440	White	1, 2	2
	C4E-1D-4800	Gray	3, 4	2



NOTE: All dimensions shown in inches.

Fig. 1 — Isolator Dimensions



PLAN VIEW

CHANNEL CENTER AND LENGTH DIMENSIONS (in.)

30XW UNIT SIZE	A	B	C	D
150-200	56.39	42.90	37.02	2.94
225-300	56.39	47.38	39.50	3.94
325-400	56.39	47.38	39.50	3.94

Fig. 2 — Condenser Channel Dimensions

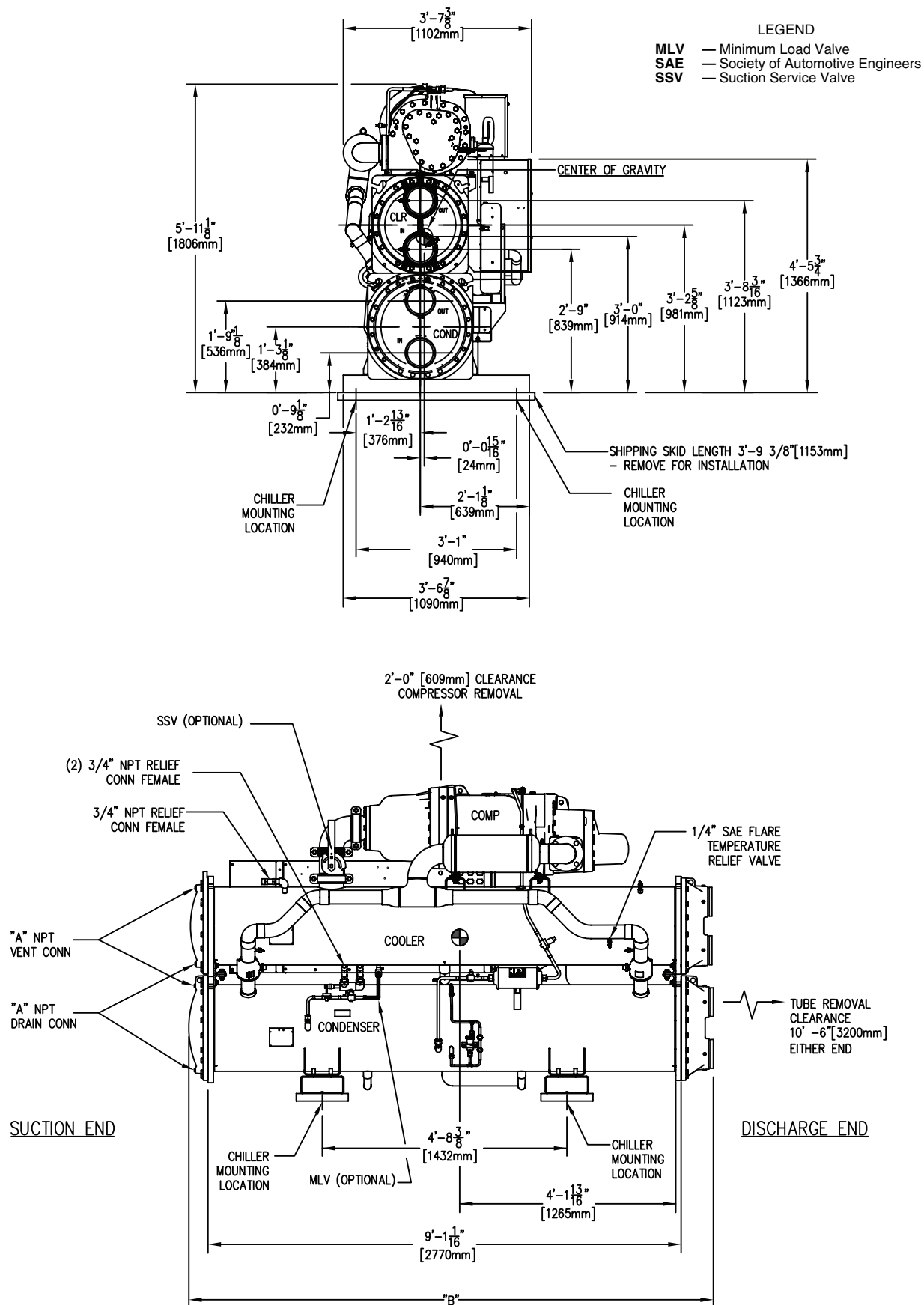


Fig. 3 — Chiller Mounting Locations — 30XW150-200

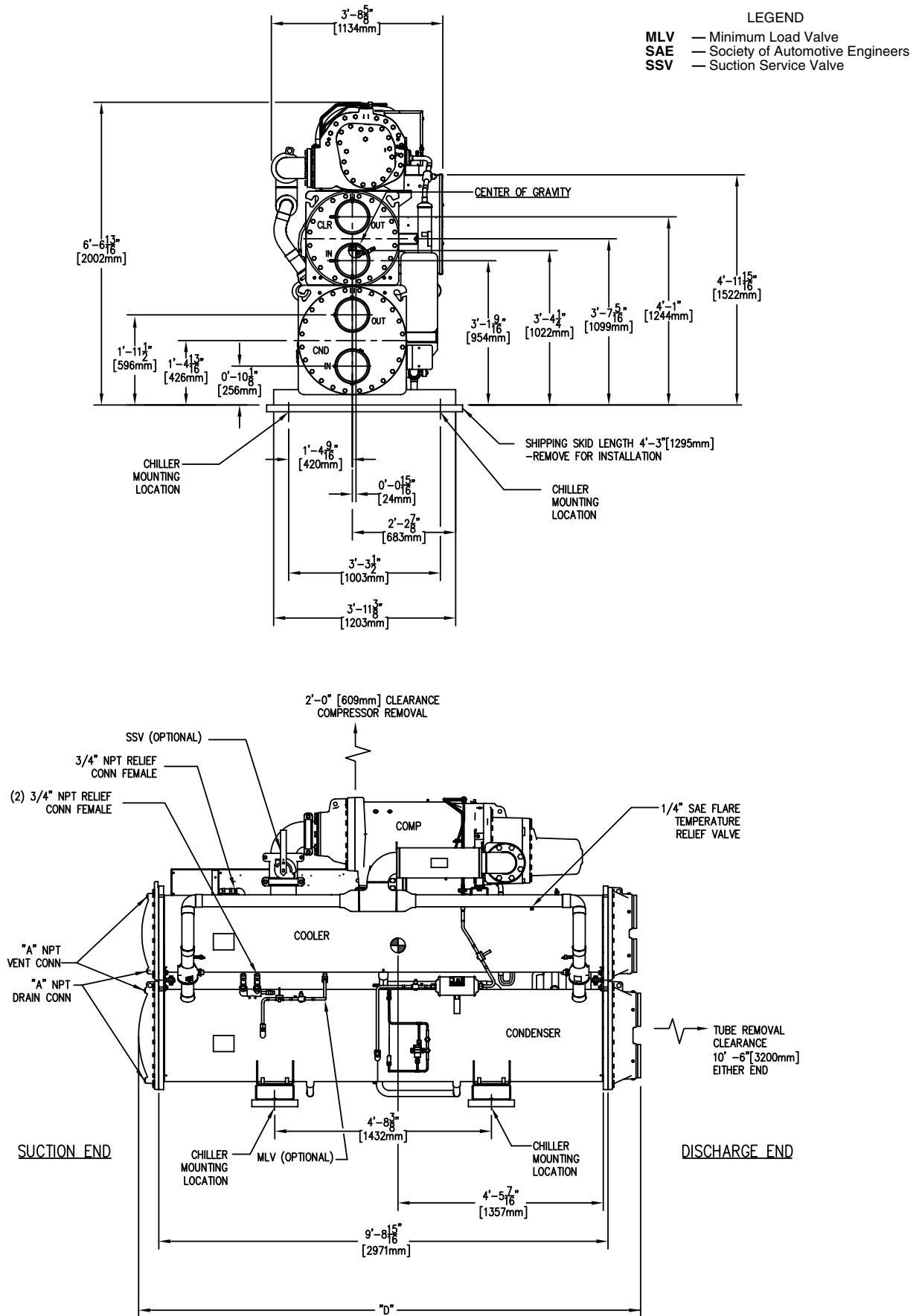


