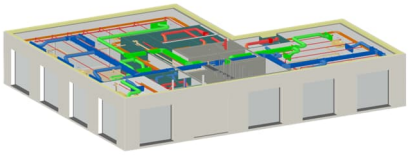
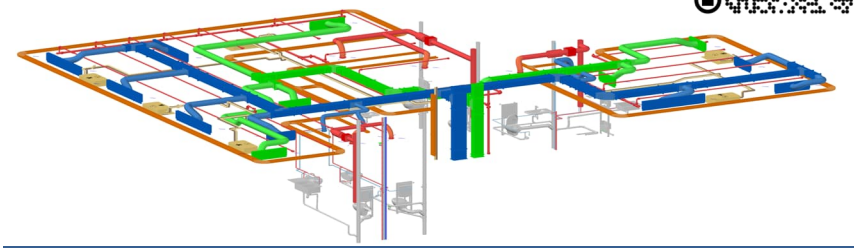
FLUID DESK BIM 2026 (SP2)

6.3.2 [26.08.24]

Build date: 24 August 2026





Adopts DWG as its native format. Seamless import of IFC, RVT and DGN building models. For BIM coordination, export to IFC at any time or use PREMIUM Support to convert to RVT.

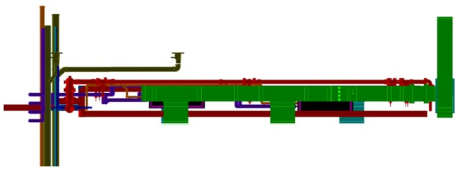
Use the Custom Element to easily incorporate pre-made RFA families or request their conversion by subscribing to PREMIUM PLUS Technical Support.

RELEASE NOTES 24.08.2026

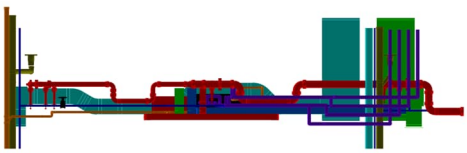
SPECTACULAR SUCCESS!

FLUID DESK BIM has proven to be a remarkable success, attracting hundreds of new users — most importantly, a significant number of them migrating from other systems, including solutions provided by global industry players.

Focused on productivity and driven by simplicity – FLUID DESK BIM delivers the ultimate all-in-one platform for AEC professionals – easy to learn and cost-effective to maintain!



Ventpack, Hydronicpack and Sanipack are industry specific modules tailored for the modelling and optimization of MEP systems.

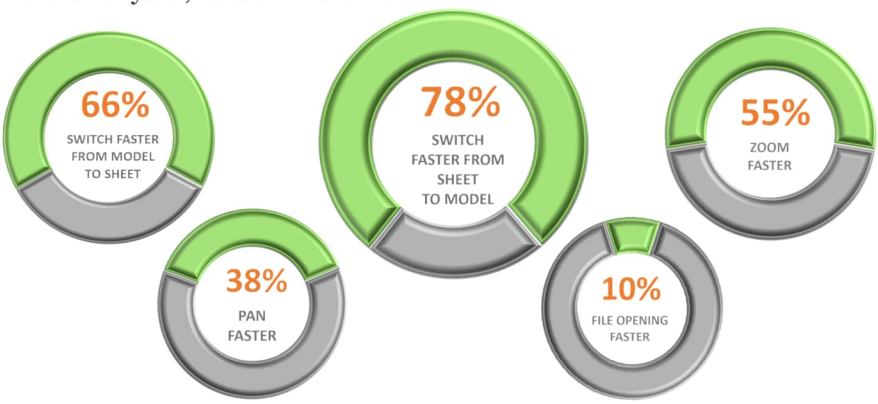


WHAT'S NEW?

Significantly improved performance!

Performance is prioritized in FLUID DESK BIM 2026 to deliver a noticeably better user experience.

Year over year, we now deliver:



FLUID DESK BIM **2026 (SP2)** introduces a wide range of new features and enhancements.

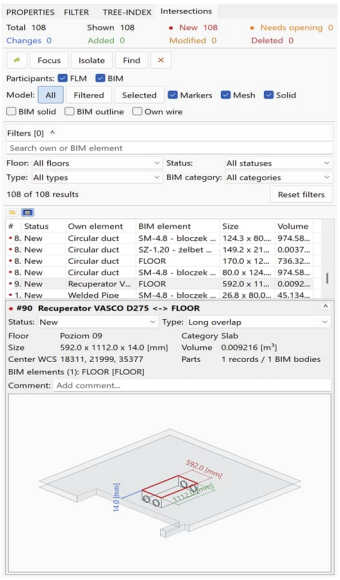
CLASH DETECTION

New clash detection functionality unveiled!

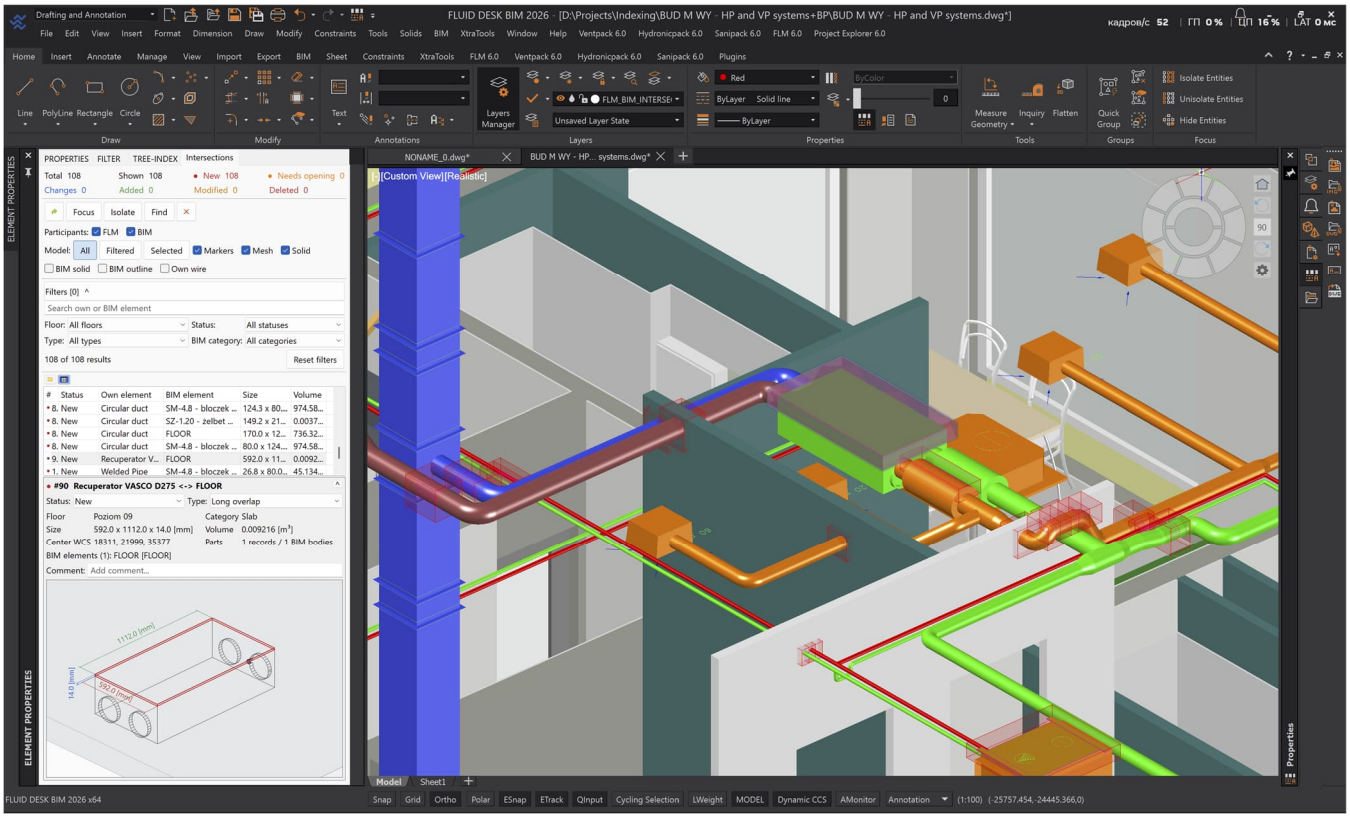
The long-awaited Clash Detection functionality, requested by the MEP community, can be launched using the commands:

- FLM_CLASH and
- FLM_CLEARCLASH to clear.

