



# Hi-Flow Core Removal Y Tool

## Dual Valve with Sight Glass



The Ultimate Hi-Flow Core Removal Y Tool with Sight Glass and Dual Valve is a professional-grade, vacuum and pressure-rated valve-core removal accessory engineered for HVAC/R service, recovery, evacuation and charging tasks. It offers dual-valve functionality, high speed Y flow path for increased flow and a sight glass to witness core removal and installation as well as the safe control of refrigerant during system recovery and charging. Designed to speed up refrigerant recovery, evacuation and charging while reducing tool count and improve workflow efficiency on a wide range of systems.

### Key Features & Benefits:

**Dual-Valve with Side Port Isolation** – Built-in ball valve isolates gauges or hoses for safer, more flexible servicing.

**Y-Configuration** – Creates linear flow for faster evacuation, recovery, and charging.

**Sight Glass** – Monitor core removal and refrigerant flow during service.

**Full-Flow Core Removal** – Eliminates restrictive valve core for maximum flow.

**Deep Vacuum Rated** – Leak-free performance under vacuum conditions. (20 microns)

**Swappable Fittings** – 1/4" standard and 5/16" for mini-splits for broad compatibility.

**Core-retention removal mechanism** – Securely grips and extracts cores safely.

**Refrigerant-Ready** – Compatible with A1, HFC/HFO, low-GWP A2L/A3 refrigerants.

**Two Active Lines** - Speed up system evacuation and refrigerant reclaim

**Optimised Flow Paths** - Large bore internal passages engineered for higher linear flow.

Description		Part No.
Ultimate Hi-Flow Core Removal Tool Y Tool Dual Valve		JAV-1601
Specification		
Service Port	1/4" female flare (5/16" female flare fitting for mini-split fitting applications)	
Side Port/Core Removal Port	Both ports: 1/4" male flare with ball valve isolation	
Vacuum Rating	20 microns. Ideal for system evacuation	
Maximum Safe Working Pressure	800 psi (approx. 55bar) matching higher pressure refrigerant system requirements (R410a)	
Material & Seals	Select materials compatible with common refrigerants (e.g. HFC, HFO, A2L, A3) - HNBR O-rings / sealing elements (Super Seals) as well as proprietary PTFE long life ball valve seals.	
Handling/User Interface	Large rod/spinner for core removal; secure core retention; easy swap fitting design for 1/4" & 5/16"	
In the box	Tool with additional 1/4" & 5/16" adaptor and standard 1/4" & 5/16" tethered fitting	
Compatibility	Refrigerants including HFC, HFO, A2L & A3, recovery and evacuation	