



Installation Instructions

Part No. 09FC70000501, 09FC70000601, 09FC70000701

SAFETY CONSIDERATIONS

Installing, starting up, and servicing air-conditioning equipment can be hazardous due to system pressures, electrical components, and equipment locations.

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

When installing this accessory, observe precautions in the literature, on any labels attached to the equipment, and any additional safety precautions that may apply.

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

⚠ CAUTION

To avoid the possibility of electrical shock, open and tag all disconnects before installing this equipment. Be aware that there may be more than one disconnect.

⚠ CAUTION

Only trained, qualified installers and service technicians should install, start up, and service this equipment. Untrained personnel can perform basic maintenance functions such as cleaning coils. All other operations should be performed by trained service personnel. When working on the equipment, observe precautions in the literature and on tags, stickers, and labels attached to the equipment.

INTRODUCTION

The accessory condenser hail guard is designed to protect the 09FC unit from harsh weather conditions and debris. See Table 1 for accessory package usage and see Table 2 for accessory package contents.

Check each item for shipping damage. If any damage is found, file a claim with the shipping agent immediately. If any item is missing or if any part does not assemble properly, notify your Carrier representative.

⚠ CAUTION

To avoid damage to the water coils and electrical components, use extreme care when drilling screw holes and screwing in fasteners.

IMPORTANT: If wind baffles are used, Hail Guards on the ends of the unit are not required.

Table 1 — 09FC Accessory Package Usage

09FC UNIT SIZE	NO. OF PACKAGE(S) REQUIRED FOR ACCESSORY PART NO.		
	09FC70000501	09FC70000601	09FC70000701
09FC_020	1	0	0
09FC_030	1	1	0
09FC_040	1	2	0
09FC_050	1	2	1
09FC_060	1	3	1
09FC_070	1	4	1
09FC_080	1	5	1

Table 2 — Accessory Contents

ACCESSORY PART NO.	DESCRIPTION	ITEM NO.	QTY
09FC70000501	End Channel Assy, 30XV40036701	748	2
	End Channel Assy, 2000529644	747	2
	Side Uprights, 2000529734	750	4
	Side Channel Assy, 2000529652	751	2
	Side End Louvered Panel, 2000529648	718	2
	Side Louvered Panel, 2000529650	717	2
	Side Louvered Panel, 2000529769	715	2
	Side End Louvered Panel, 2000530312	719	2
	Side End Grille, 2000596793	709	2
	Control Box Grille, 2000598327	707	1
	End Grille, 30XV50036801	749	1
	End Louvered Panel, 2000639863	714	2
	End Louvered Panel, 2000639858	713	2
	Screws, 00PPN500000304A	743	284
	Flat Washers, AU02AF242	744	32
09FC70000601	Side Uprights, 2000529734	750	2
	Side Channel Assy, 2000529652	751	2
	Side Louvered Panel, 2000529650	717	2
	Side Louvered Panel, 2000529769	715	2
	Screws, 00PPN500000304A	743	80
09FC70000701	Side Uprights, 2000529734	750	2
	Side Channel Assy, 2000529652	751	2
	Side Louvered Panel, 2000529650	717	2
	Side Louvered Panel, 2000529769	715	1
	Side Grille, 2000529914	708	1
	Screws, 00PPN500000304A	743	80
	Flat Washers, AU02AF242	744	4

IMPORTANT: Hail guard accessory is designed for installation after unit is installed. The upright and lower panels will block the lifting points for the unit.

INSTALLATION (SEE FIG. 1)

NOTE: Numbers in parentheses are item numbers unless indicated otherwise.

1. Disconnect all power to the unit.
2. Attach side uprights (750) in the center of each V section on both sides of the unit. Use 2 screws (743) at the top and 2 screws (743) at the bottom of each upright.
3. Attach side channel assemblies, (751) should be located horizontally between uprights. Use 4 screws (743), 2 on each end of each side channel assembly.
4. Attach the end channel assembly (748) horizontally to each end of the unit. Attach vertical end channel assembly (747) above horizontal channel at each end of the unit. Use 4 screws (743), 2 on each end of the channel assemblies.
5. Attach side end panels (718) to the side opposite the field piping of the unit nearest the end using one screw (743) at each clearance hole in each panel. Attach panel (719) to the field piping side of the unit using screws (743).

6. Attach side end grille (709) below the (719) panel using four screws (743) and washers (744).
7. Attach side panels (715 and 717) to each side of the unit to cover the area between the side end panels. Use one screw (743) at each clearance hole in each panel.

NOTE: Item 717 is the top panel and Item 715 is the lower panel.

