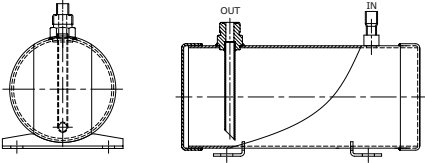
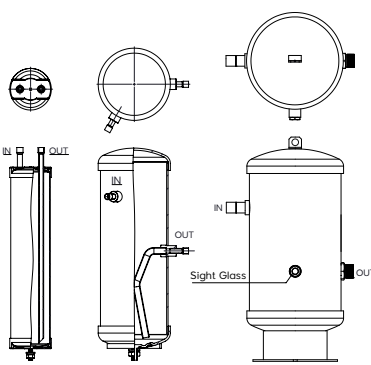
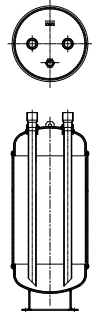
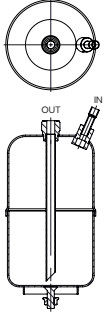
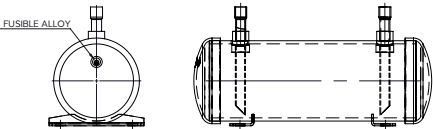
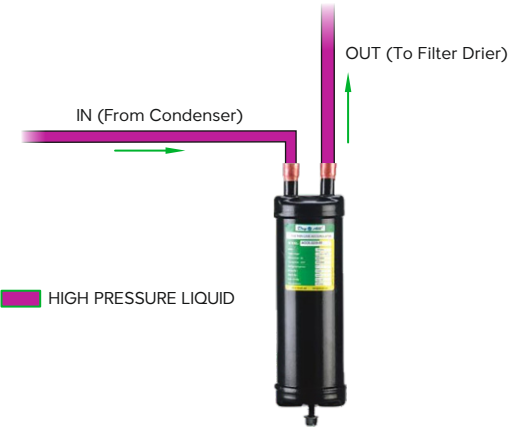

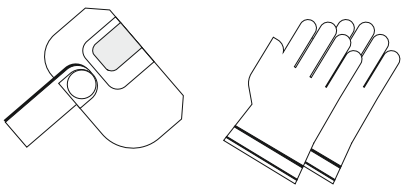
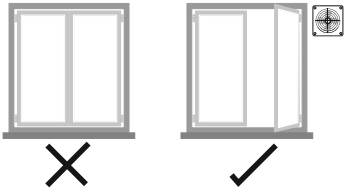
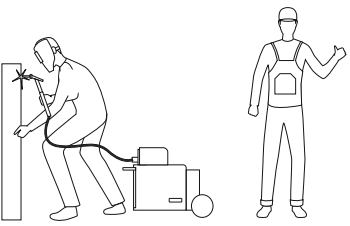


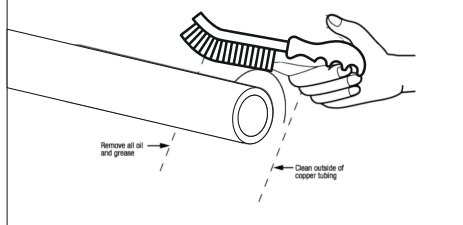
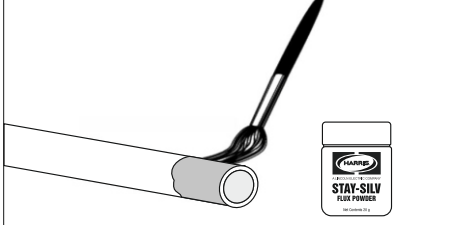
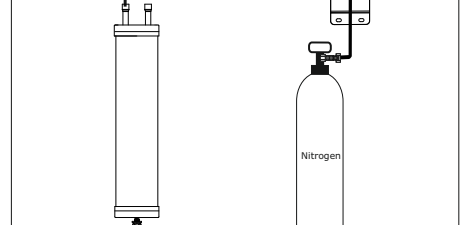
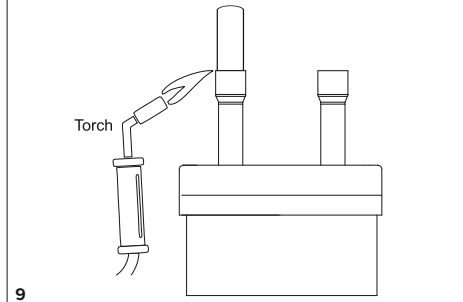
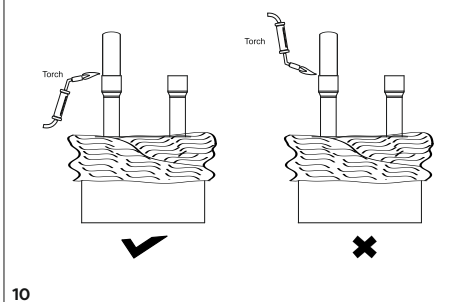
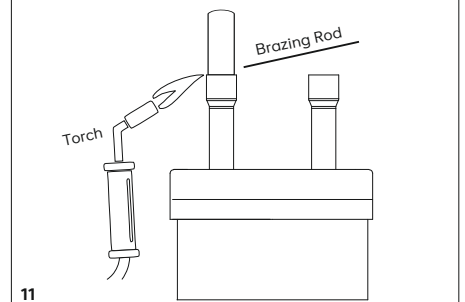
Liquid Receiver - Installation Guideline