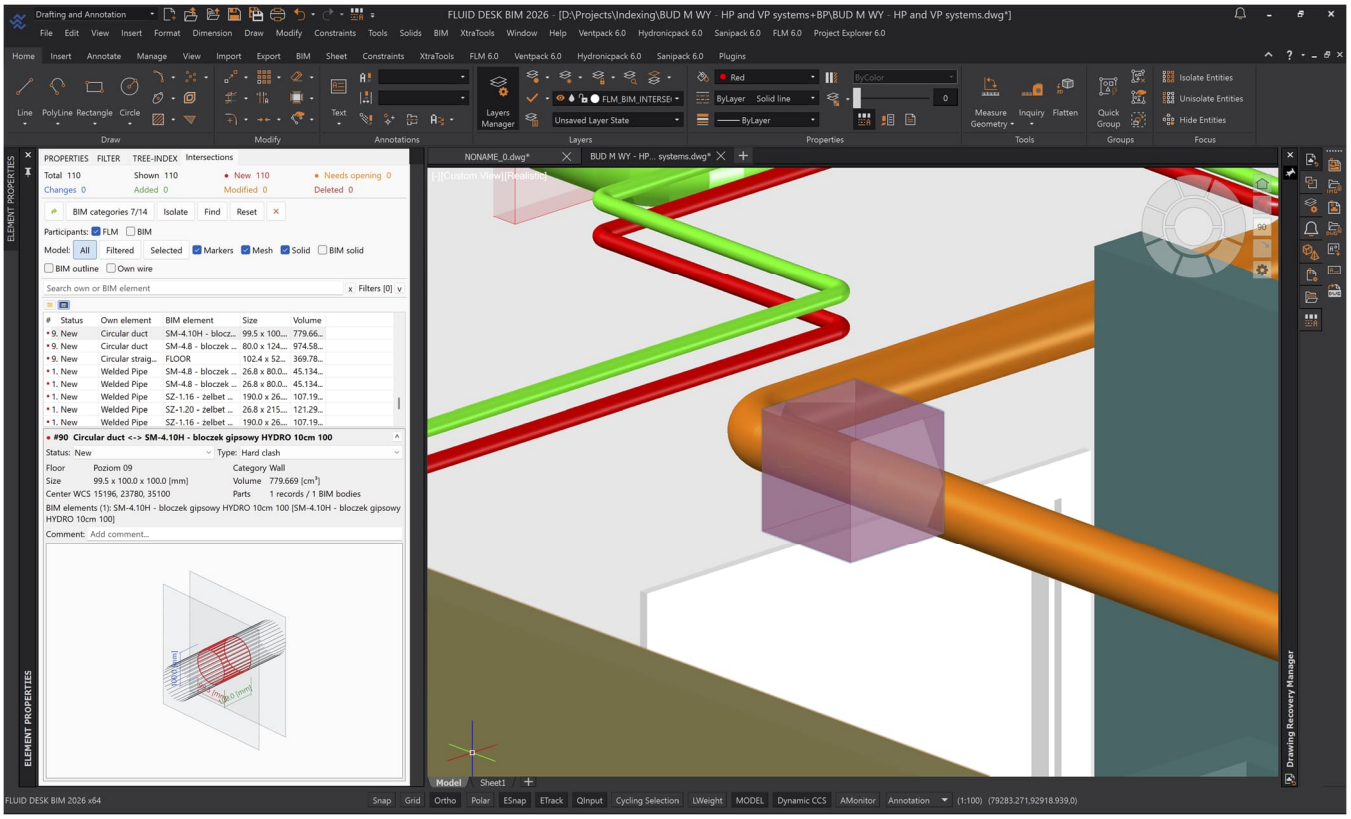
The detected clashes are displayed in the WIZARD, where the results can be reviewed and explored.

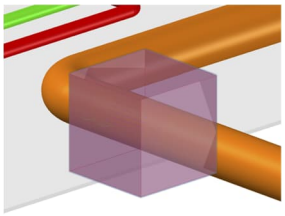


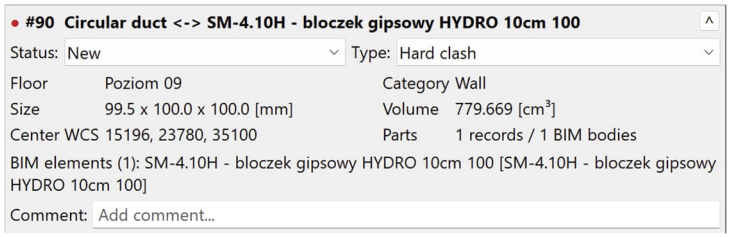
The newly released automatic Clash Detection functionality significantly accelerates and simplifies the BIM coordination process for MEP designers, eliminating much of the guesswork.

