



# HENRY DRI-VUE® MOISTURE INDICATOR

## REPLACEMENT KIT MI-2 INSTALLATION INSTRUCTIONS

A MOISTURE-LIQUID INDICATOR INSTALLED IN THE LIQUID LINE OF A REFRIGERATION OR AIR CONDITIONING SYSTEM WILL PROVIDE A POSITIVE MOISTURE AND LIQUID INDICATION OF THE CONDITION OF THE REFRIGERANT IN THE SYSTEM. The "DRI-VUE" combines color indication along with actually spelling out the words "WET" or "DRY" to indicate the condition of the refrigerant.

The MI-2 replacement kit is designed to replace a "Dri-Vue" moisture element that has been damaged in service.

Refrigerants containing liquid dehydrating agents, leak detectors or excessive amounts of water will permanently damage the moisture element. Before replacing a damaged element install a Henry drier or "Dri-Cor" filter-drier and operate the system for several hours before installing the replacement element.

The MI-2 fits all type MI-20 and MI-21 "Dri-Vue" indicators and is readily installed without removing the "Dri-Vue" body from the line. The kit contains a moisture element (1), two packing rings (2), a sight glass (3), an "O" ring (4) and a packing gland wrench (5).

### TO REMOVE THE OLD MOISTURE ELEMENT

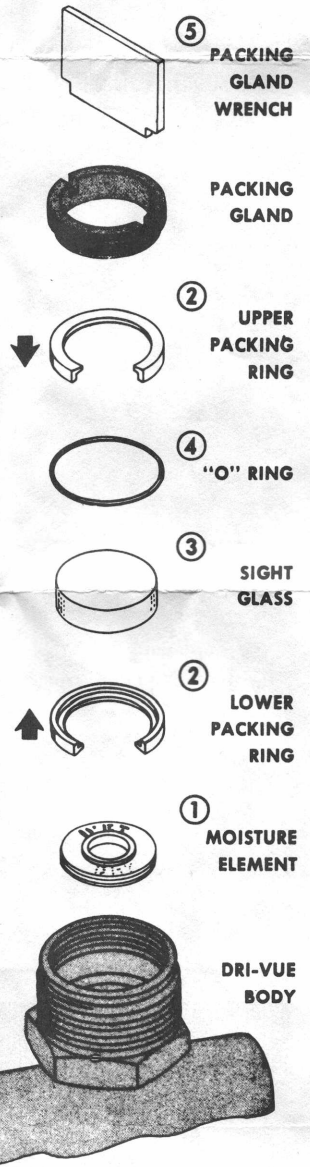
Insert the wrench (5) in the milled slots of the packing gland and turn counter clockwise to remove the gland. Use a knife blade or sharp edge to loosen and remove the upper packing ring (2). Lift out the sight glass (3), "O" ring (4), lower packing ring (2) and moisture element (1).

### TO INSTALL THE NEW MOISTURE ELEMENT

Use a dry cloth to clean and remove excess oil from inside of the "Dri-Vue" body. Remove the moisture element (1) from the small envelope in the kit and place in the recess provided in the body using care to keep the element dry and clean. Insert a new packing ring (2) with the tapered side of the ring in the DOWN position next to the body. Place the new "O" ring (4) around the edge of the sight glass (3) and after cleaning the glass insert both into position on the lower packing ring. Place the second packing ring (2) over the sight glass with the tapered side of the ring in the UP position next to the packing gland. Replace the packing gland and with the packing gland wrench, using a suitable adjustable wrench, tighten the gland firmly. After operating the system, retighten the gland and check for refrigerant leakage. Replace protector cap.

The "Dri-Vue" moisture element will indicate a wet condition from atmospheric moisture pick-up. The system should be allowed to operate for approximately 12 hours, to permit the moisture element to reach equilibrium with the refrigerant in the system. If the element remains pink with the word "WET" in blue contrast, continue to dry the system until the element closely matches the blue in the word "WET" and the word "DRY" in pink appears in contrast.

The following table shows the color change for Refrigerants at various moisture levels and liquid line refrigerant temperatures.



## DRI-VUE MOISTURE-COLOR TABLE

TEMPERATURE	MOISTURE CONTENT — PARTS PER MILLION (P.P.M.)								
	REFRIGERANTS 11, 12, 113 & 114			REFRIGERANT 502			REFRIGERANTS 22 & 500		
	INDICATOR COLOR			INDICATOR COLOR			INDICATOR COLOR		
	BLUE	LIGHT VIOLET	PINK	BLUE	LIGHT VIOLET	PINK	BLUE	LIGHT VIOLET	PINK
75° F.	Below 5	5-15	Above 15	Below 15	15-60	Above 60	Below 30	30-120	Above 120
100° F.	Below 10	10-30	Above 30	Below 25	25-90	Above 90	Below 45	45-180	Above 180
125° F.	Below 15	15-45	Above 45	Below 30	30-120	Above 120	Below 60	60-240	Above 240