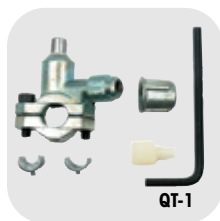


LINE PIERCING VALVES AND TOOLS

Quick-Tap

Features a valve core in the 1/4" male port. Simply pierce the line and back seat the needle. Flow starts when depressor type charging hose is connected. Flow shuts off automatically when hose is removed. If valve core is not desired, it may be removed. Connect hose, pierce line and back seat needle. This method offers full unrestricted flow. Valve core can be removed or changed at any time without loss of refrigerant if needle is front seated.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
QT-1	Quick-Tap – 1/4", 5/16", 3/8" O.D. Tube Size	EA	1
QT-2	Quick-Tap – 1/2", 5/8" O.D. Tube Size	EA	1

MAC—The Ultimate in Line Piercing Valves

Install valve. Connect charging hose. Service. That's all there is to it! MAC features uniport: 1 connection for piercing and servicing. Sealed with refrigerant resistant "O" rings. Needle automatically back seats after servicing, leaving line free of restriction. Connect to tubing with 2 socket-head screws. (Hex wrench is included with each valve.) Needle depressor is inserted into head of needle. Wing cap is turned down easily by hand until line is pierced. Wing cap is removed and system may be serviced with any charging hose with built-in depressor. When hose is removed, spring loaded needle back-seats forming a leak proof seal. Needle depressor is discarded and wing cap forms extra precautionary seal.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
QTM-1	MAC Line Piercing Valve – 1/4", 5/16", 3/8" O.D. Tube Size	EA	36
QTM-2	MAC Line Piercing Valve – 1/2", 5/8" O.D. Tube Size	EA	36

Copper Saddle Valve

For copper-to-copper brazing. Penetrates line in one easy operation with no holes to drill. Steel pin with valve core pierces line and is locked into valve body by tightening cap. Teflon ring assures positive seal. Available in sizes from 1/4" to 1-1/8".



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
VLC-4	Copper Saddle Valve – 1/4" O.D. Tube Size, pack of 6	PK	1
VLC-5	Copper Saddle Valve – 5/16" O.D. Tube Size, pack of 6	PK	1
VLC-6	Copper Saddle Valve – 3/8" O.D. Tube Size, pack of 6	PK	1
VLC-8	Copper Saddle Valve – 1/2" O.D. Tube Size, pack of 4	PK	1
VLC-10	Copper Saddle Valve – 5/8" O.D. Tube Size, pack of 3	PK	1
VLC-12	Copper Saddle Valve – 3/4" O.D. Tube Size, pack of 2	PK	1
VLC-18	Copper Saddle Valve – 1-1/8" O.D. Tube Size, pack of 2	PK	1
VLC-25	Additional Teflon Rings, pack of 25	PK	1

Quick-Tap-2

Identical to Quick-Tap except that a nylon handle replaces the hex wrench. Phillips-head screws are used.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
QTH-1	Quick-Tap-2 – 1/4", 5/16", 3/8" O.D. Tube Size	EA	1
QTH-2	Quick-Tap-2 – 1/2", 5/8" O.D. Tube Size	EA	1

Insta-Tap Refrigerant Recovery Tool

The fastest, easiest way to evacuate refrigerant before disposal of a unit. Snaps onto refrigerant line for full and immediate flow. Punctures super large hole for maximum full flow discharge to recovery unit. One tool fits all sizes from 3/16" to 7/8" O.D. hard tubing. Replaceable needle.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
QT-100	Quick-Tap-2 – 1/4", 5/16", 3/8" O.D. Tube Size	EA	1
QT-100N	Replaceable Hardened Steel Needle and Gasket	EA	1
QT-100G	Replacement Gasket Only	EA	3

Core Storer

All steel valve core remover and storage container. Completely knurled for easier grip, eliminating slippage when using with oily or greasy hands. Core Storer features a compartment for storing extra valve cores. Four replacement cores are included with each tool.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
VCR-1	Core Remover and Storer	EA	1

Core Removal Tool

Designed to remove and replace valve cores without losing the refrigerant charge. Connects to any 1/4" male flare fitting. Saves time, saves refrigerant.



CATALOG NO.	DESCRIPTION	UOM	ORDER MULTIPLE
VCR-1	Core Removal Tool	EA	1