

EVACUATION with NAVAC Tools

▼ Any NAVAC Vacuum Pump



▼ NMV1 Micron Vacuum Gauge



▼ Big Boy Ø1/2" Evacuation Hose(s)



▼ NVR1 Valve Core Removal Tool(s)



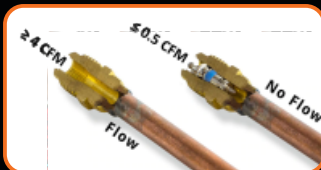
FOR A FASTER EVACUATION, WE MUST CHANGE THE NARRATIVE



Should I pull the Schrader Cores?

Yes! For a faster evacuation,

- Use a **Schrader Core Removal Tool/s**.
- Pressure rated for R410A systems.
- Vacuum rated to 20 microns.



What size hoses?

When talking about evacuation hoses:

- **Bigger** is always **Faster** (only if Schrader Cores are removed).
- Must be **Vacuum Rated**.
- Constructed for **Low Permeation**.

Size vs. Flow (CFM per hose):

- 1/4" = ≤1 CFM
- 3/8" = 2-3 CFM
- 1/2" = 4-6 CFM
- 5/8" = 8-10 CFM
- 3/4" = 12-16 CFM



What size pumps?

When talking about **Vacuum Pumps**, **Bigger** is not always **Faster**. **Vacuum Pump** performance will be limited by the following:

- Not removing **Schrader Cores**.
- The size of vacuum hose used.

Ultimate Micron Rating = Pump Efficiency

2 Stage Vacuum Pumps must be used for HVAC/R system evacuation.

- Single stage pumps are incapable of achieving deep vacuum.