

Steel Hook-Ups



Air Handling Unit Solutions
Typical Steel Hook-Ups

*Engineering
GREAT Solutions*

Typical Steel Hook-Ups Applications

When it comes to standard and custom coil/piping hook-up packages for Fan Coil Units, Reheat Coils, Heat pumps, etc., IMI Flow Design not only pioneered the concept, but remains the leading provider of hook-up packages in the industry.

However, some assume that customization and innovation ends at 2 inches.

Not true.

Not only do we offer standard and customized hook-up packages for ½” – 2”, but also for our larger steel components.

Air Handling Units are one of the most common areas where a larger hook-up solution is needed. Instead of having to build a hook-up for an Air Handling Unit, piece by piece, which increases labor, and in-turn increases cost, you can look to IMI Flow Design Hook-Up Packages to save time and money.

At IMI Flow Design, we offer standard hook-ups for Air Handling Units in 2” and above. We will also help you design customized project-specific hook-up solutions where our standard packages do not quite meet specification requirements.

With IMI Flow Design’s industry recognized service and support you can be assured of a quality product delivered on time.

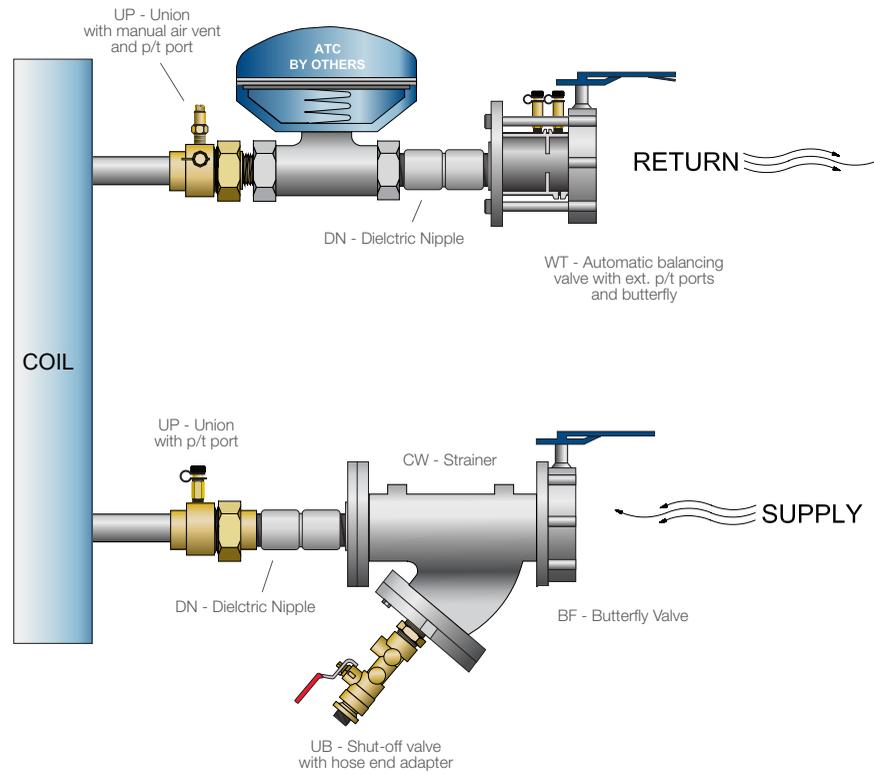
Here you will see four standard hook-ups we have seen to be the most common when it comes to Air Handling Units. In addition to these, IMI Flow Design can help design with the rep and end user, a customized project-specific hook-up package.

Please feel free to contact us for specific contract needs – 1-800-ASK-FLOW, or visit us at www.flowdesign.com.

