

### REFRIGERANT CYLINDER HEATER BLANKETS

To assure a complete transfer of refrigerant ENALT recommends using our RTHB Heater Blankets. The heater maintains an even temperature for a constant positive pressure within the refrigerant cylinder. The positive pressure speeds the transfer and assures a complete charge.

- The thermostat is set to trip a 130° F. (55° C.) and acts as a primary control;
- All heater blankets are protected by a safety thermostat preset to 140° F. (60° C.);
- The RTHB-800 is designed for use on 125 Lbs. (56,7 Kg.) refrigerant cylinders 10" to 11" (254 to 280 mm.) in diameters and 54" (1.370 mm.) tall;
- 110V models are available upon request.

**CAUTION :** Heater blanket, while energized, must always be in direct contact with the refrigerant cylinder.



RTHB-300



Model	Description
RTHB-300	Refrigerant cylinder heater blanket <b>300W</b> 230V-1ph-50Hz for 22 to 33 Lbs ( <b>10 to 15 Kg.</b> ) cylinders 9" to 10" (225 to 248 mm.) diameter. Power cord 5' (1,5 m).
RTHB-400	<b>400W</b> 230V-1ph-50Hz for 50 to 60 Lbs ( <b>22 to 27 Kg.</b> ) cylinders 12" to 13" (305 to 335 mm.) diameter.
RTHB-800	<b>800W</b> 230V-1ph-50Hz for 100 to 125 Lbs ( <b>45 to 57 Kg.</b> ) cylinders 12" to 13" (305 to 335 mm.) diameter.

### LIQUID CHARGING ADAPTERS

Metering element reduces liquid flow to a level below capacity of compressor. This assures a safe, fast charge without damaging the compressor. Accepts liquid refrigerant R-134a, R-416a, HFO1234yf... from the cylinder and discharges into low side of the system. Liquid charging is recommended when charging blends into refrigeration and air conditioning systems, and a liquid charger adapter is necessary for safe and fast liquid charging through the low pressure side of a system. Eliminate the time and effort of heating cylinder.

- It's 7 to 10 times faster. Converts liquid refrigerant to a saturated vapor for fast entry without any risk of slugging the compressor with liquid refrigerant - an event likely to damage the compressor;
- Made of light weight brass. Female SAE nut with Neoprene gasket and Depressor. Extended knurling, blow-off groove channels refrigerant out of the front of the nut to help prevent spray back;
- Sold at a fraction of the cost of other fast charging devices.



LC4- 4PR



Typical Application



LCK- 9PR

Model	Description
LC4- 4PR	Liquid Charging Adapter <b>1/4"</b> (7/16" 20UNF) <b>Female SAE</b> with Gasket x <b>1/4"</b> (7/16" 20UNF) <b>Male SAE</b> with Cap and Plastic Retainer Strap - <b>Red.</b>
LC4- 2PR	<b>R-134a 1/4"</b> (7/16" 20UNF) <b>F. SAE</b> w/Gasket x <b>1/2"</b> <b>M. ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LC2- 2PR	<b>R-134a 1/2"</b> <b>F. ACME-16</b> w/Gasket x <b>1/2"</b> <b>M. ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LC4-2LHPR	<b>R-1234yf 1/4"</b> (7/16" 20UNF) <b>F. SAE</b> w/Gasket x <b>1/2"</b> <b>M. ACME-16 LH</b> Left Hand w/Cap & Plastic Retainer Strap - <b>Red.</b>
LC2LH-2LHPR	<b>R-1234yf 1/2"</b> <b>F. ACME-16 LH</b> w/Gasket x <b>1/2"</b> <b>Male ACME-16 LH</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK- 9PR	Liquid Charging Cylinder Adapter <b>Female (W21,7x1,814 France), (W21,8x1/14" Germany, Nederland)</b> with Gasket x <b>1/4"</b> (7/16" 20UNF) <b>Male SAE</b> with Cap and Plastic Retainer Strap - <b>Red.</b>
LCK- 2PR	<b>R-134a F. (W21,7x1,814 France), (W21,8x1/14" Germany, Nederland)</b> w/Gasket x <b>1/2"</b> <b>M. ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK-13PR	<b>F. G 5/8"</b> (UK) w/Gasket x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK-15PR	<b>R-134a F. G 5/8"</b> (UK) w/Gasket x <b>1/2"</b> <b>M. ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK-16PR	<b>F. 3/4"</b> <b>BSPP</b> (Australia) w/Gasket x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK-18PR	<b>R-134a F. 3/4"</b> <b>BSPP</b> (Australia) w/Gasket x <b>1/2"</b> <b>M. ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK- 8PR	<b>F. 1/2"</b> <b>NPSM</b> (U.S.A.) w/Gasket x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK-10PR	<b>R-134a F. 1/2"</b> <b>NPSM</b> (U.S.A.) w/Gasket x <b>1/2"</b> <b>Male ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK- 1PR	<b>F. 3/4"</b> <b>NPSM</b> (U.S.A.) w/Gasket x <b>1/4"</b> (7/16" 20UNF) <b>M. SAE</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>
LCK-20PR	<b>R-134a F. 3/4"</b> <b>NPSM</b> (U.S.A.) w/Gasket x <b>1/2"</b> <b>M. ACME-16</b> w/Cap & Plastic Retainer Strap - <b>Red.</b>

### ChargeFaster™ FAST CHARGING DEVICE

No need to apply heat to the refrigerant cylinder while charging. Cylinder temperature and pressure remain constant since expansion of the liquid refrigerant takes place in the ChargeFaster™ rather than in the cylinder. Contains a check valve which opens and bypasses its internal restriction when drawing a vacuum through the charging manifold gauge. There is no resultant slowdown in the evacuation.

- Charge liquid into the low side of the system fast without heat. Up to eight times faster refrigerant charging insertion than when using unassisted vapor charging;
- Male 1/4" (7/16" 20UNF) thread one end with cap and Plastic Retainer Strap / Female 1/4" (7/16" 20UNF) thread other with Neoprene O-Ring. May remain as part of the manifold gauge;
- Can be used with all 400 series blends refrigerant.

**CAUTION :** A minimum flexible charging hose of 3' (0,9 m.) should be maintained between ChargeFaster™ and the low side charging port on the system.



UR3- 42LHPR

Model	Description
CH-200	ChargeFaster™ for 12.000 to 57.000 Btu/h (3,51 to 16,70 Kw) system capacity.
<b>Accessories</b>	
AD24	R134a Adapter 1/2" Female ACME-16 with Gasket x 1/4" (7/16" 20UNF) Male SAE.
UR3-42PN	R134a Adapter 1/4" (7/16" 20UNF) Female SAE with Long Tan Copper Gasket x 1/2" Male ACME-16 with Cap and Plastic Retainer Strap.
AD2LH4	R1234yf Adapter 1/2" Female ACME-16 LH with Gasket x 1/4" (7/16" 20UNF) Male SAE.
UR3-42LHPR	R1234yf Adapter 1/4" (7/16" 20UNF) Female SAE with Long Tan Copper Gasket x 1/2" Male ACME-16 LH with Cap and Plastic Retainer Strap - Red.