



JAV-1603

JAV-1602

JAV-1604

Hi-Flow Y Fitting Series



The Ultimate Hi-Flow Y Fitting Series are high performance vacuum rated Y adaptors built for HVAC/R evacuation, recovery and charging operations. Each one is designed to provide unrestricted high flow paths and flexible hose connections. Each of the three size combinations available enable engineers to connect multiple hoses to a single point - ideal for complex systems, multi port manifolds or multi hose recovery set ups.

Specification

| | |
|-------------------------------|---|
| Body Material | Aircraft grade aluminium - for strength, light weight and corrosion resistance, with solid brass connectors and flare faces |
| Connection Types | Two 3/8" male flare branches. Female flare swivel - branch size varies by model (3/8", 1/4" or 1/2") |
| Internal Bore/ Flow Path | Large internal diameter branches engineered for high linear flow |
| Vacuum Rating | 20 microns suitable for deep system evacuation. |
| Maximum Safe Working Pressure | 800 psi (approx. 55bar) matching higher pressure refrigerant system requirements (R410a) |
| Material & Seals | High-quality solid brass flare sealing elements suitable for refrigerants (HFC, HFO, A2L, A3) and HNBR Super Seals. |
| Finish/Coating | Durable anodized finish to resist oxidation/ corrosion - Ideal for field use in varied environments |

| Description | Part No. |
|-----------------------------------|--------------------|
| Ultimate Hi-Flow Y Fitting Series | JAV-1602/1603/1604 |

| Part Number | Connection Size | Usage |
|-------------|--------------------|---|
| JAV-1602 | 3/8" x 3/8" x 3/8" | Hi-flow Y for systems where all connections are 3/8" |
| JAV-1603 | 3/8" x 3/8" x 1/4" | For set ups calling for 1/4" connection on vacuum pumps or reclaim units |
| JAV-1604 | 3/8" x 3/8" x 1/2" | For setups calling for a 1/2" connection for larger vacuum pump connections |

Key Features & Benefits

- Unrestricted Flow** – High linear flow design for maximum throughput, significantly speeding up evacuation and recovery.
- Deep Vacuum Rated (20 microns)** – Leak-free performance, crucial for reliable evacuation.
- High-Pressure Compatible** – Engineered for use with high pressure refrigerants (R410a).
- Multi-Hose Connection** – Safe multi hose connection simplifying hose management.
- Durable Build** – Aluminium body, brass flare faces, and HNBR seals for long-term reliability.
- Compact Design** – Y-shaped form fits easily into tight spaces.