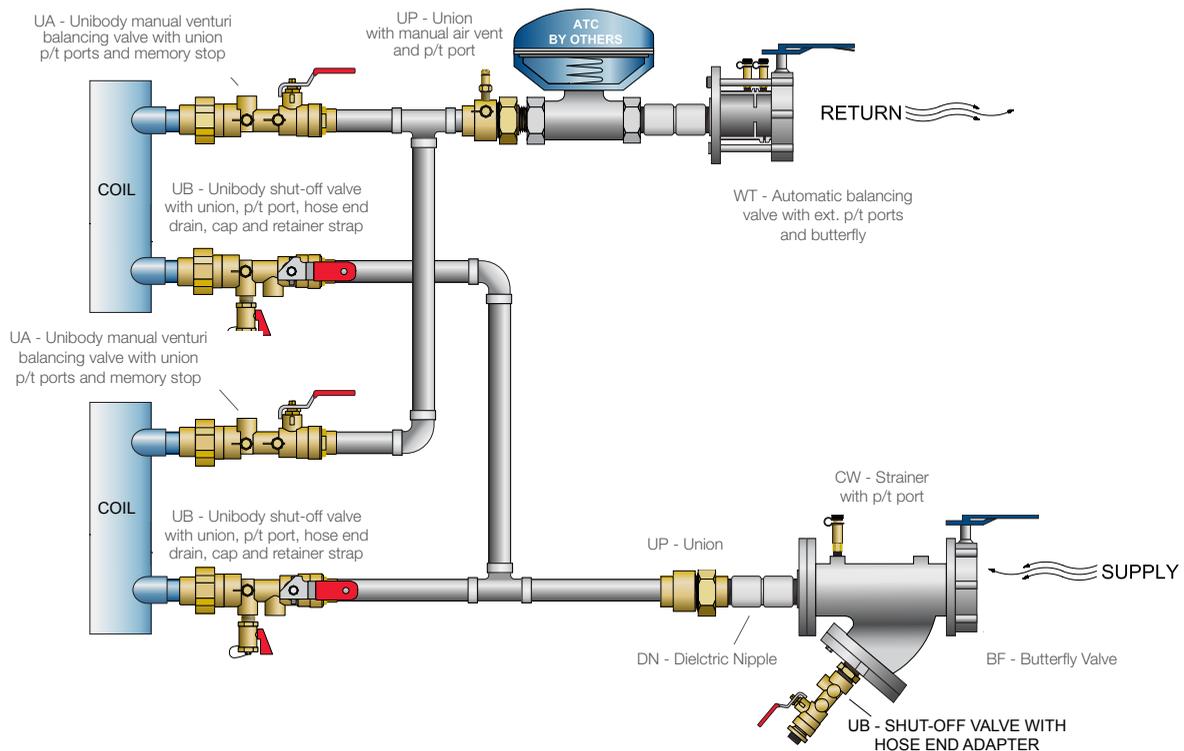


Typical Steel Hook-Ups Applications

Two-Way Automatic Balancing Single Coil Steel and Brass Hook-up Package

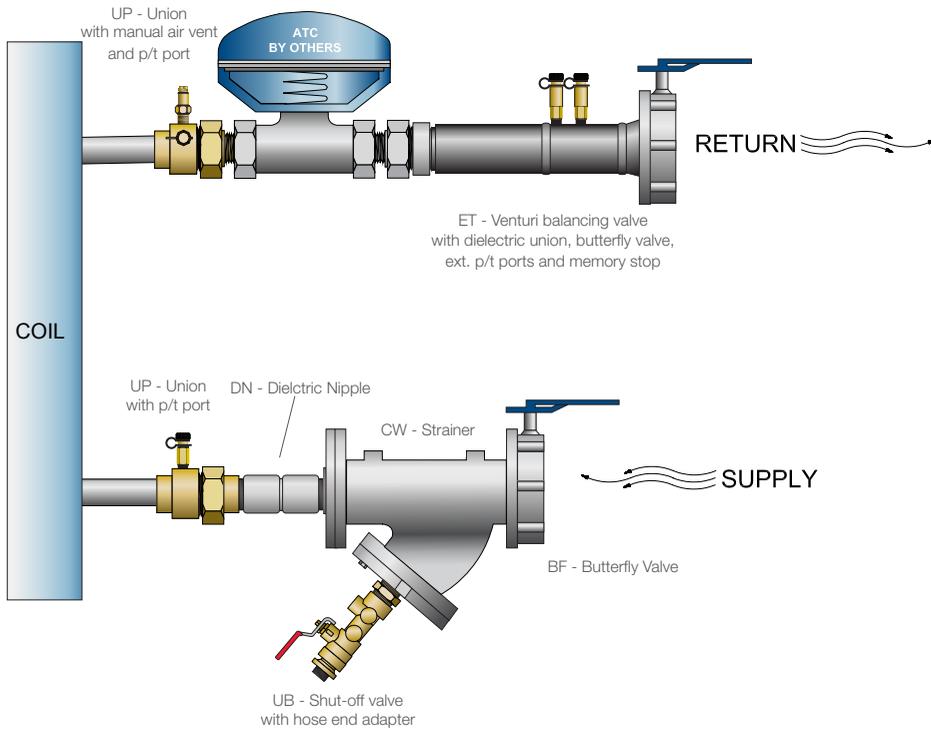


Two-Way Automatic Balancing Dual Coil Steel and Brass Hook-up Package

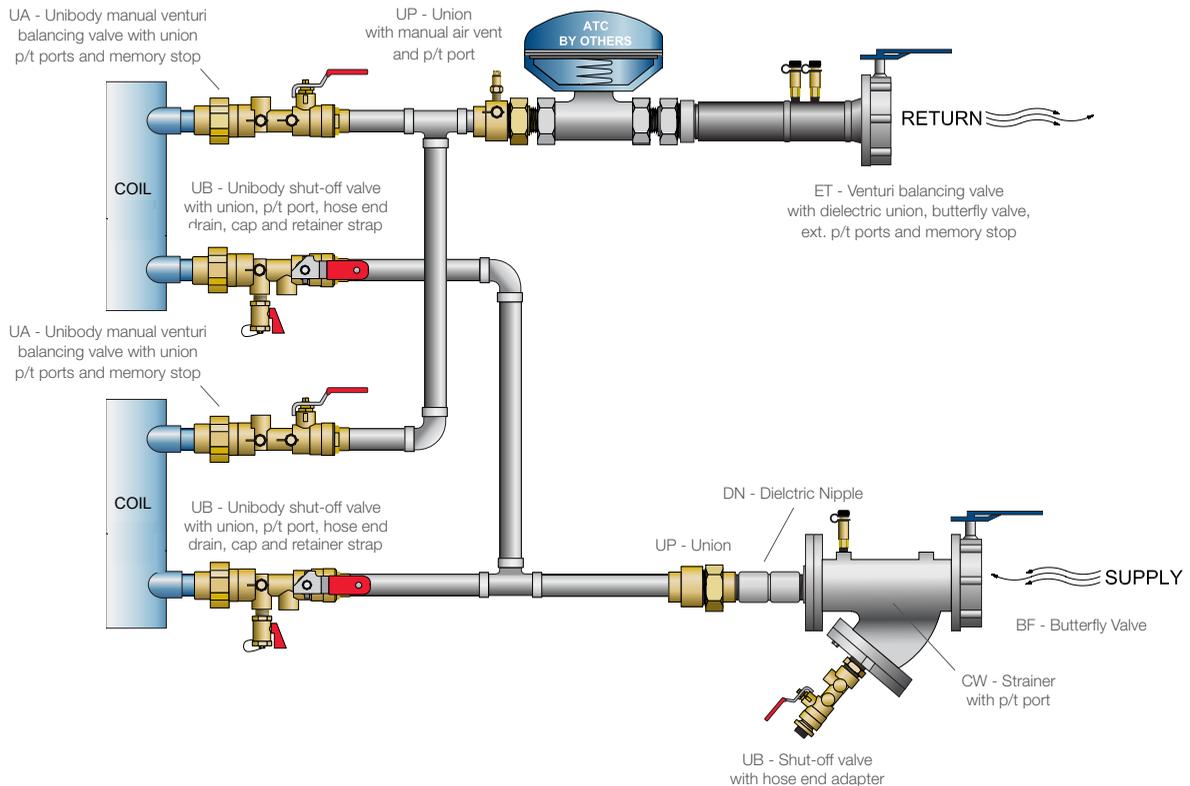


Typical Steel Hook-Ups Applications

Two-Way Manual Balancing Single Coil Steel and Brass Hook-up Package



Two-Way Manual Balancing Dual Coil Steel and Brass Hook-up Package



Hook-Up Valves

Manual Valves

Model ET (2 1/2" - 4")

AccuSetter with inlet MPR to attach to threaded brass valves.

- Integral dielectric union
- Built-in five-diameter inlet section
- 150# R.F. flange and lug butterfly valve attached to downstream side
- Pressure ports with infinite-position handles standard and memory stop



Model ER/EF (ER 2 1/2" - 6"; EF 2" - 6")

AccuSetter models flange directly to flanged ATC valves.

- Inlet flange can have a one- or two-size reduction
- Built-in five-diameter inlet section
- Model GF adapter flange and lug butterfly valve attach to downstream side
- Pressure access ports and an infinite-position handle with memory stop standard
- Models contain a five-pipe diameter inlet extension



Model AG (2" - 14")

Grooved AccuSetter

- 150# grooved flange adapter, supplied loose, for attachment to butterfly valve and grooved pipe
- Pressure access ports standard
- Infinite-position handle with memory stop through 6" with a gear operator 8" and up standard
- Field installation requires one standard grooved coupling for the upstream attachment



