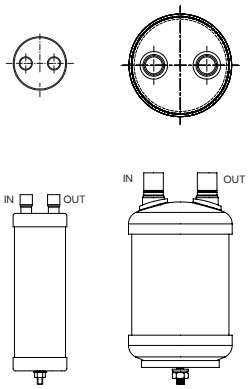
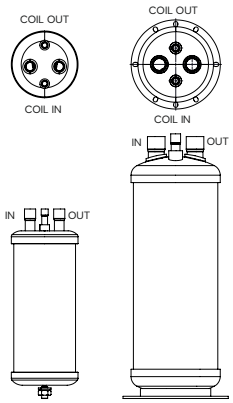
Dry All®

Full Range of HVAC&R Line Products

Suction Accumulator (w/& w/o) HEX Installation Guideline

Installation / Location / Positioning of Accumulator in HVAC&R System

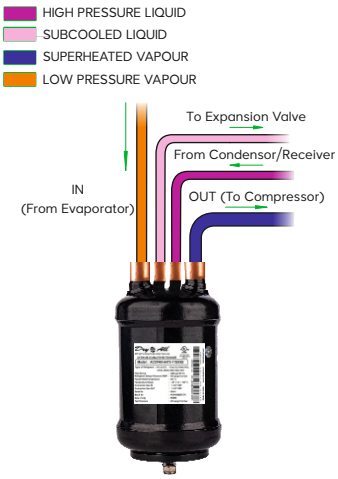




ACCM SERIES | **ACCMHX SERIES**

Product Installed In Ref. Cycle

1 Suction Line Accumulator



Suction Line Accumulator with Heat Exchanger

Product Installation Guideline:-

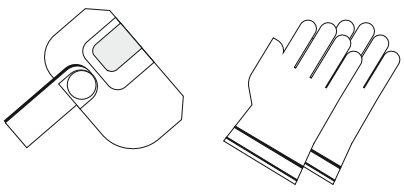
- To prevent moisture from entering the accumulator while in transit and storage, ensure it is charged with positive nitrogen pressure. Open only when ready to use.
- Install the accumulator in the suction line.
- Ensure that the installation location is as close to the evaporator outlet as possible.
- Choose oil separator model according to the capacity rating as given in the catalogue only.
- Ensure that the incoming suction line tubing is connected to the connection marked “IN.”
- For vertical accumulators, rotate the accumulator on its mounting as required to achieve the desired connection orientation.
- Piping between the evaporator and the accumulator should be arranged to allow free flow of refrigerant.
- The location of the accumulator should be such that it is not exposed to conditions that could cause overheating of the refrigerant inside (e.g., avoid direct sunlight or other heat sources).

Dos & Don'ts

Installation should be done in normal, clean and safe atmospheric conditions. Please don't do any work in hazardous and unsafe conditions.

2

Use face shield or green goggles as protection for eyes. Use heat resistance gloves. Use protective coveralls made of breathable materials.



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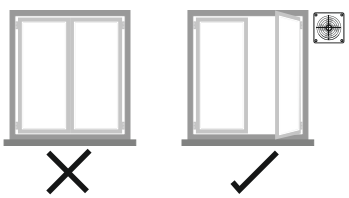
When working make sure that the area has enough ventilation or working exhaust



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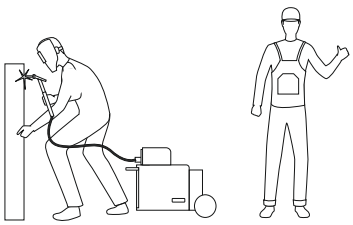
Wear impermeable coverall clothing with breathable fabrics.



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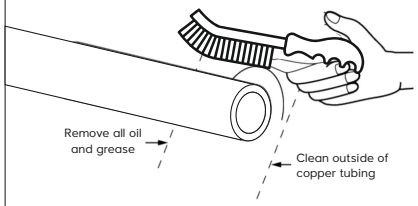
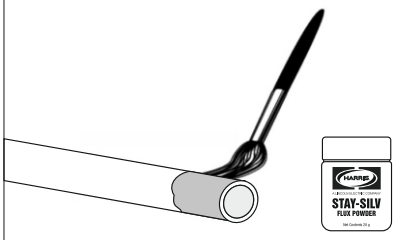
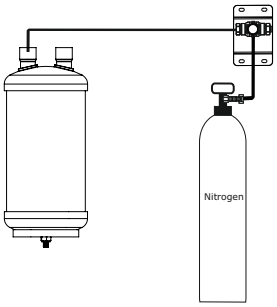
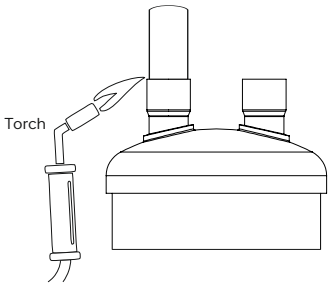
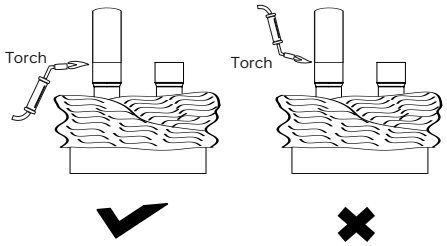
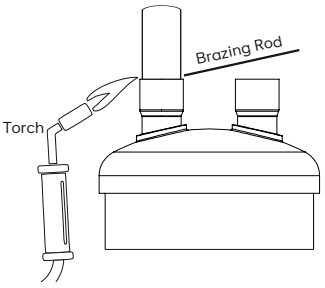
Brazing Technique

Clean the mating parts with cleaning pad or special wire brush	Apply flux to the male connection after cleaning operation	During brazing bleed an insert gas (Dry Nitrogen or CO_2)
 **6**	 **7**	 **8**
Use a torch tip which is large enough to provide uniform heating on the mating parts.	Place cold wet rag on receiver body and direct the flame of torch away from end of the shell so as to avoid damaging the shell and paint due to excessive heating	Use copper or high silver brazing rod as required. After brazing the joint, wipe the solder joint with a rag and allow it to cool. Clean to remove excess flow (to improve the appearance) of flux if any.
 **9**	 **10**	 **11**