Fig. 4 — Chiller Mounting Locations — 30XW225-300

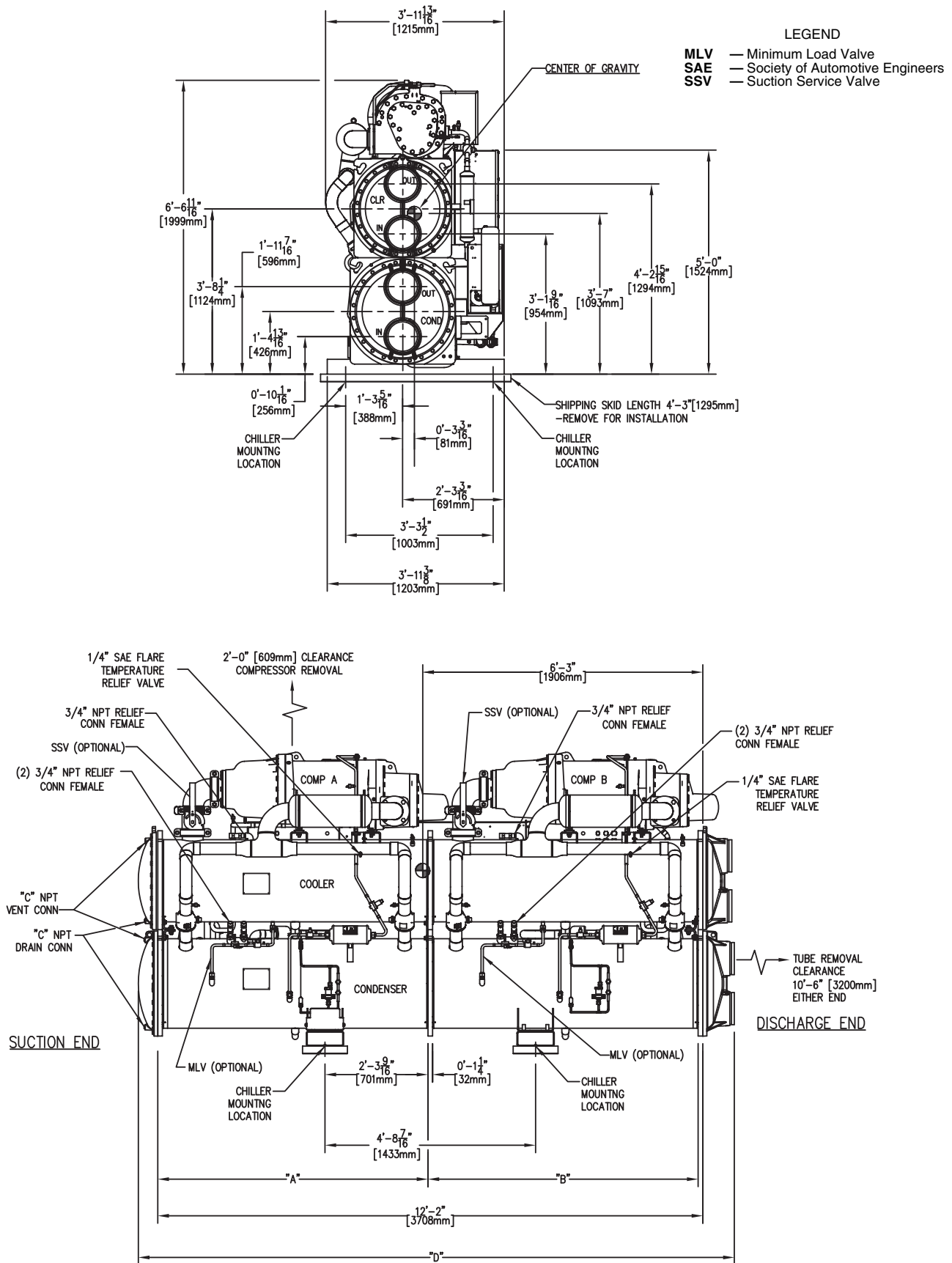
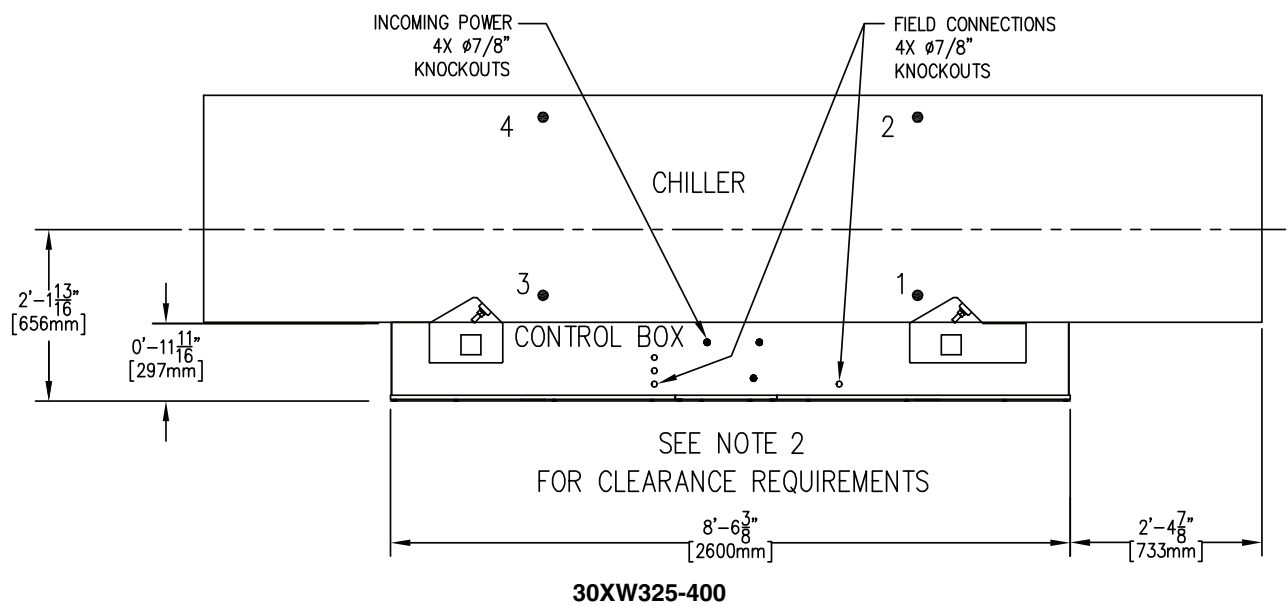
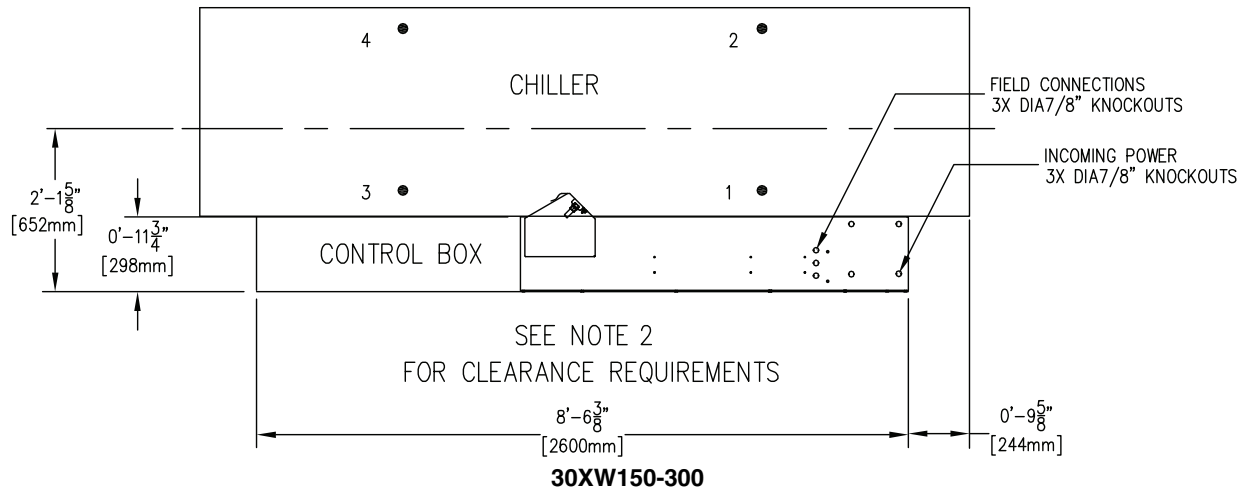


Fig. 5 — Chiller Mounting Locations — 30XW325-400



NOTES:

1. See Table 1 for isolation spring color and mounting location.
2. The recommended service clearance around the machine is 3 ft [914 mm]. Consult local electrical codes for minimum clearance requirements on control panel side.

Fig. 6 — Isolation Spring Mounting Location

