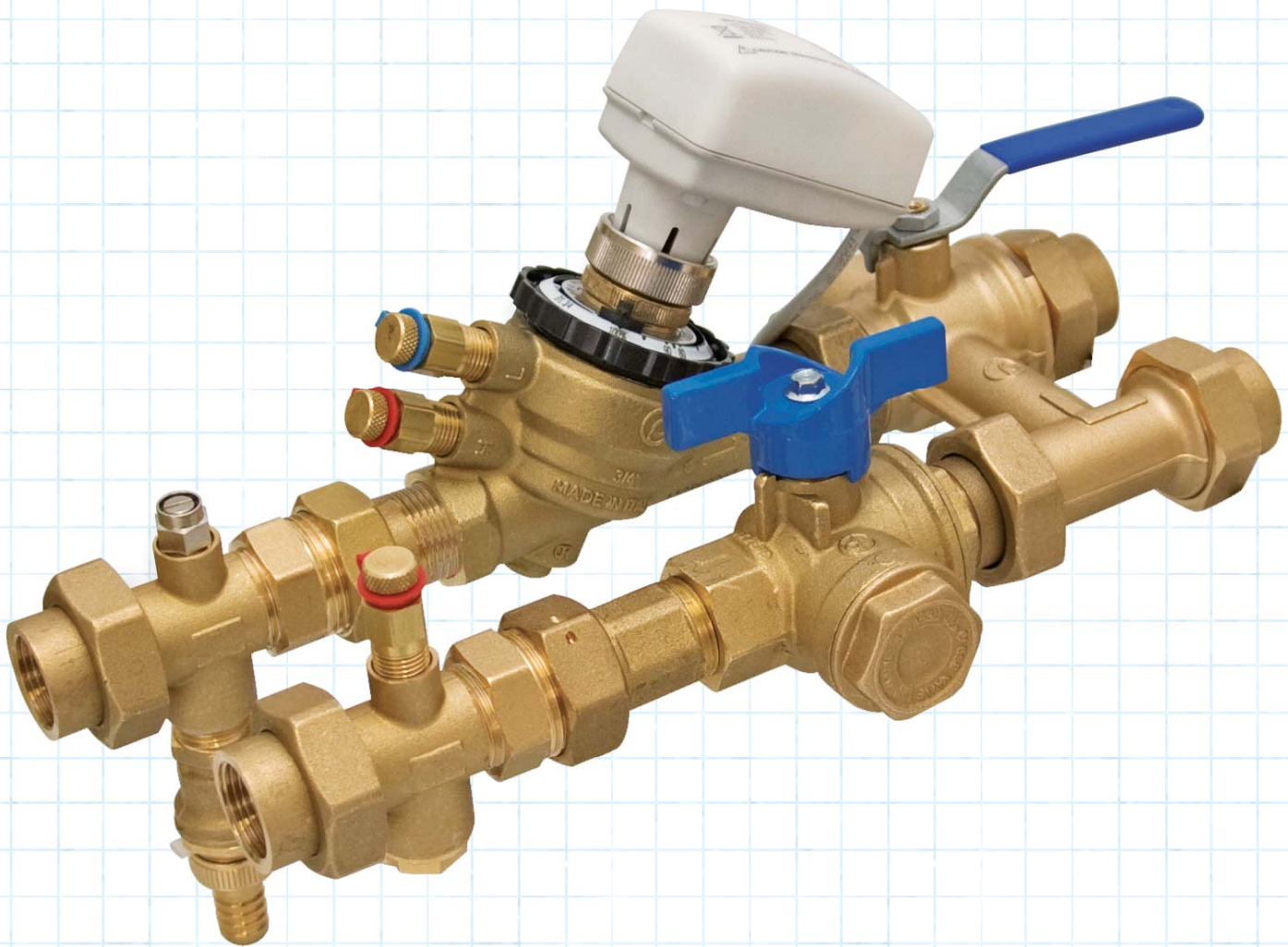