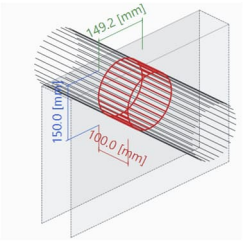


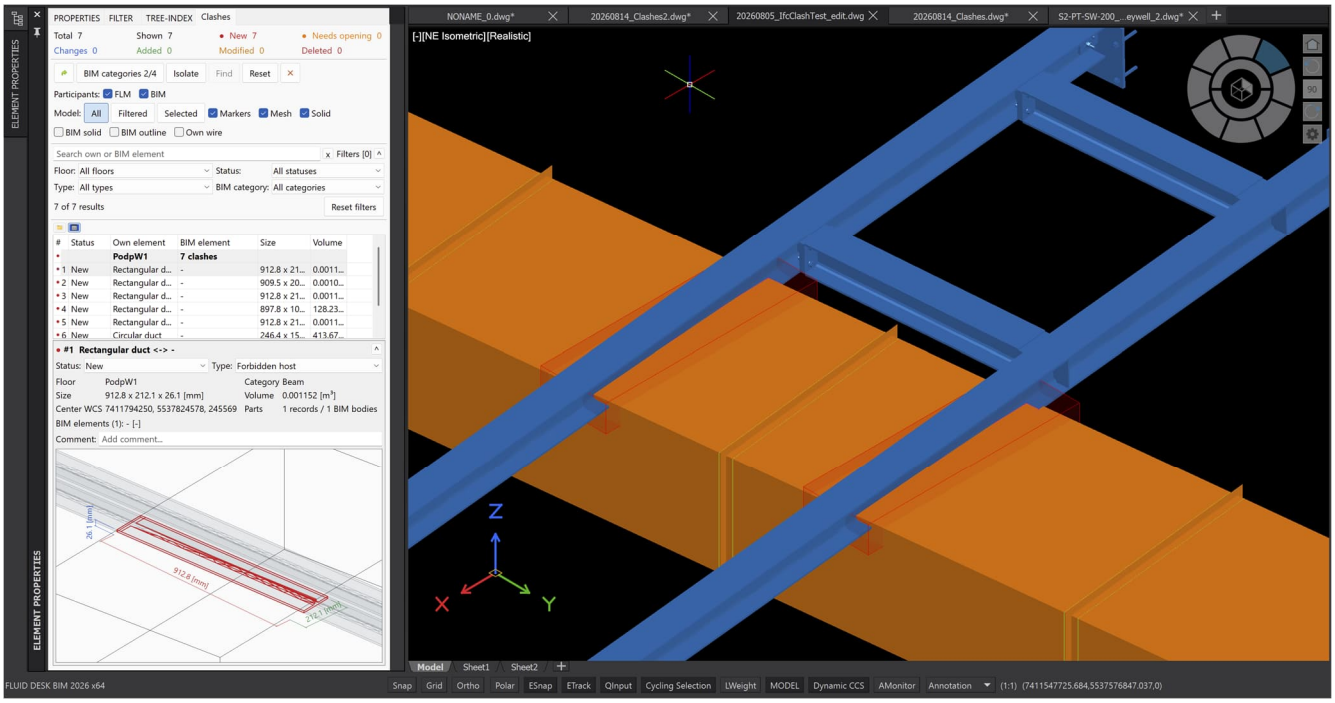
It enables MEP professionals to autonomously and automatically identify clashes directly within their own design environment before the model is handed over, significantly accelerating the BIM coordination process.









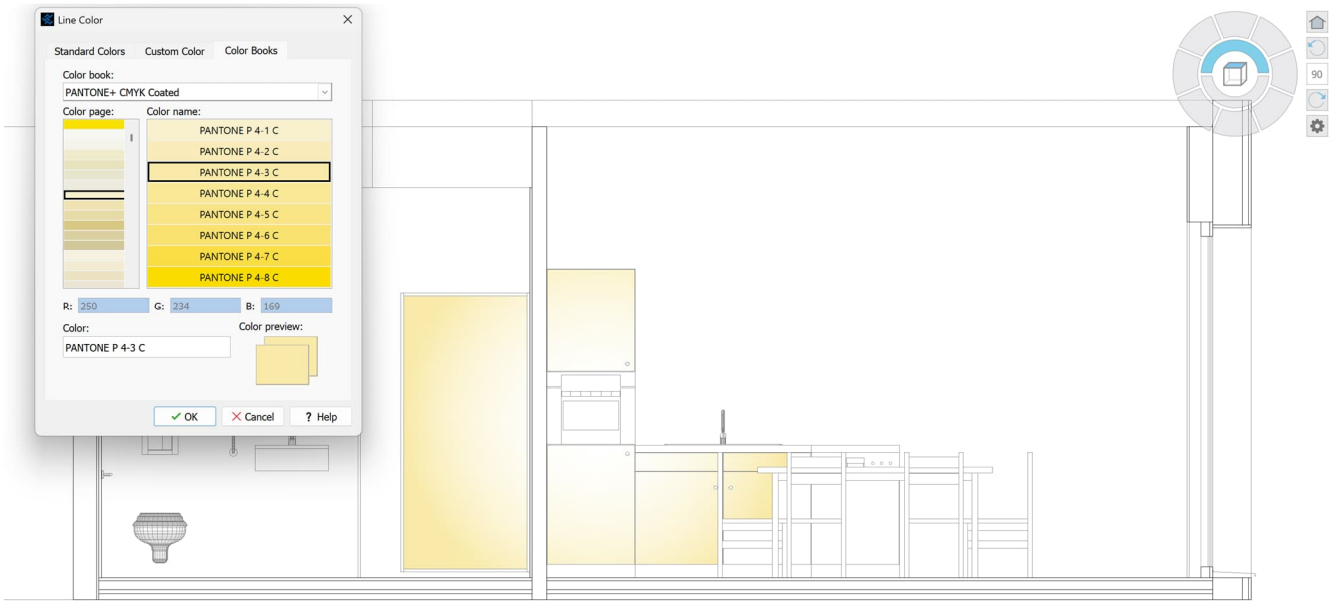


CUSTOM COLOR BOOKS

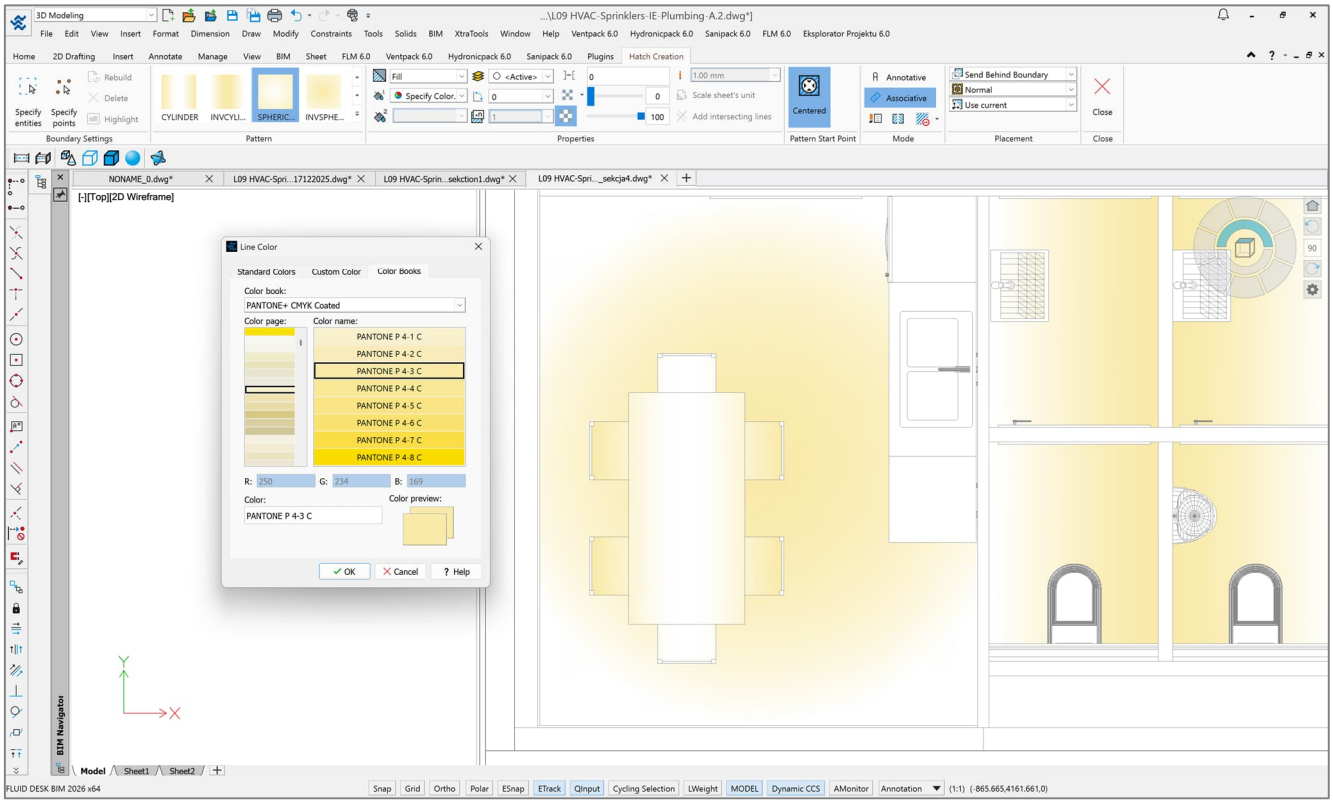
You can now use any reference colour from Pantone, RAL or other systems.