Installation / Location / Positioning of Receiver in HVAC&R System			
 <p>LRRH SERIES</p>	 <p>LRRV SERIES</p>	 <p>LRRVBF SERIES</p>	 <p>LRRVD SERIES</p>
 <p>LRRHBF SERIES</p>			
Product Installed In Ref. Cycle		Product Installation Guideline:-	
 <p>1</p> <p>Dry All® Refrigerant Receiver</p>		<ul style="list-style-type: none"> To prevent moisture from entering the receiver while in transit and storage, the same is charge with positive nitrogen pressure. Hence open Cap/rubber plug when needs to install. Install receiver in Liquid line. Make sure that the same is installed as close to the condenser outlet as possible. Choose Receiver model according to the capacity rating as given in the catalogue only. Ensure that incoming liquid line tubing is connected to the connection marked "IN" for LRRH, LRRV & LRRVD series. For Vertical receivers, rotate the receiver on its mounting as required for required connection orientation. The location of the receiver should be such that it will not heat the refrigerant inside it. (e.g. direct sunlight coming on the receiver may cause heating). 	

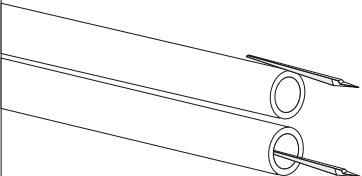
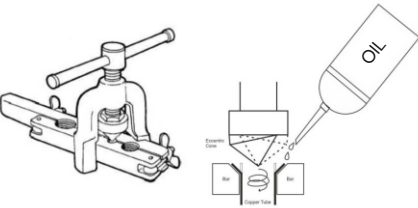
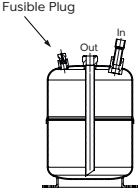
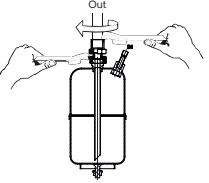


Dos & Don'ts

<p>Installation should be done in normal, clean and safe atmospheric conditions. Please don't do any work in hazardous and unsafe conditions.</p>	<p>Use face shield or green goggles as protection for eyes. Use heat resistance gloves. Use protective coveralls made of breathable materials.</p>
<p>2</p> 	<p>3</p> 
<p>When working make sure that the area has enough ventilation or working exhaust</p>	<p>Wear impervious coverall clothing with breathable fabrics.</p>
<p>4</p> 	<p>5</p> 

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 CO2)
 <p>6</p>	 <p>7</p>	 <p>8</p>
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.
 <p>9</p>	 <p>10</p>	 <p>11</p>

Threaded Joint Technique (SAE/O Ring/MIO/ORFS)

Ream to remove all burrs and clean all residue from the tubing		A drop of refrigeration oil on the flaring tool will help to get a smooth flare		To prevent twisting of the refrigerant line, use backup wrench on flat supplied on Rotolock connection of receiver. Fusible Plug: Avoid using wrench on it		
						
1		2		3		
Tightening Torque for Sight Glass				Tightening Torque of Rotolock Joints (ORFS)		
Nominal Thread size		Tightening torque N.m (kgf.cm)		Nominal diameter	Thread Size	Tightening torque N.m (kgf.cm)
3/8"-24UNF-2A		33-42 (330-420)		11/16"-16 (3R)	11/16" UN-16TPI	24-27 (240-270)
G1/2"-BSP		30 (305)		13/16"-16 (4R)	13/16" UN-16 TPI	43-47 (430-470)
M18X1P		20 (204)		1"-14 (5R)	1" UNS-14TPI	70-80 (700-800)
M24X1P		50 (510)		3/4"-16 (6R)	3/4" UNF-16TPI	40-50(400-500)
Tightening Torque of Fusible Plug joint (NPT)				1-1/4"-12 (7R)		
Nominal Thread size		Tightening torque N.m (kgf.cm)		1-3/4"-12 (12R)		
1/4" NPT		12 to 24 (122 to 244)		2"-1/4-12(17R)		
3/8" NPT		24 to 40 (244 to 407)		Tightening Torque of Mounting bolt of Receiver		
1/2" NPT		46 to 68 (469 to 693)		Nominal Thread size		
				Tightening torque N.m (kgf.cm)		
				M8x1.25		
				M10x1.5		
				20 (204)		
				51 (520)		
				Scan QR Code for Catalogue		
						
				Fusible Plug		
						
				Rotolock & Snub Adaptors		
				For more details, please visit our website www.dryall.net		