

# Automated Kit for Fan Coil Hook-Ups

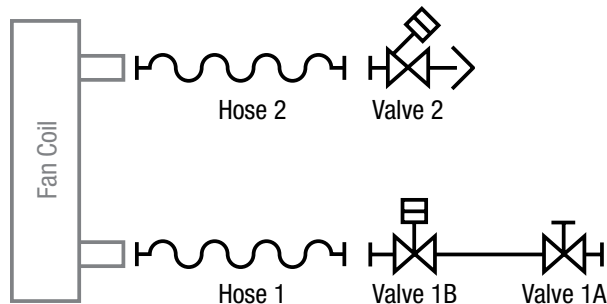
**cimFC3.1**

Job: \_\_\_\_\_ Representative: \_\_\_\_\_

Tag No.: \_\_\_\_\_ Order No.: \_\_\_\_\_

Engineer: \_\_\_\_\_ Submitted By: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



The **CimFC3.1 Automated Kit** includes a user defined array of manual or automated isolation valve, manual or automated balancing valve and two flexible hoses. Options are listed below.

- |                               |  |
|-------------------------------|--|
| <b>Size:</b>                  | <b>Kit Assembly Connection:</b>                                |
| <input type="checkbox"/> 1/2" | <input type="checkbox"/> Female Swivel w/ MNPT Adaptor x FNPT  |
| <input type="checkbox"/> 3/4" | <input type="checkbox"/> Female Swivel w/ MNPT Adaptor x SWT   |
| <input type="checkbox"/> 1"   | <input type="checkbox"/> Female Swivel w/ MNPT Adaptor x Press |

**Assembly Consists of:**

**Valve 1A:**

- Ball Valve (11)
- Ball Valve w/ Dual Side Drain Taps (200MC)
- Ball Valve w/ Integral Strainer & Drain Valve (630)
- Ball Valve w/ Test Port, Integral Strainer & Drain Valve (630B)
- Modulating Zone Valve (690)

**Valve 1B:**

- Modulating Zone Valve (690)
- No Valve

**Valve 2:**

- Balancing Valve w/ Variable Orifice (787)
- Balancing Valve w/ Fixed Orifice (747)
- Actuated Balancing Valve (Normally Open) (788NO)
- Actuated Balancing Valve (Normally Closed) (788NC)
- Actuated Balancing Valve (Modulating) (788PRO)

**Hose 1:**

- 12" Length
- 24" Length

**Assembly 1 Total Length:**

\_\_\_\_\_

**Hose 2:**

- 12" Length
- 24" Length

**Assembly 2 Total Length:**

\_\_\_\_\_

**Pressure / Temperature**

Working Temperature: 180° F at 205 PSIG

Maximum Pressure: 350 PSI at 115° F

Maximum Temperature: 195° F at 180 PSI

# Flexible Hoses for Fan Coil Hook-Up Kits

Female Swivel Nut with MIPT Adapter x MIPT



## Applications:

All Cimberio Fan Coil Kits include two braided stainless steel flexible hoses for connection of the isolation and/or balancing valves to the fan coil unit.

## Features:

- Flexibility to handle misalignment or vibrations
- Durable construction
- Available in 1/2", 3/4", and 1" sizes
- Available in 12" and 24" lengths

## Materials:

Internal Hose: EPDM

External Braiding: 304L Stainless Steel

Crimping Ferrules: 304L Stainless Steel

Couplings: Brass

Size	I.D. No.
1/2" x 12" Length	HPHB-050-12
3/4" x 12" Length	HPHB-075-12
1" x 12" Length	HPHB-100-12
1/2" x 24" Length	HPHB-050-24
3/4" x 24" Length	HPHB-075-24
1" x 24" Length	HPHB-100-24

Working Temperature: 230° F continuous service

Pressure at 230° F:

Size	1/2"	3/4"	1"
Working	377 PSI	319 PSI	275.5 PSI
Testing	928 PSI	783 PSI	653 PSI
Burst	1523 PSI	1305 PSI	1015 PSI