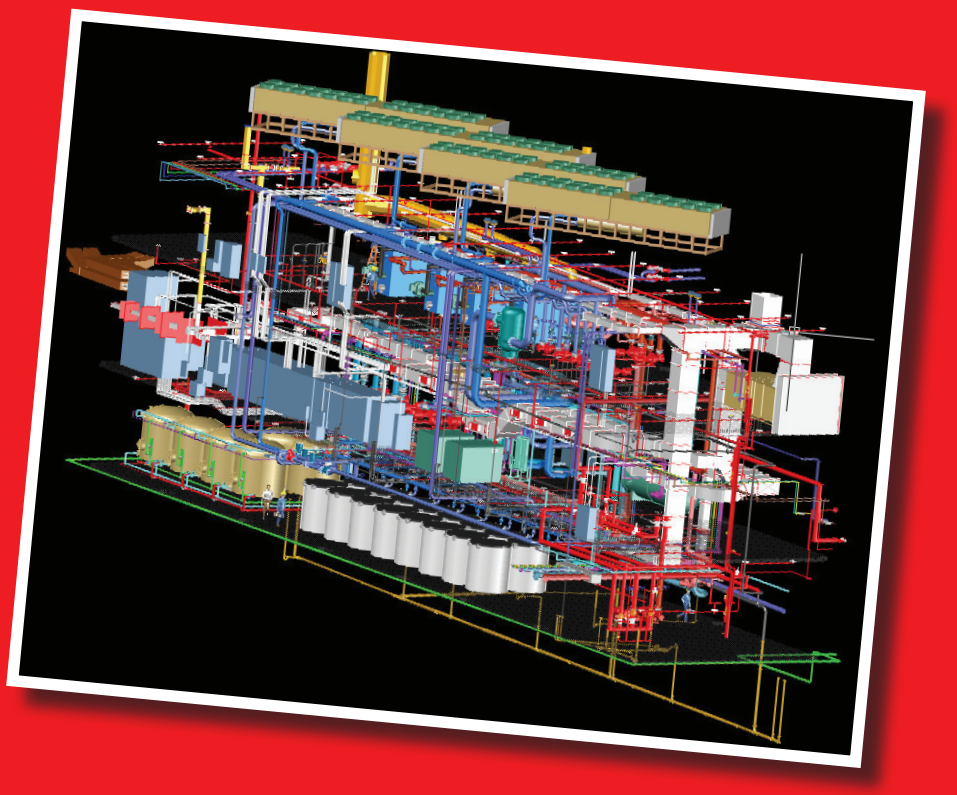
www.herzvalves.com

HERZ BIM Models

The HERZ product range now available from BIMStore



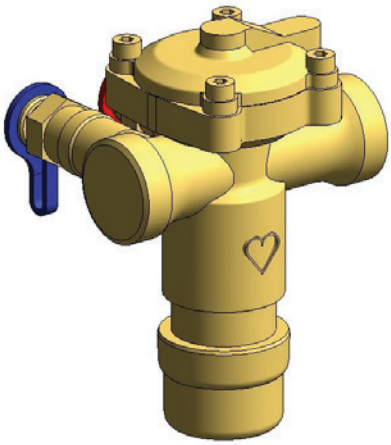
bimstore.co.uk®

Building Information Modelling (BIM) is a process involving the creation, generation, design, revision, construction and management of digital representations of physical and functional characteristics of places, buildings and general infrastructure throughout the planned lifespan of a project.

The Model itself is created within a CAD design program that various interested parties are able to access.

Building Information Models (BIMs) are files containing data which can be incorporated into the model and as such can be viewed, exchanged, network or revised in one place. A BIM object is a combination of many things:

- Information content that defines a product
- Product properties, such as thermal performance
- Geometry representing the product's physical characteristics
- Visualisation data giving the object a recognisable appearance
- Functional data, such as detection zones, that enables the object to be positioned and behave in the same manner as the product itself.



