



SUN ELECTRIC CORPORATION

Model: **NAPA-IV**

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## Field Installation Instructions

INSTALLATION MUST BE PERFORMED BY QUALIFIED SUN SERVICE PERSONNEL ONLY

### INSTALLATION OVERVIEW:

The Installation Procedures listed are for the WA-IV. The unit is shipped as a fully assembled unit, with the exception of the items as listed in the Parts List.

### PARTS LIST:

DESCRIPTION	PART NUMBER	QUANTITY
Literature Kit	0119-0326-01	1
Elastic Cord	0144-0011-01	1
Disposable Oil Cylinder	0271-0071-01	1
wing Nut	0407-0060-01	1
Pads	0536-0520-01	1
VCR Tape, Murray	0552-0984-01	1
90" Adapter	0647-0198-01	1
Screw, $\frac{1}{4}$ -20 X 3/8 Pan Head	0675-0423	4
Installation Instructions	0692-1957-01	1
cap Plug	1374-0111-01	6
Blue Hose Assembly, 36"	3988-0234-01	1
Blue Hose Assembly, 96"	3988-0243-01	1
Red Hose Assembly, 96"	3988-0244-01	1
seal cap	4312-5007-01	1
Gauge Set and Bag Assembly	7009-2132-01	1
Adapter Pack Assembly	7009-2217-01	1
ATC cover Assembly	7009-2218-01	1
Bracket, Disposable Oil Cylinder	701.2-1341-01	1
Side Bracket	7012-1369-02	2
Rubber Mat	7019-0088-01	1
Oil Pan, Anti-Splash	7022-0135-01	1
Tubing	8200-0175-01	1

### REQUIRED TOOLS:

Complete Sun Issued Tool Kit  
Safety Goggles (0001-5005) R-12 Leak Detector

**INSTALLATION:**

**USE STANDARD REFRIGERANT HANDLING SAFETY PROCEDURES  
WHEN PERFORMING THIS PROCEDURE**

1. Open the container and remove the unit and all accessories from the shipping container.
2. Inventory all items using the parts list and inspect for damage.
3. Attach the Brackets (7012-1369-02) to the right side of the cabinet using the 4 Screws (0675-0423) provided.

NOTE: The hoses provided with the NAPA-IV have an angled fitting with a Schrader Valve depressor on one end, and a straight fitting with no depressor on the other end. The straight fittings on all hoses are attached to the headframe output ports as follows:

4. Attach the BLUE Hose Assembly (3988-0243-01) to the Port on the right side of the headframe marked LOW.
5. Attach the RED Hose Assembly (3988-0244-01) to the Port on the right side of the headframe marked HIGH.
6. The RED and BLUE Hose Assemblies may be rewrapped for storage around the Brackets installed in Step 3.
7. Place the Pads (0536-0520-01) in the Anti-splash Oil Pan (7022-0135-01).
8. Slide the Anti-splash Oil Pan into the brackets underneath the rear center of the cabinet.
9. Remove the plastic shipping plug from the rear center of the Vacuum Pump and attach one end of the Tubing (8200-0175-01).
10. Push the other end of the Tubing through the floor of the cabinet into the Anti-splash Oil Pan.
11. Attach the blue internal Hose to a 30 pound tank of R-12.
12. Open the valve on the tank fully counter-clockwise.
13. Check the valve and fitting for leaks using an R-12 Leak Detector.
14. Turn the tank upside down and place it on the scales against the warning blanket.
15. Use the Elastic Cord (0144-0011-01) to secure the tank in place.
16. Attach the internal RED hose to the 90 Degree Adaptor.
17. Attach the 90 Degree Adaptor (0647-0198-01) to the Disposable Oil Cylinder (0271-0071-01).

**NOTE:** Failure to use the 90 Degree Adaptor will cause the scales to be inaccurate and could result in overcharging of a system.

18. Slide the Disposable Oil Cylinder into the Oil Cylinder Bracket (7012-1341-01)
19. Attach the Oil Cylinder Bracket to the Scale in front of the Refrigerant Tank using the wing Nut (0407-0060-01).
20. Recheck all fittings to make sure they are tight.
21. Store all accessories and adaptors in drawers.

**NOTE:** Accessories and adaptors being stored in the lower compartments could slide under the scales causing them to be inaccurate. This could result in overcharging of a system.

**NOTE:** In order to gain access to some parts of the NAPA-IV it may be necessary to remove the storage drawers. Slide the "L" shaped tool in between the drawer guide and the bracket to allow the drawer to be removed.

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\* INSTALLATION COMPLETE \*  
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**CHECKOUT PROCEDURE:** \_\_\_\_\_

Refer to Operator's Manual in the Literature Kit (0119-0326-01)  
and the Video Tape (0552-0984-01) for Checkout  
and Customer Training procedures.

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