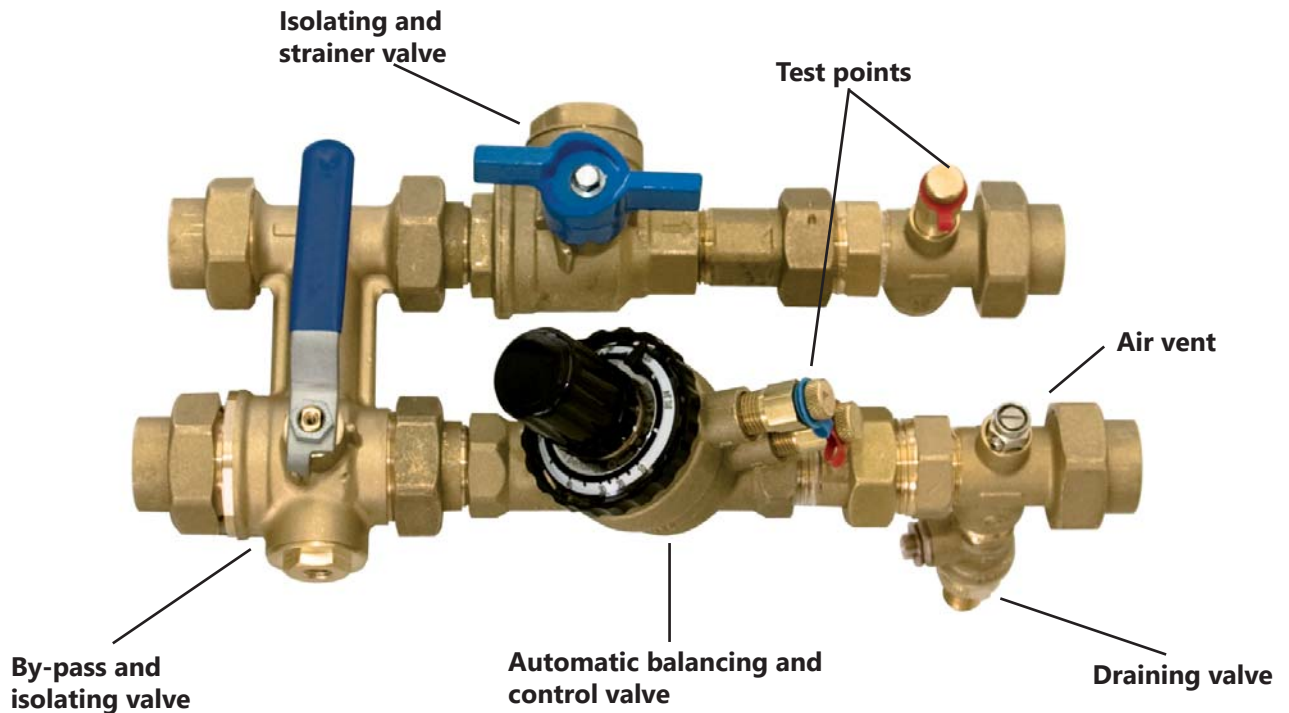