FLUID DESK BIM now supports custom colour palettes, also known as colour books, allowing users to access a wide range of standardized colour systems directly within their projects.

This feature is ideal for professionals who rely on precise colour standards for branding, industry compliance, or consistent material representation.



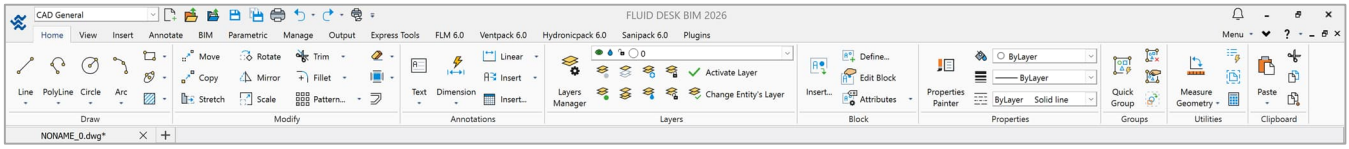
With colour books, users can quickly select and apply exact shades from widely recognized systems such as Pantone and RAL, ensuring visual accuracy and consistency across designs.



CONTEXTUAL & OPTIMIZED RIBBONS

New contextual ribbons streamline workflows by offering instant access to the most relevant Gradient and Pattern options after selecting Hatch – eliminating the need to search for commands.

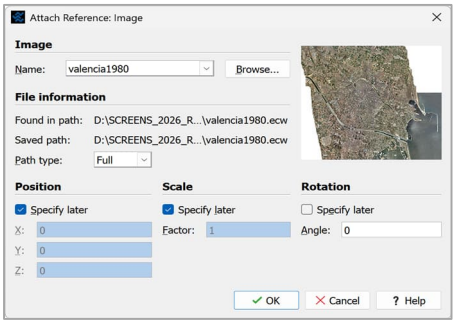
To enhance usability and overall user experience, FLUID DESK BIM introduces an improved ribbon layout. The ribbon has been redesigned to provide more intuitive access to individual functions, with a focus on key, frequently used commands – increasing the efficiency of everyday tasks.



SUPPORT FOR THE ECW IMAGE FORMAT

ECW (Enhanced Compression Wavelet) – an image format designed for very large raster datasets – is now supported.

In the BIM context, it shows up mostly when working with geospatial data, maps, and aerial imagery.



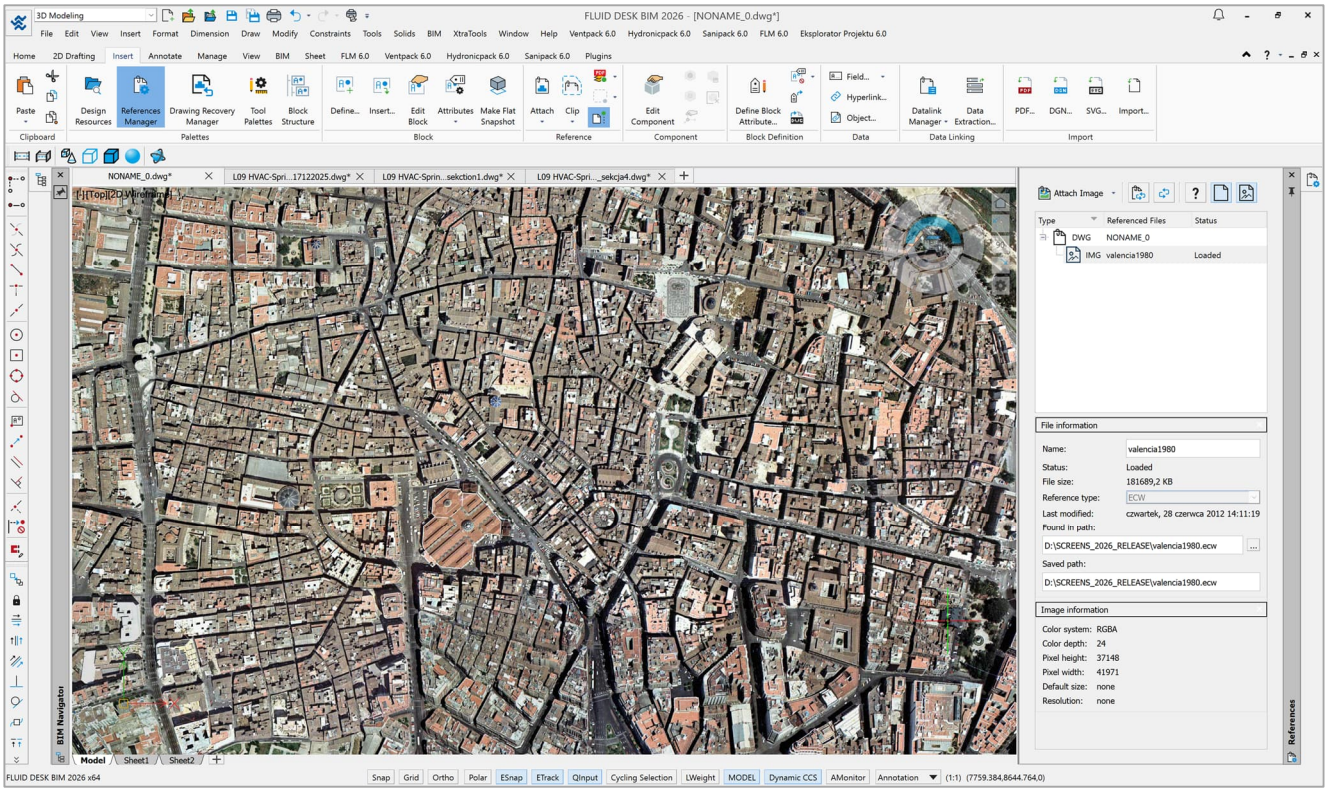
ECW – a highly compressed, streamable map image format – let you:

- work with huge orthophotos, satellite images, or scanned maps,
- keep file sizes very small compared to TIFF/PNG,

- load only the visible portion of the image (fast zooming/panning),
- avoid crashing software when handling gigapixel-scale imagery.

Practically, ECW is used when:

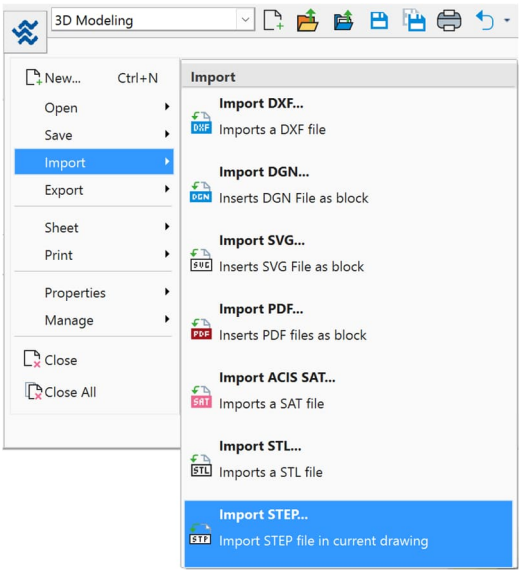
- you're placing site context – terrain, aerial imagery, into a BIM model,
- you're aligning BIM models with GIS data,
- you're referencing survey or drone imagery.