Automatic Valves

Model WT (2 1/2" - 4")

Grooved AutoFlow regulator designed to mate with threaded brass ATC

- Shipped assembled
- Dual pressure ports
- Directional flow
- Dielectric nipple



Model WG (2 1/2" - 14")

Grooved AutoFlow regulator

- Directional flow
- Steel/Iorn
- Dual pressure ports



Model WR (3" - 6")

Grooved AutoFlow regulator designed to mate with reduced flanged ATC valve

- Shipped assembled
- Dual pressure ports
- Directional flow



Components & Accessories

Manufactured and Leak-Proof Tested by IMI Flow Design

Model PT/XL (2" - 8")

Superseal pressure/temperature test port

- 1/4" Brass body/dual durometer EPDM Nordel valve with retained safety cap
- Standard and extra-long size available
- Rated 500 PSIG @ 275°F



Model HN

Hose end drain valve

- Cast brass with cap & plastic retainer strap, 3/4" hose outlet
- Ball valve shut-off



Model CW (2" - 8")

Cast-iron wye-strainer with 125#/150# compatible flange connections

- Use Model UB for optional blowdown valve
- Stainless steel perforated screen



Model BF (2" - 8")

Cast-iron lug-type butterfly valve

- Infinite-position handle with memory stop



Model DN (1/2" - 2 1/2")

Dielectric nipple

- 300#, 225°F rated steel dielectric nipple
- Available MPT X MPT



Model AV/AA

Manual air valve

- Non-removable coin-type top Automatic air vent
- 1/4" process connection, forged brass body and plastic float rated to release air
- Vent with top shut-off screw and plastic paddle in the water stream to break air bubbles
- Rated 500 PSIG @ 250°F



Notes:
