

## Leak Detection Kits and Accessories

Kits have fluorescent leak detection dyes that are free of co-solvents that can cause issues with air conditioning and refrigeration (AC/R) systems. The dye is injected into the system and allowed to circulate with the host fluid. An included UV lamp (except for 55NH58) is used to detect any fluorescent dye glow that indicates the presence of a refrigerant leak.

**55NH67, 55NH69, and 55NH58**—Have multi-dose dye cartridges where the injector is connected to the system's low-side service port and the injector's handle is turned to force the dye into the

system. The cartridges have dosage marks that aid in dispensing the correct amount of fluorescent dye. Kits are for small- to medium-sized systems, except 55NH67 can dose up to 64 medium-sized systems or 32 large-sized systems.

**55NH70**—Has single-dose dye capsules that are injected by connecting between the low-pressure gauge of a charged manifold and the service port using two bleed valves. The dye is gradually added into the system along with refrigerant. For small- to medium-sized systems.



Description	Brand	Mfr. Model	Item No.
<b>Spectrolene Leak Detection Kits</b>			
<b>BigEZ Fluorescent Dye Injector Kit</b> includes: Violet light LED leak detection lamp, 4 oz (118 ml) BigEZ fluorescent dye cartridge, EZ-Ject dye injector assembly, 8 in. (20 cm) EZ-Ject hose assembly, Fluorescence-enhancing glasses, 2 oz (60 ml) GO-AWAY Plus dye cleaner, R-410a adapter/purge fitting.	Spectrolene	SPE-HVLBEZE	55NH67
<b>EZ-Ject Fluorescent Dye Injector Kit</b> includes: Violet light LED leak detection lamp, (2) 0.5 oz (15 ml) universal/POE dye cartridges, EZ-Ject dye injector assembly, 8 in. (20 cm) EZ-Ject hose assembly, Fluorescence-enhancing glasses, 2 oz (60 ml) GO-AWAY Plus dye cleaner, R-410a adapter/purge fitting.	Spectrolene	SPE-HVLEZE	55NH69
<b>EZ-Ject Fluorescent Dye Injection System</b> . Multi-use kit ideal for small to medium size systems. Includes: (2) SPE-EZ5E 0.5 oz (15 ml) universal/POE dye cartridges, (1) EZ-Ject dye injector assembly, (1) 8 in (20 cm) EZ-Ject* hose assembly, (1) adapter/purge fitting. Treats up to: 2 gallons (7.6 L) of lubricant, or 25 lbs (11.3 kg) of refrigerant, or 12 tons (42.2 kW) of cooling.	Spectrolene	SPE-EZ100E-CS	55NH58
<b>GLO-STICK Fluorescent Dye Injector Kit</b> includes: Violet light LED leak detection lamp, (1) 0.5 oz (15 ml) universal/POE GLO-STICK dye capsule, (2) 0.5 oz (15 ml) universal/POE GLO-STICK dye capsules, (1) 0.5 oz (15 ml) universal/POE GLO-STICK dye capsule, (1) Bleed valve for attaching GLO-STICK capsule to service hose, 8 in. (20 cm) EZ-Ject hose assembly, Fluorescence-enhancing glasses, 2 oz (60 ml) GO-AWAY Plus dye cleaner, R-410a adapter/purge fitting.	Spectrolene	SPE-HVLGSE	55NH70
<b>Parts and Accessories</b>			
<b>BigEZ Fluorescent Dye Cartridge</b> , 4 oz (118 ml) universal/POE dye multi-use cartridge. Treats up to: 16 gallons (61 L) of lubricant, or 400 lbs (181 kg) of refrigerant, or 150 tons (527.5 kW) of cooling.	Spectrolene	SPE-BEZ5E-4CS	55NH57
<b>EZ-Ject Fluorescent Dye Cartridge</b> , 0.5 oz (15 ml) multi-use universal/POE dye cartridge.	Spectrolene	SPE-EZ5E-CS	55NH59
<b>GLO-STICK 1E Fluorescent Dye Capsules</b> , 0.5 oz (15 ml) universal/POE dye capsule. Treats up to: 15.1 oz to 1.6 qt (445 ml to 1.5 L) of lubricant, or to 4.9 lbs (1.4 to 2.2 kg) of refrigerant, or 2 tons (7 kW) of cooling.	Spectrolene	SPE-GS1E-CS	55NH63
<b>GLO-STICK 2E Fluorescent Dye Capsules</b> , 0.5 oz (15 ml) universal/POE dye capsule. Treats up to: 1.7 to 3.2 qt (3.1 to 3.2 L) of lubricant, or 5 to 9.9 lbs (2.3 to 4.2 kg) of refrigerant, or 6 tons (21.1 kW) of cooling.	Spectrolene	SPE-GS2E-CS	55NH64
<b>GLO-STICK 3E Fluorescent Dye Capsules</b> , 0.5 oz (15 ml) universal/POE dye capsule. Treats up to: 3.3 qt to 2 gal (3.1 to 7.6 L) of lubricant, or 10 to 25 lbs (4.6 to 11.3 kg) of refrigerant, or 12 tons (42.2 kW) of cooling.	Spectrolene	SPE-GS3E-CS	55NH65
<b>Inspection Flashlight</b> with UV, laser and combination modes. 6 UV/Blue LEDs, 3 White LED Flashlight with 100,000 hr LED Life, Cordless, Includes Key Chain Carabiner.	Fluke	RLD2	5DJET
<b>UV LED Leak Detection Flashlight</b> is compact with a pre-focused lens creating a long-range inspection beam. For Universal/POE Dyes only. Includes fluorescence enhancing glasses and batteries.	Spectrolene	SPE-HVL-CS	55NH68