STEP FILE SUPPORT

STEP files enable seamless collaboration between different software systems. They typically contain 3D geometry (surfaces and solids), as well as color and layer information.

FLUID DESK BIM now allows users to easily import STEP models into their drawings as solid entities using the Import STEP command (IMPORTSTEP). These imported solids can be edited directly within the platform, simplifying workflows and expanding the range of available design elements.



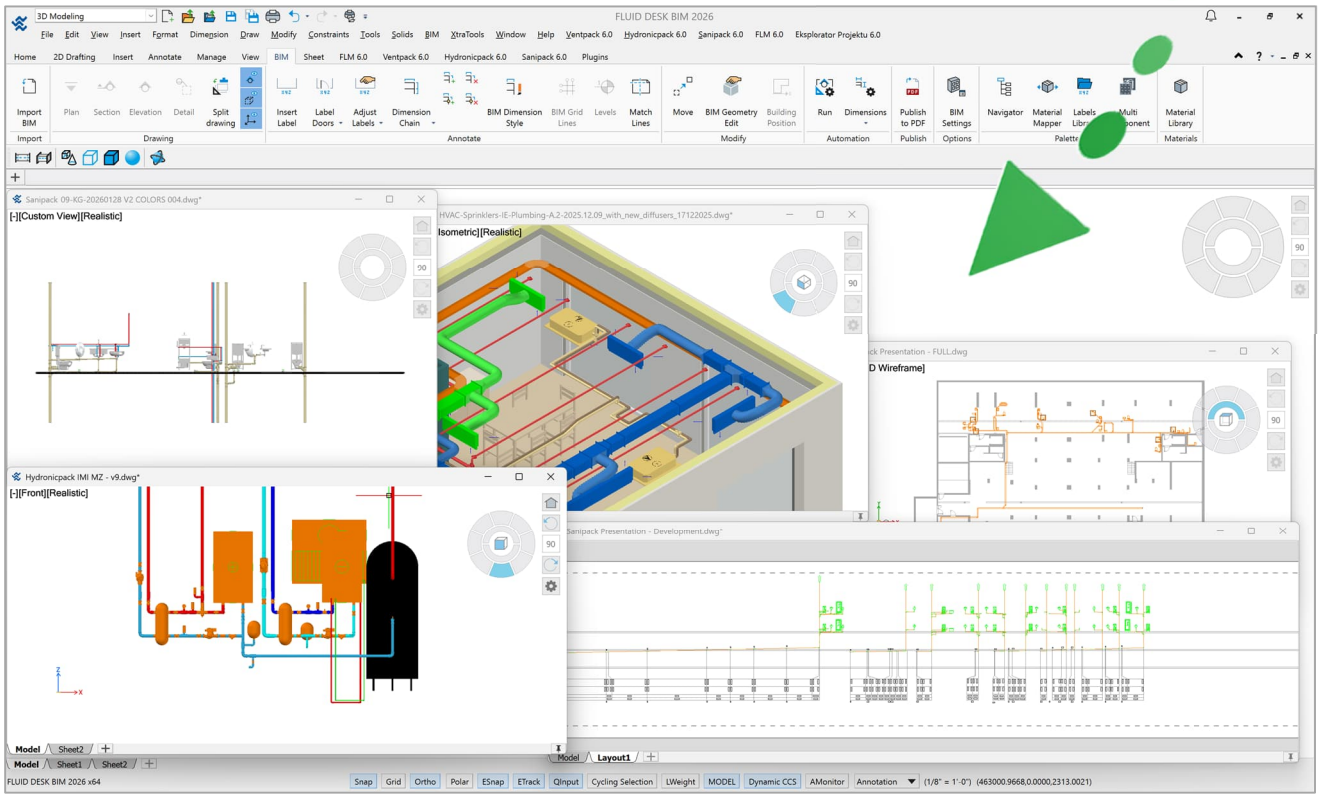
Imported STEP models can also be converted into library elements using the Custom Element function and seamlessly integrated with modeled MEP systems.

OPEN DRAWINGS IN FLOATING WINDOWS

FLUID DESK BIM now allows users to open drawings in separate windows outside the main application. This feature enables flexible viewing of multiple drawings side by side or across multiple monitors.

To create a new floating window, simply drag any document tab outside the main window.

Each window can be resized, zoomed, and navigated independently as needed. This powerful workflow enhancement increases productivity by facilitating easy comparison, as well as copying and pasting elements between drawings, and supporting efficient multitasking.

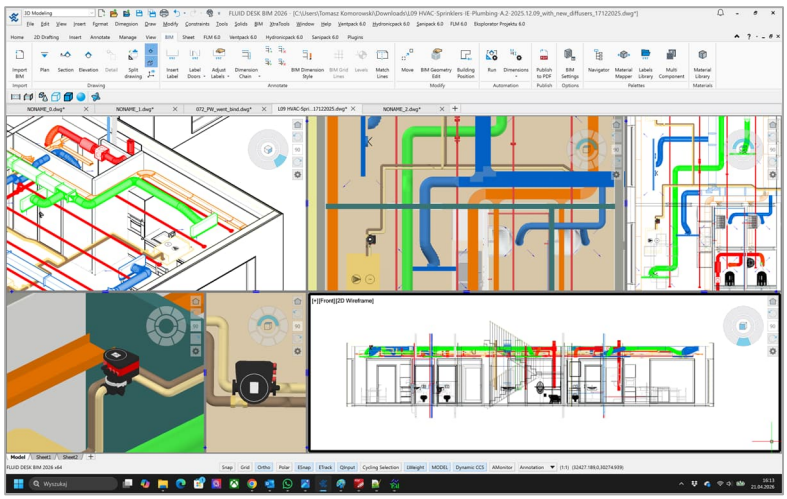


ENHANCED MODEL VIEWS IN VIEWPORTS

Model Views can now be freely and consistently applied to any viewport.

Viewports can now be treated as independent, fully controlled windows into the model, offering greater flexibility in layout composition and setup. Users can create, arrange and modify multiple viewports. Each viewport maintains its assigned properties, including scale, orientation, visual style, and view — without unintended resets or conflicts.

This enables the creation of multi-detail sheets, BIM documentation layouts, and complex drawing sheets with multiple independent views.



OTHER IMPORTANT IMPROVMENTS

Here are some additional key improvements worth highlighting:

- Improved LISP support.
- Improved UCS behaviour.
- Enhanced XREF panel performance and stability.
- Significantly improved reliability of IFC file import,
- Improved visibility of drop-down checkboxes while defining filters in the BIM Navigator.

This release also resolves:

- Issues with 4K displays and dialog scaling.
- Errors while using the “Go To Element” option in the “List of Elements (BOM)” window.
- Incorrect behaviour in several library elements.

Additionally, users will find:

- Easier-to-use Print Style Table configuration.
- Ability to select the “Other” option for Line Type combo boxes in System Properties.