PICV 4006

As only the one Model exists, all interested parties (Owner, Architect, Landscape Architects, Surveyors, Civil & Structural Engineers, Building Service Engineers, Main Contractor, Structural Contractor(s), M & E Contractor(s), Equipment Manufacturers, Service Suppliers and FM Companies can view the Model and all of them will see the same information, at the same time, but being able to concentrate on the section of the model that is specifically relevant to them. This is crucial, especially if there are any changes made to the Model that could affect how various components relate to each other.

Notification of any changes to the various parts (or BIMs) means that all interested parties would be advised in "Real Time" rather than having to wait for a new set of drawings to be made on a conventional CAD system and then issued to the concerned parties.

CTC 4011

BIM enables a virtual information model to be created by the initial design team which is then accessed by the main contractor and subcontractor and upon project completion handed over to the owner/operator from where it can be accessed by the FM Company now responsible for its operation. Each section of the design team will have added a layer of discipline specific data to the single shared model. This reduces information loss and time delays and provides extensive information to owner/operators of complex structures.

Ball Valve 2190

BIM is used across the building construction, oil and gas, transport, water, power and industry sectors.

FODRV 4218

THE HERZ BIM PATH

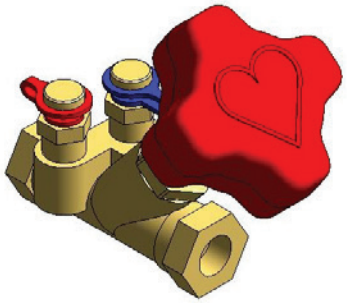
HERZ have collaborated with BIMStore, a UK based company, who are recognised as one of the prominent authorities within the BIM industry for both model design and model hosting with a background in BIM that exceeds 16 years in the field.

The target was to produce a model range that was not only in an industry recognised format but also in a format to allow integration with as many as possible of the CAD programs that are available and used within the UK & worldwide

The decision was made to produce HERZ BIMs in the Revit format used by AutoCAD/AutoDesk

As they are in Revit format (rfa) they are also useable within Bentley, Magicad, Lumion, Artlantis, IES, Mitek & Aconex (for example) using each companies specifically designed Revit "plugin"

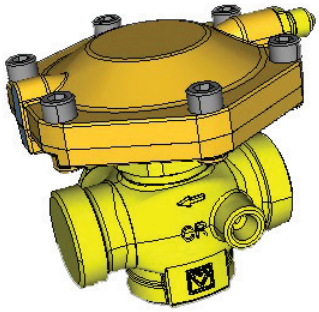
In order to ensure compatibility and integration with other cad programs the HERZ BIMS are also produced in IFC, the industry's free & open translation program.



FODRV 4017

All models come with attached COBIE data to allow progression to the higher levels of BIM as they become more widespread and utilised.

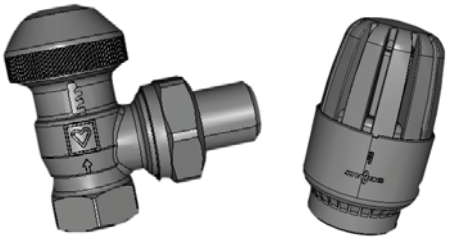
Individual parametric models (or families of models) are downloadable direct from BIMStore with the advantage that should any of the model information/parameters change, an automatic notification of a change is emailed to the registered user so they can download the new version thereby ensuring that all parties concerned are using the latest up to date information.



DPCV 4002

Building information modelling (BIM) represents both an enhanced technology and a process change for the architecture-engineering-construction & facilities management industry

Level 3 BIM, for modelling & documentation, allow for using BIM & BIMs as a tool to develop and deliver design for all disciplines in a 3d format with inbuilt intelligent components from which information can extracted immediately or harvested at a later stage.



TS-90 TRV & HERZCULES Head

The Benefits of BIM

- Focus on design
- Early visualisation by client – faster approval cycle
- Ease of coordination between construction documents
- Spatial co-ordination between disciplines
- Clash detection & conflict resolution prior to site arrival of product

All your HERZ products now available from BIMStore

bimstore.co.uk®

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