HCi Commissioning Solutions



HCi
Hydronic Components Inc.

Technical specifications



Connecting kit for terminal units (fan-coils, chilled beams and air handling units)

Reduced on-site labor time

Factory tested for minimum leakage risk

100% made in Italy with patented technology

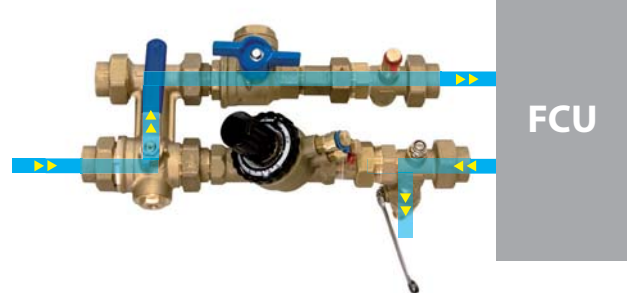
Flexible and bespoke configuration (automatic, manual balancing)

No flushing thru control valve (100% safe)

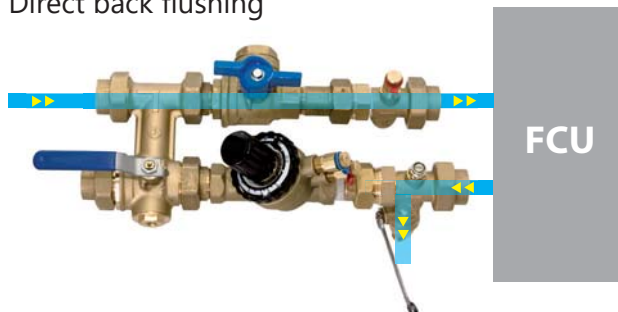
Flushing of main pipe line



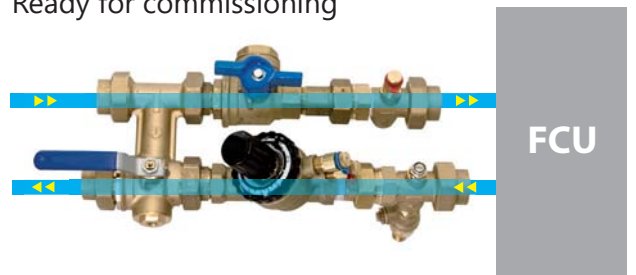
Reverse back flushing



Direct back flushing



Ready for commissioning



XT600

60/40 mm - 1/2"



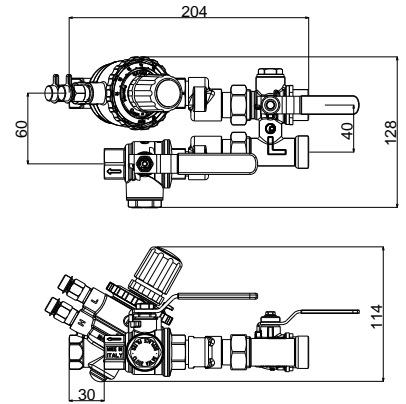
Flushing bypass with pressure independent control valve and Filterball shut off valve with integrated strainer.

60/40 mm pipe centers

Flow rate from .20 up to 3.43 GPM

1/2" F x 1/2" F

Filtering capacity 700 µm



XT601

60/40 mm - 1/2"



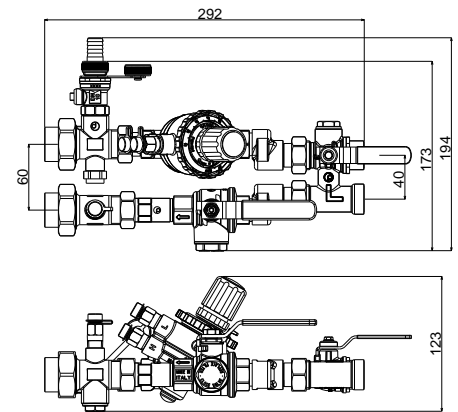
Flushing bypass with pressure independent control valve and Filterball shut off valve.
Coil connection set with blow down valve and option port.

60/40 mm pipe centers

Flow rate from .20 up to 3.43 GPM

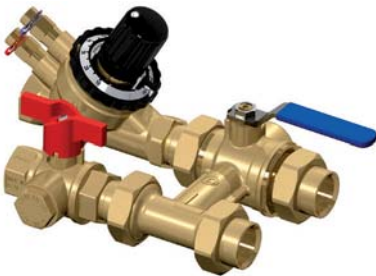
1/2" union end connections x 1/2" F

Filtering capacity 700 µm



XT800

80 mm - 3/4"



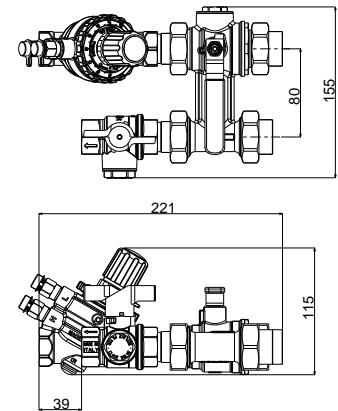
Flushing bypass with pressure independent control valve and Filterball shut off valve with integrated strainer.

