

NO-BRAZE REFRIGERATION COMPONENTS

Solenoid valves & fittings for commercial & domestic refrigeration applications



Olab Fast Lock's unique solution allows OEMs to remove the entire braze process, in turn reducing costs and improving connection quality. Installation is faster and safer- saving you money and HR headaches.

How much is the brazing Process *REALLY* costing you?

Benefits of FAST LOCK over Traditional Brazed Systems

- Reduced prep and installation time **Cost Savings**
- Better quality and consistency/reliability **Benefit**
- Safer work environment **Benefit**
- Minimal operator training necessary **Benefit**
- Cleaner and healthier work environment **Benefit**
- Eliminates permits **Benefit**
- Eliminates welding equipment & tools **Cost Savings**
- Eliminates flux **Cost Savings**
- Eliminates nitrogen tanks **Cost Savings**
- Eliminates acetylene tanks **Cost Savings**
- Eliminates rework **Cost Savings**
- Makes servicing hard to reach areas much easier **Benefit**
- No lugging tanks to and from jobs for repairs **Benefit**
- Easier to service flame-free locations **Benefit**

BRAZING REQUIREMENTS

vs.



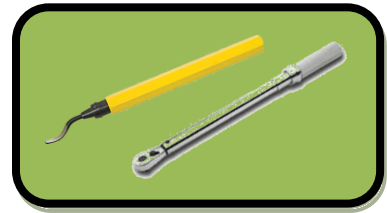
REQUIREMENTS

Costly & unsafe

- Specially trained operators
- Safety equipment
- Nitrogen Tank
- Acetylene Tank
- Torch
- Welding equipment
- Flux
- Cooling rag
- Solvent and emery cloth
- Permits

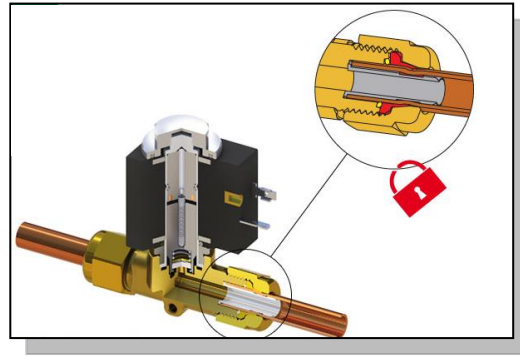
Fast, simple, consistent

- De-burring tool
- Torque Wrench

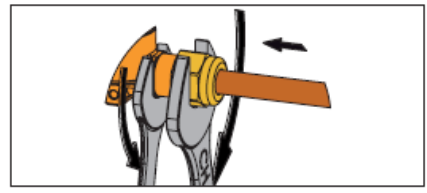
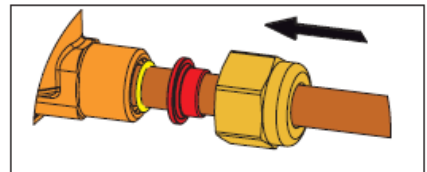
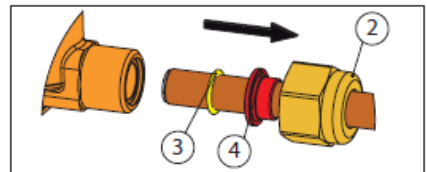
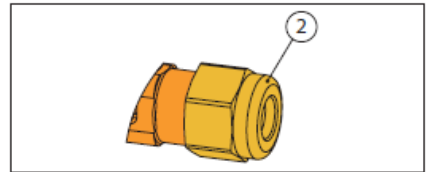
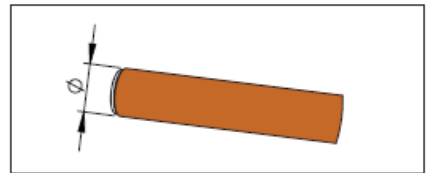
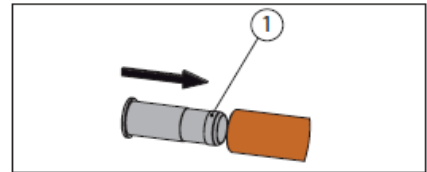


	Solenoid Valves		Fittings	
Max Opp Pressure	45 bar	653 PSI	up to 125 bar	1813 PSI
Max Burst Pressure	3 x Max Opp Pressure		2,5 x Max Opp Pressure	
Temp Range	-35 to 105 c	-31 to 221F	-40 to 150C	-40 to 302 F
Tube Size	6, 8, 10, 12 mm	¼, 3/8, ½,	6, 8, 10, 12 mm	¼, 3/8, ½,
Approved Refrigerants	R134a, R22, R407C, R404A, R410A, R507			
Agency Approvals	Electrical part (coil) of solenoid valve approved USR-CNR			
Tubing	Copper, Aluminum, Brass pipes			
*other refrigerants, tube sizes, configurations, approvals available on request				

HOW TO USE



1. Cut off and face the pipe, eliminating any burrs inside and out, then insert the reinforcing bush (1).
2. Make the bush (1) go right into the pipe, pressing gently by hand if necessary.
3. Loosening the Olab Fast Lock locking nut (2)
4. Remove the Olab Fast Lock components from the fitting and mount them on the pipe in given sequence.
5. Insert the pipe in the fitting, moving the nut (2), ogive (4) and o-ring (3), taking care not to damage the gasket.
6. Tighten the nut (2) to the correct torque, pressing slightly to keep it in its seat.



Applications

*Air conditioning * Ice cream machines * Ice machines * Heat pumps
* Blast chillers * AC Trains * liquid cooling * Supermarket Display cases * Merchandising cases

With over 30 years working in the most rugged industries, Olab has the expertise to solve your component challenges. Please call us at 952-906-1539 to learn more.