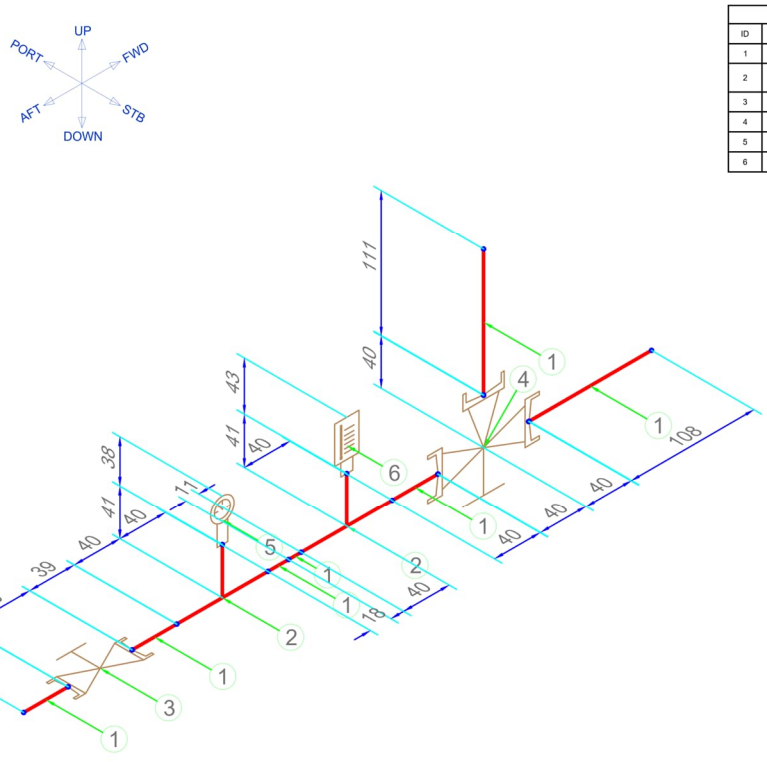
Finally, this version provides full and improved support for the Chinese and Japanese languages.

WHAT IS NEW IN HYDRONICPACK 6.3.2?

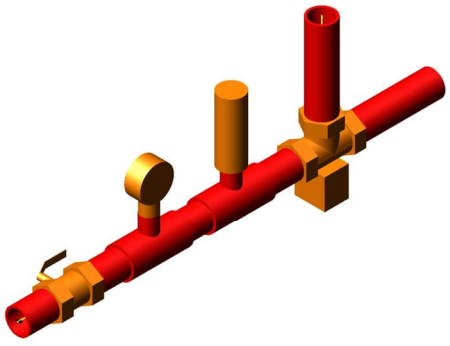
Users will find in latest Hydronicpack 6.3.2 among others:

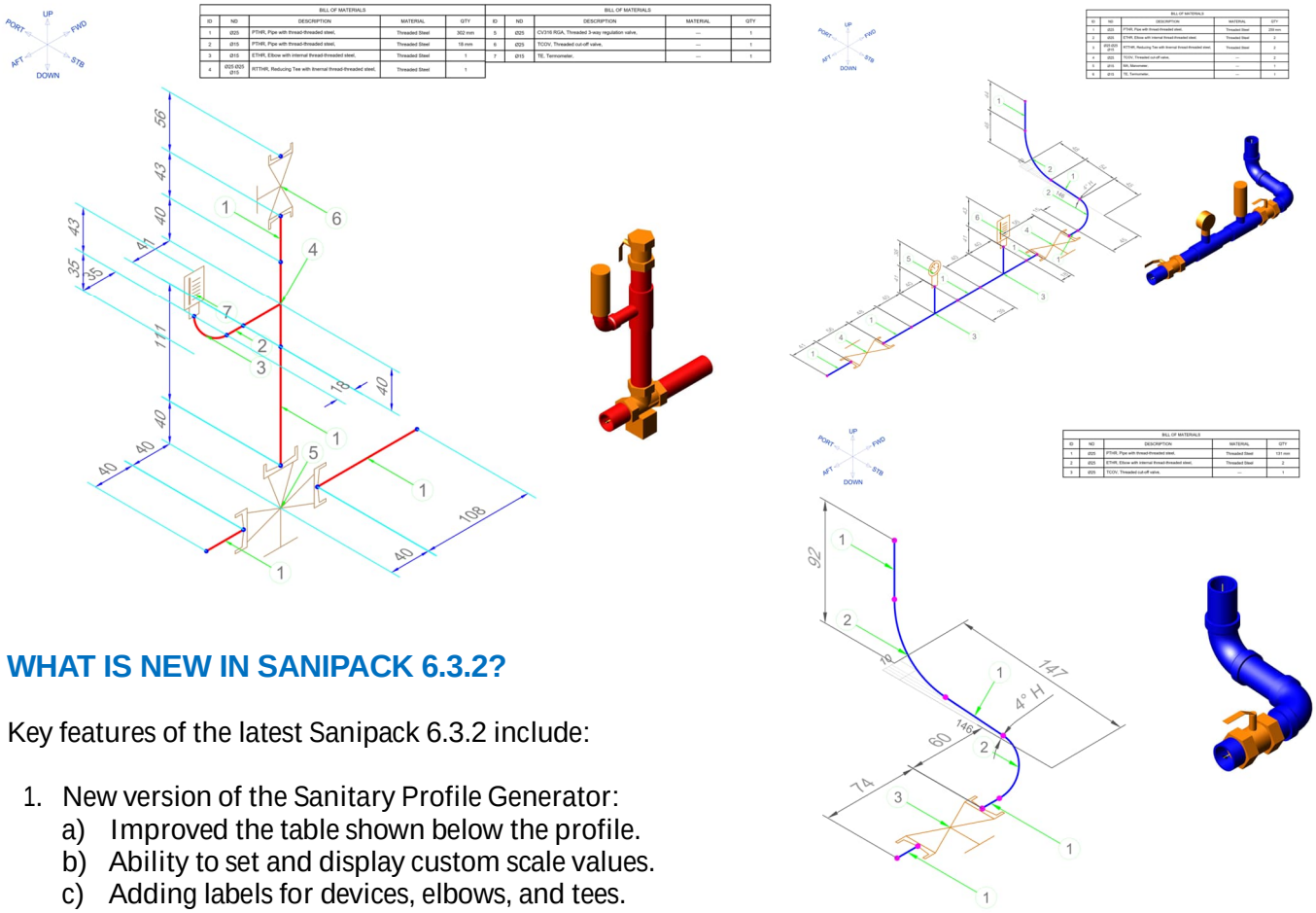
1. Fixed minor issue updating geometry of reducers and adapters during sizing operations.
2. Significant improvements to Pipe Drawing, Auto-Connect and the Valve Placement tool.
3. Improved placing of accessories on pipes.

This release includes significant improvements in Isometrics, especially in Spools – automatically generated prefabrication drawings.



