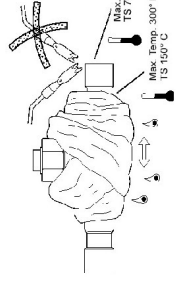


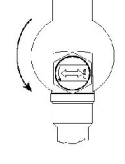
CFC HCFC & HFC

Ambient Temp.
-40° to 175° F

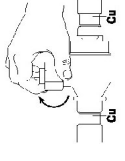
Operating Media Temp
-40° to 300° F
TS -40° to 149° C



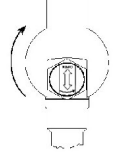
Note: Purge with nitrogen during brazing.



OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

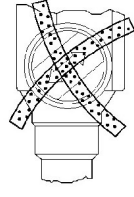
Loosen Nut

Change Stem
Direction

Hand Tighten

Hand Tighten

Tighten 1/4
Turn

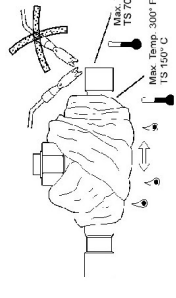


Ball Valve MUST be in FULL OPEN or FULL CLOSED POSITION.

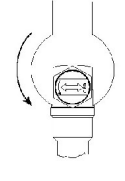
CFC HCFC & HFC

Ambient Temp.
-40° to 175° F

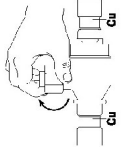
Operating Media Temp
-40° to 300° F
TS -40° to 149° C



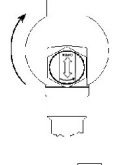
Note: Purge with nitrogen during brazing.



OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

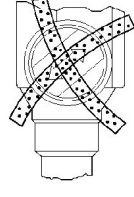
Loosen Nut

Change Stem
Direction

Hand Tighten

Hand Tighten

Tighten 1/4
Turn

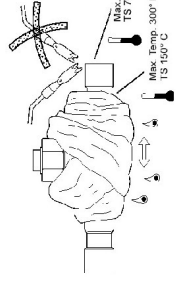


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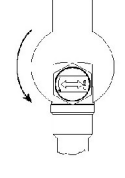
CFC HCFC & HFC

Ambient Temp.
-40° to 175° F

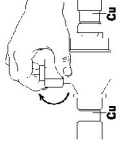
Operating Media Temp
-40° to 300° F
TS -40° to 149° C



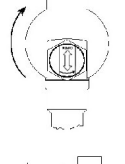
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OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

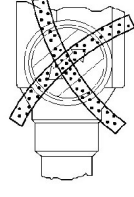
Loosen Nut

Change Stem
Direction

Hand Tighten

Hand Tighten

Tighten 1/4
Turn

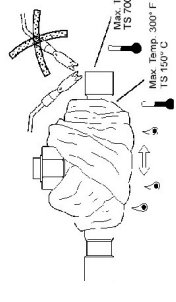


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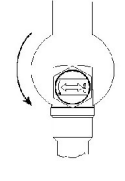
CFC HCFC & HFC

Ambient Temp.
-40° to 175° F

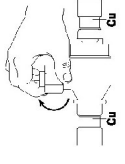
Operating Media Temp
-40° to 300° F
TS -40° to 149° C



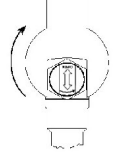
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OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

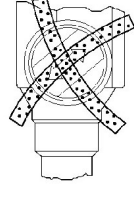
Loosen Nut

Change Stem
Direction

Hand Tighten

Hand Tighten

Tighten 1/4
Turn

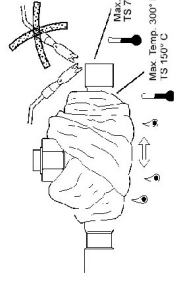


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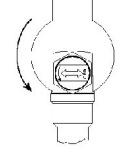
CFC HCFC & HFC

Ambient Temp.
-40° to 175° F

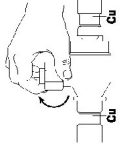
Operating Media Temp
-40° to 300° F
TS -40° to 149° C



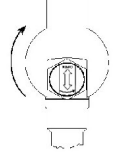
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OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

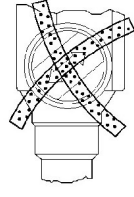
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Tighten 1/4
Turn

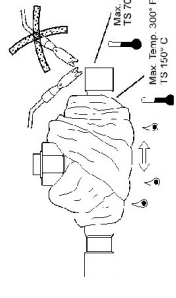


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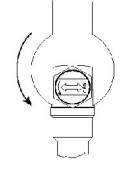
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Ambient Temp.
-40° to 175° F

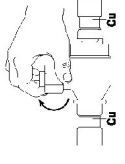
Operating Media Temp
-40° to 300° F
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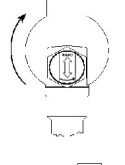
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OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

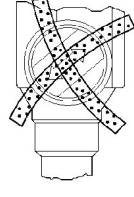
Loosen Nut

Change Stem
Direction

Hand Tighten

Hand Tighten

Tighten 1/4
Turn

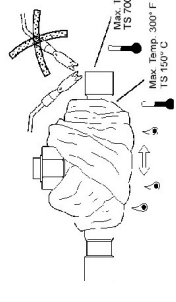


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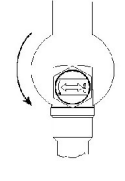
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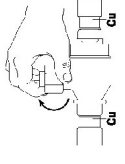
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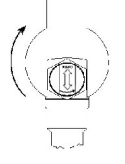
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OPEN
Position



CLOSED
Position



Tighten 1/4
Turn

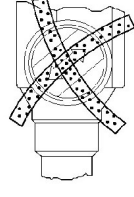
Loosen Nut

Change Stem
Direction

Hand Tighten

Hand Tighten

Tighten 1/4
Turn



Ball Valve MUST be in FULL OPEN or FULL CLOSED POSITION.

GFCHGFC & HFC

- Apply a small amount of refrigerant oil to the flare face during installation.
- Tighten flare connections to approved level with torque wrench. Do not over-tighten.

Flare Size	Torque (Ft-lbs)	Torque (N-m)
1/4"	10 - 13	14 - 18
3/8"	25 - 30	34 - 42
1/2"	35 - 44	49 - 61
5/8"	49 - 59	68 - 82

- Ensure Schrader cap is tight.
- Install insulation carefully. Seal using adhesive provided. Ty-raps can be used for additional security.

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