## Vacuum and Superheat/Subcooling Gauges

**Supco**—1TC70 features a color-coded LED readout and 1/4" male flare connections. Includes hanger/stand, quick caps for fittings, and case. Digital models update every 1/2 sec. and feature ultrafine resolution, auto-off, and a built-in hanger. 4FY27 has 4 1/2-digit LCD, thermistor sensor, and reads vacuum in: microns, psi, in Hg, millibars, pascals, Torr, or Millitorr of vacuum. Cleaning port for sensor cleaning and drying. 20LR01 is dual port with a backlit LCD. Unit has an audible and visual alarm when preset alarm thresholds are met.

**JB Industries**—35YX36 measures vacuum and can be remotely monitored via wireless Bluetooth and/or smartphone with free app. Program unit with a low/high limit alarm and it has data monitoring capabilities. Includes a power adapter and case. 5UET3 features programmable alarm, backlight, shutoff, and large LED screen. Factory calibrated. Includes AC adapter and case. 3TRC2 provides continuous read on LCD and saves last readout at shutdown. Leakproof design. 1/4" swivel flare connection.

**Yellow Jacket**—9XHF8 automatically compensates for temp. and can display down to 10 microns in 7 different units. Sensor cord stretches to 24". Auto-Off. Replacement Vacuum Sensor 10M817 is sold separately.

**Inficon**—Pirani sensor for accurate measurements and replaceable filter to protect sensor. Reads from atmosphere to 1 micron. Quick calibration button; 1/4" refrigerant flare fitting. Battery life: 45 hr.

**Testo**—Micron vacuum gauge with wireless Bluetooth communication to smartphone; 1 micron resolution; display data, create reports, and send via email or SMS.

**Test Products International**—Temperature compensated, 300 psi overpressure digital vacuum pressure gauge detects leaks created by vacuum, 7 units of measure.

**UEI Test Instruments**—Provides in-field calibration, analog bar graphs, easy sensor cleaning, and oil contamination sensors.



Description	Measuring Range	Power Supply	Brand	Mfr. Model	Item No.
<b>Gauges</b>					
Electronic	50 to 5000 Microns	9V Battery	Supco	VG60	1TC70
Digital	0 to 19,000 Microns	AAA (3), Not Included	Supco	VG64	4FY27
Digital	0 to 19,000 Microns	(3)AA Batteries	Supco	VG640D	20LR01
Digital Wireless	0 to 12,000 Microns	Rechargeable Lithium Polymer Battery	JB Industries	SH-35N	415F94
Digital Wireless	10 to 12,000 Microns	Rechargeable Lithium Polymer Battery	JB Industries	DV-40S	35YX36
Digital	10 to 200,000 Microns	AC or Batteries	JB Industries	DV-41	5UET3
Digital	10 to 100,000 Microns	9V Battery	JB Industries	DV-24N	3TRC2
Digital	0 to 600 psi		Yellow Jacket	68196	29AU24
Digital	1 to 760,000 Microns	D Cell Battery	Yellow Jacket	69075	12H948
Digital	5 to 25,000 Microns	(2) AA Batteries	Yellow Jacket	69020	423N91
Digital	10 to 25,000 Microns	9V Battery	Yellow Jacket	69086	9XHF8
Digital	25 to 100,000 Microns	9V Battery	Yellow Jacket	69080	9XGJ8 *
Digital	1 to 760,000 Microns	9V Battery	Inficon	710-202-G1	12N632 *
Digital with Bluetooth	0 to 20,000 Microns	(2) AA Batteries	Testo	0560 5522 01	49Z264
Digital	15 to 12,000 Microns	9V Battery	Test Products Intl.	605	3KNP6
Digital	0 to 15,000 Microns	3V Battery	UEI Test Instruments	DMG150	407M22
Digital	5 to 10 Microns	(3)AA Batteries	Robinair	RAVG-1	406P95

Description	Brand	Mfr. Model	Item No.
<b>Replacement Parts &amp; Accessories</b>			
Vacuum Sensor, For Use With Mfr. No. 69086	Yellow Jacket	69087	10M817

\* Battery included.