BILL OF MATERIALS				
ID	ND	DESCRIPTION	MATERIAL	QTY
1	Ø25	PTHR, Pipe with thread-threaded steel,	Threaded Steel	366 mm
2	Ø25 Ø25 Ø15	RTTHR, Reducing Tee with itnernal thread-threaded steel,	Threaded Steel	2
3	Ø25	TCOV, Threaded cut-off valve,	---	1
4	Ø25	CV316 RGA, Threaded 3-way regulation valve,	---	1
5	Ø15	MA, Manometer,	---	1
6	Ø15	TE, Termometer,	---	1

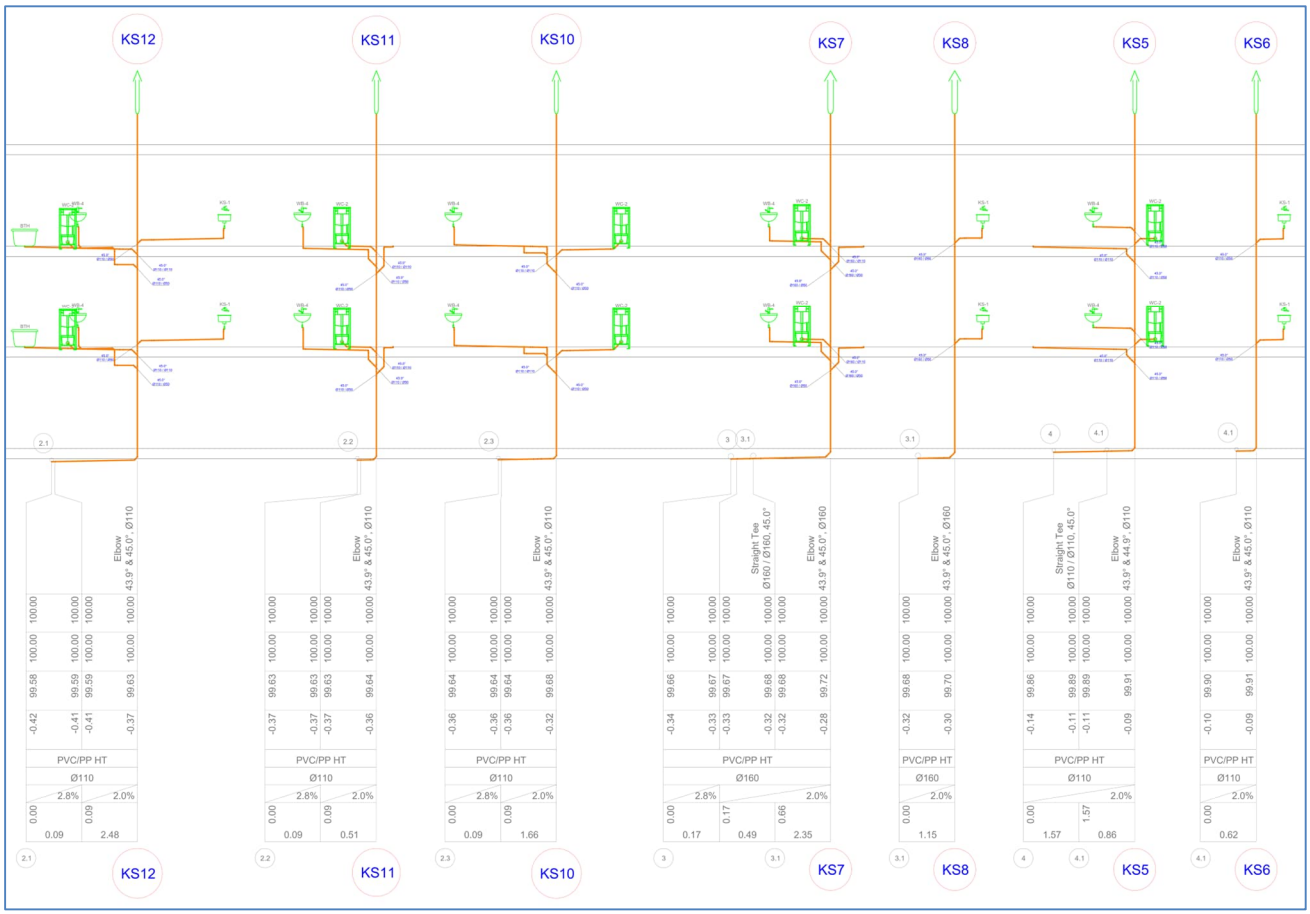




WHAT IS NEW IN SANIPACK 6.3.2?

Key features of the latest Sanipack 6.3.2 include:

1. New version of the Sanitary Profile Generator:
   a) Improved the table shown below the profile.
   b) Ability to set and display custom scale values.
   c) Adding labels for devices, elbows, and tees.
   d) Ability to select a specific branch and indicate it as primary.
   e) Ability to place (and navigate) riser labels on the plan drawing.



1. Updated the ISOMETRICS function:
   a) Completely re-designed and simplified the configuration window,
   b) Improved the transformation of equipment symbols, using more appropriate planes.

2. Automatic placement of double-elbow bends while drawing.

3. Improved handling of dragging operations and propagation of size changes.

4. Addition of system types for Sewage, Domestic Hot and Cold Water, etc.

5. Significant improvements to Pipe Drawing (especially when using slope) and Auto-Connect.

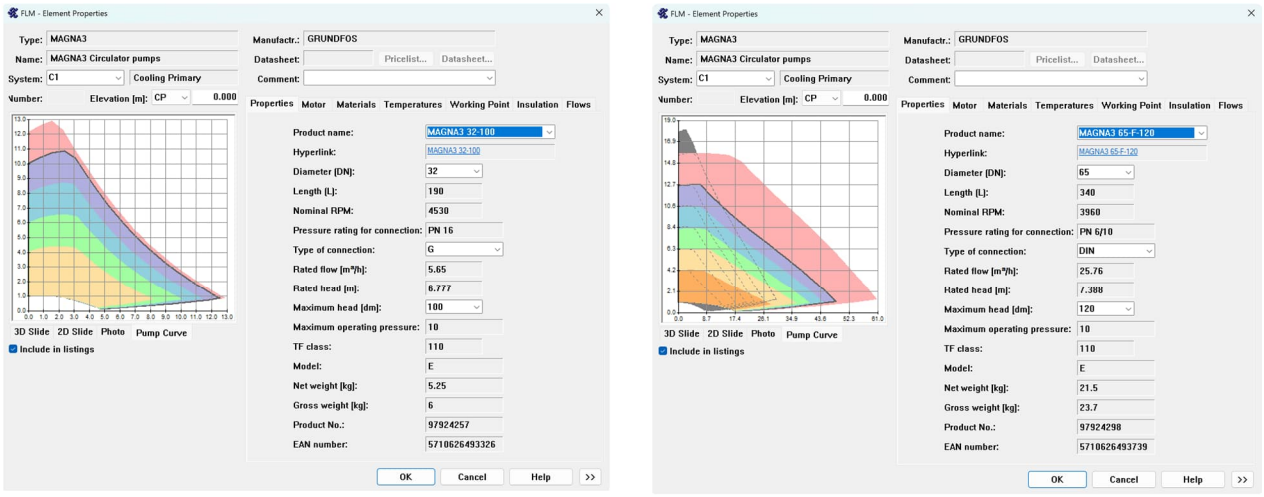
6. Multiple fixes of issues related to Pipe Drawing when using the "PP-R" or "PP-EX / AL/PE-X" technologies with the hot and cold water connectors on Sanitary Fittings that require the placement of appropriate Adapters.