80 mm pipe centers

Flow rate from .44 up to 6.60 GPM

3/4" F x 3/4" union end connections

Filtering capacity 700 µm



XT800

80 mm - 1"



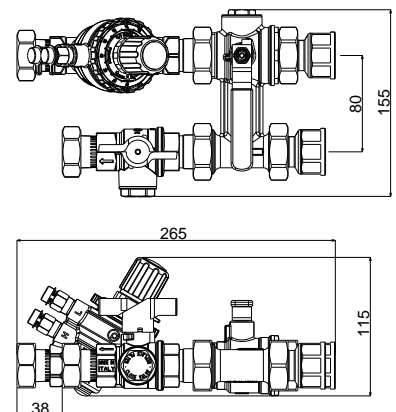
Flushing bypass with pressure independent control valve and Filterball shut off valve with integrated strainer.

80 mm pipe centers

Flow rate from .44 up to 6.60 GPM

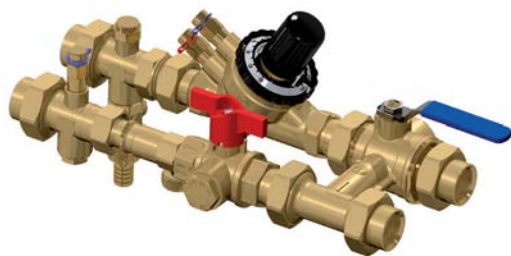
1" double union end connections

Filtering capacity 700 µm



XT801

80 mm - 3/4"



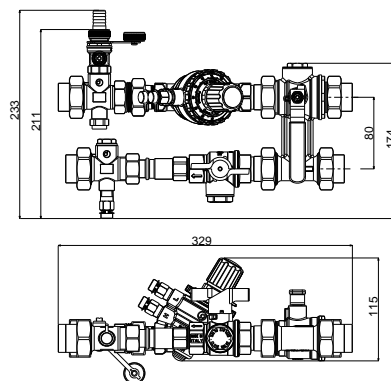
Flushing bypass with pressure independent control valve and Filterball shut off valve. Coil connection set with blow down valve and option port.

80 mm pipe centers

Flow rate from .44 up to 6.60 GPM

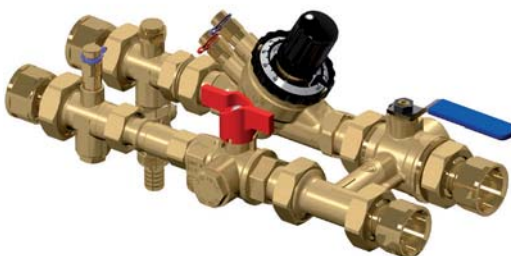
1" double union end connections

Filtering capacity 700 µm



XT801

80 mm - 1"



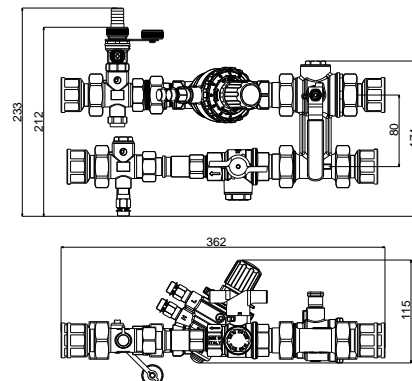
Flushing bypass with pressure independent control valve and Filterball shut off valve. Coil connection set with blow down valve and option port.

80 mm in pipe centers

Flow rate from .44 up to 6.60 GPM

1" double union end connections

Filtering capacity 700 µm



XT850

80 mm - 1"



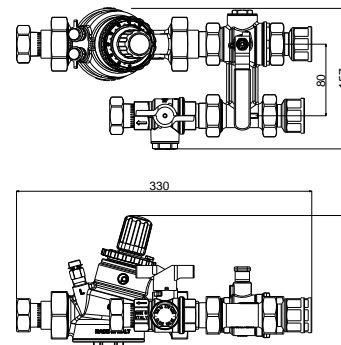
Flushing bypass with pressure independent control valve and Filterball shut off valve with integrated strainer.

