SUPER SEAL TOTAL™

SMALL SYSTEMS: Up to 1.5 tons (Up to 5 kW)
MEDIUM SYSTEMS: 1.5-5 tons (5-17 kW)

Compatible with all CFC, HCFC, HFC, and HC refrigerants, including 410a.
Compatible with all refrigerant lubricants, including PVE oil.

Application Guidelines:

SUPER SEAL TOTAL™ contains FLASH™ UV dye and fluoresces immediately after installation with any UV light.
For best results use Cliplight's Vector 4™ or Vector 7™ true UV LED lamps.

TOTAL™ SMALL SYSTEMS

- Use 1 can for systems up to 1.5 tons/5 kW.

TOTAL™ MEDIUM SYSTEMS

- Use 1 can for systems 1.5-5 tons/5-17 kW.
- Use 2 cans for systems 5+ tons/17+ kW up to 25 tons/88 kW.
- Allow system to run for 10-14 days before installing second can. Do not exceed ratio of 1 can per 1 gal/3.8 L of system oil when installing a second can. For systems 25+ tons/88+ kW go to cliplight.com/hvacr or call 866.548.3644, 519.969.9456 for technical support.

WARNINGS:

- For professional HVACR use only – for automotive systems use SUPER SEAL TOTAL™ AUTO.
- Always wear safety glasses and protective gloves.
- Use in compliance with the Montreal Protocol and regional or federal laws for the handling of refrigerant.
- Do not exceed 300 psig/20.7 bar at anytime during charging or installation.
- Maximum results are achieved on moisture/contaminant-free systems, losing no more than 15% of the entire refrigerant charge over a 4-week period.

IMPORTANT: Failure to follow check points below may result in compressor breakdown.

1. Charge system for proper operating conditions.
2. Check temperature of operating compressor 1 inch/2.5 cm up from base. Readings above 150°F/66°C may indicate abnormal condition – repair as required.
3. Check discharge temperature measured 1-2 inches/2.5-5 cm downstream of the compressor on the discharge line. Readings above 225°F/107°C may indicate contamination – repair as required.
4. Measure temperature across the liquid line drier to determine if a new drier is required. Temperature differential should be no more than 2°F or 1°C.

QUICK 7 STEP INSTALLATION INSTRUCTIONS
Install into a fully-charged system <u>on low side</u> only
cw = clock wise, ccw = counter clockwise

1. Turn off AC/R unit and allow enough time for refrigerant to equalize in system.
2. Be sure piercing pin is below black washer by turning valve handle (A) ccw. Then thread can tapper (B) to can (C) by turning cw. Be careful not to cross thread or over tighten.
3. Connect opposite end of hose (D) to low side service port. Purge air from hose with system's refrigerant by slightly backing can ccw from can tapper (B) – where regional and federal laws permit.
4. Turn piercing valve (A) cw to pierce can.
5. Turn valve handle ccw to charge can with system's refrigerant.
6. While inverted, turn system on – can will empty.
7. Once can is empty, remove hose and can. Allow system to run for 10 minutes.

If can does not empty after 5 minutes:

- Recharge can with system off, or use refrigerant cylinder.
- Turn unit back on.

NOTE: If can still does not empty, it has been contaminated from system moisture and/or particulate. Clean system before another sealant application is attempted.

NOTE: Where regional and federal laws require, reclaim residual refrigerant from can and hose.

Recycle can. DO NOT REUSE HOSE.

Eye Contact: Remove contact lenses and immediately flush eyes with water and continue washing for several minutes. Obtain medical attention.

Skin Contact: Remove contaminated clothing. Wash with soap and water. If irritation persists or if contact has been prolonged, obtain medical attention.

SUPER SEAL™ training manual and MSDS are available at cliplight.com/hvacr

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