For 09FC050-080 use grille (708) in place of the lower panel to allow access to water connection in center of the unit. Attach using screws (743) and washers (744).

8. Attach end panels (713 and 714) to each end of the unit. Attach panels with one screw (743) at each clearance hole in each panel. Attach grille (707) to the control box end of the unit below the panel. Attach grille (749) to the opposite end of the control box below the panel. Place screws (743) and flat washers (744) between grille rods that are spaced closely together.

NOTE: If grilles were cut to allow for piping, coat any cut edges with black rust preventative spray paint.

9. When all panels are installed and properly fastened, restore power to unit.

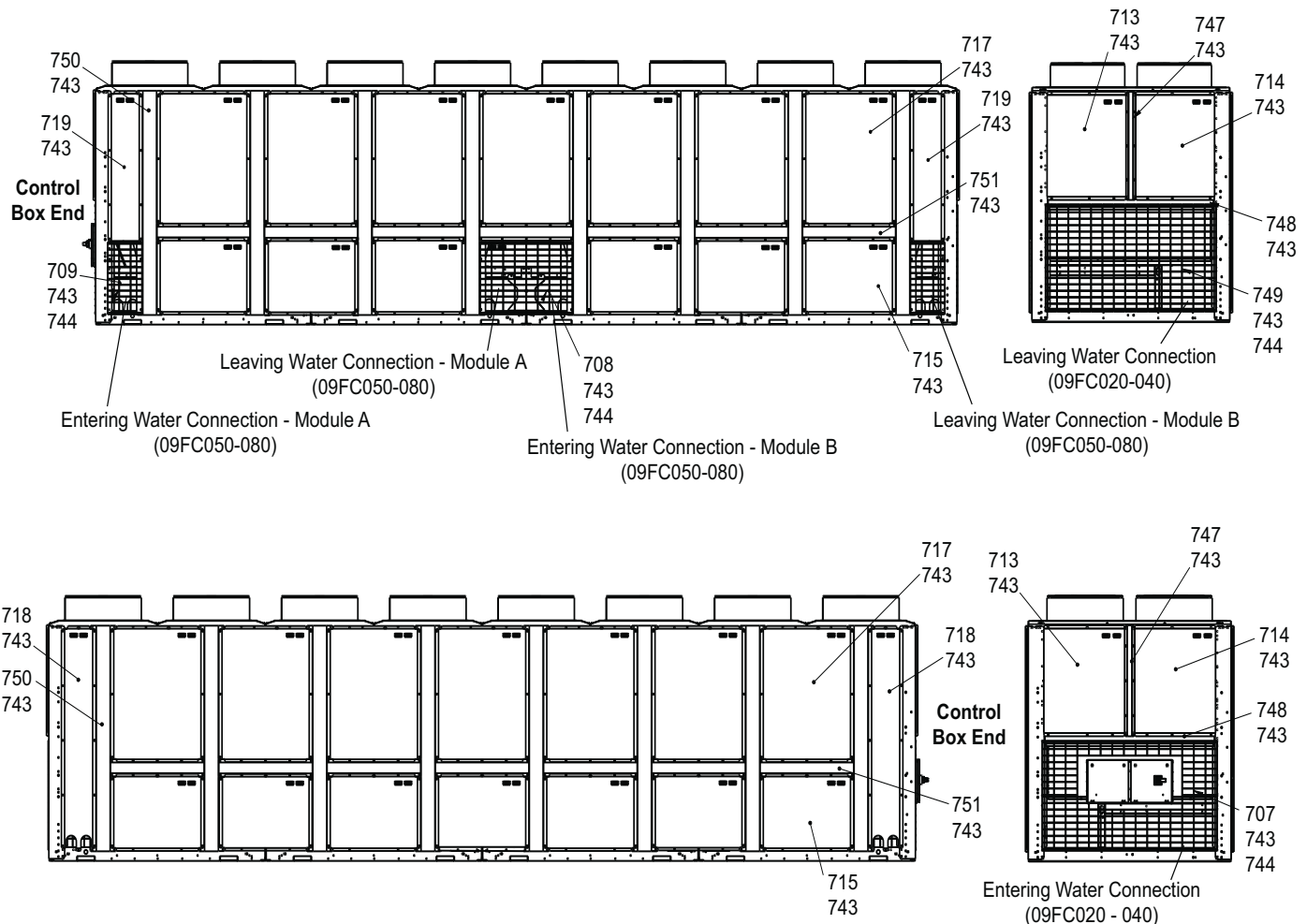


Fig. 1 — Typical Assembly Layout (09FC080 shown)