80 mm in pipe centers

Flow rate from .44 up to 6.60 GPM

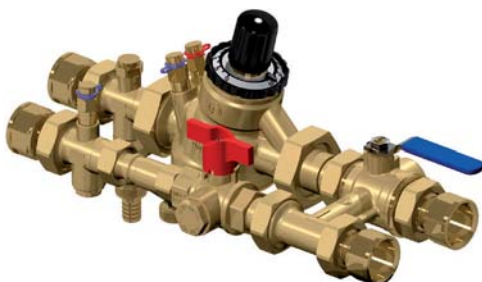
1" double union end connections

Filtering capacity 700 µm



XT851

80 mm - 1"



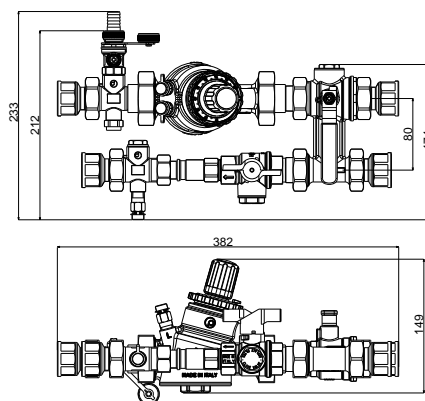
Flushing bypass with pressure independent control valve and Filterball shut off valve. Coil connection set with blow down valve and option port.

80 mm pipe centers

Flow rate from .97 up to 13.21 GPM

1" double union end connections

Filtering capacity 700 µmww



Commissioning kits for terminal units

HCI's versatile range of valve assemblies for fan coils, chilled beams and other hydronic terminal units offer significant benefits over standard products - for specifiers, installers, commissioning engineers and building operators/owners.

The valve assembly is a modular approach to meet the flushing, flow balancing, isolation, and temperature control requirements of individual terminal units.

HCI's pre-fabricated valve assemblies ensure that everything required for a successful connection is supplied in one package. Furthermore, off-site assembly and testing reduces site time and virtually eliminates costly failures. Units are available in manual, automatic, and pressure independent control valves, offering different levels of functionality to meet the needs and budgets of each project, whilst sharing the high quality that is synonymous with the HCI name.



Designers & Specifiers

Fewer components for each project.

Flexibility in the type of pipe specified.

Choice of valve location: closely coupled with terminal unit or mounted in pipework.

Installers

Everything required for a successful connection assembly to a terminal unit is supplied in one package.

Fewer components to be ordered for each project.

Each unit can be tagged and individually identified to each terminal unit.

The unit may be orientated horizontally or vertically on site.

Euro Cone connections allow various pipe types and diameters to be used for the runs connecting terminal units.

Commissioning & Maintenance

- The Filterball strainer is easily accessed without having to drain down the coil.
- All valves required for commissioning the terminal unit are in one location.
- Insulation boxes (when used) can be opened and re-sealed in seconds with no damage to pipe insulation.
- Automatic balancing valves reduce commissioning time to flushing and verification.
- Pressure independent valves offer full authority temperature control and maximum flow rate limiting.

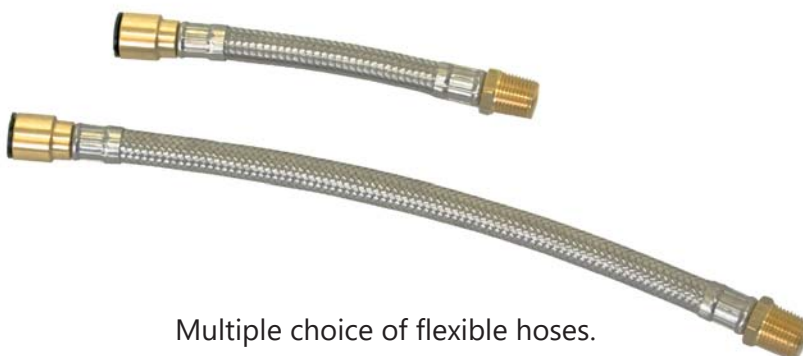
Accessories



Flow rate and differential pressure instrument.
Wireless data connection - easy to download.



Customized insulating case.



Multiple choice of flexible hoses.

HCI reserves the right to change the described products and the relative technical data at any time and without prior notice. HCI makes every attempt to ensure all information within this document is accurate. However, the company does not accept any liability for incorrect information published within this document. Please contact us at csr@hciterminator.com for questions or more information.



7243 Miller Drive, Warren, MI 48092
www.hciterminator.com
phone: (586) 268-1640
fax: (586) 979-8318