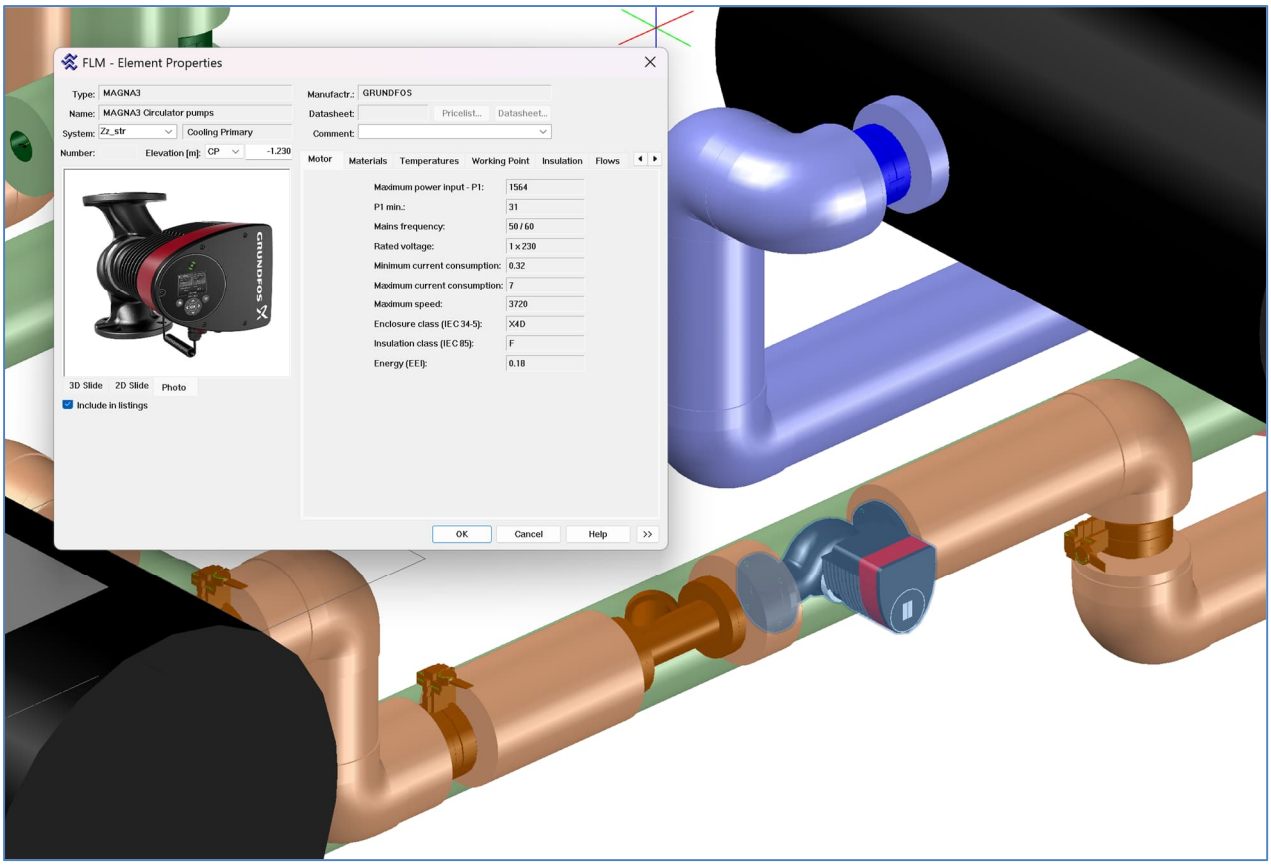
NEW LIBRARIES

Developed and optimized by FLUID DESK in collaboration with manufacturers, the libraries ensure seamless integration with industry-specific modules. Explore selected recently added libraries below.

1. Hydronicpack and Sanipack now include the first pump library from GRUNDFOS, featuring the MAGNA3 pump type, with pump curves enabling accurate selection and sizing based on hydraulic calculations.

Libraries provided by FLUID DESK deliver an excellent experience for MEP consultants. Clearly presented parameters in the Element Properties make identification intuitive and ensure fast, virtually error-free selection without the need to consult data sheets. Focused on productivity and system optimisation, manufacturer libraries demonstrate a true commitment to delivering the ultimate professional experience when working with Hydronicpack.

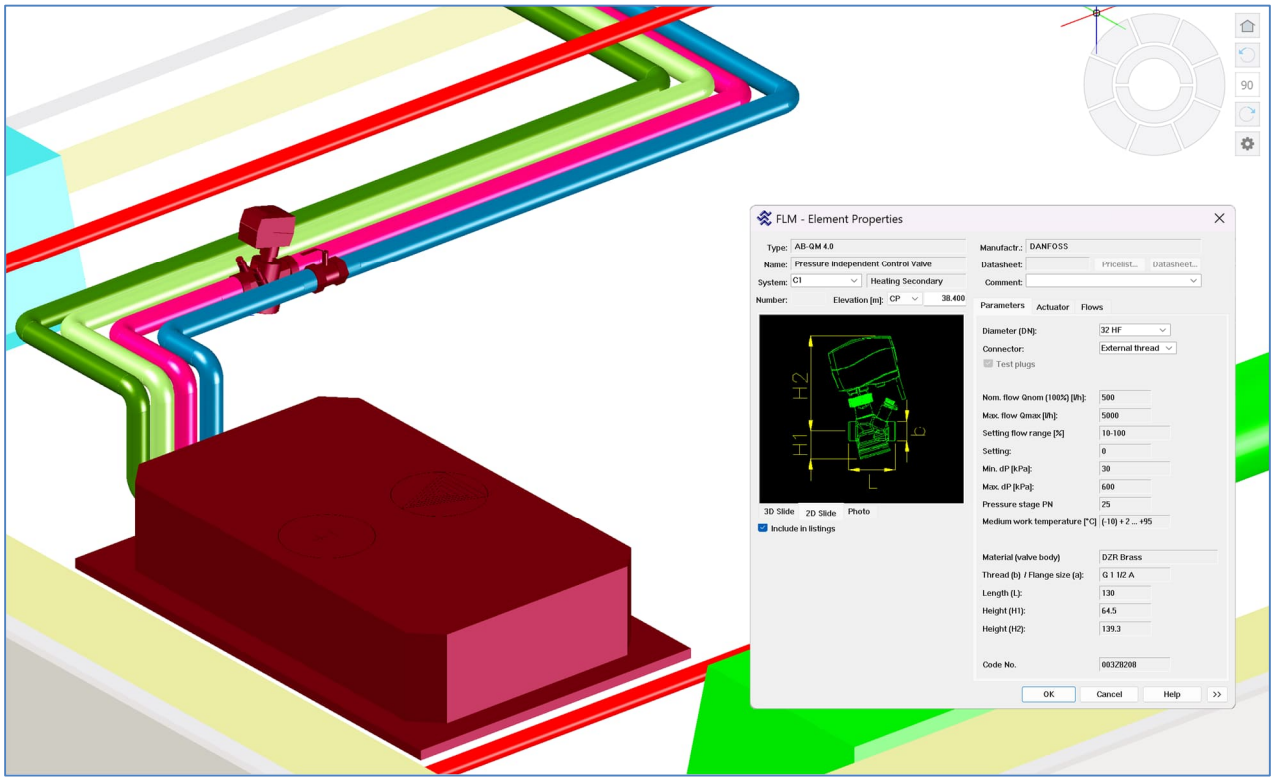




2. Hydronicpack receives an update to the DANFOSS library.

   The primary update revisits the AB-QM 4.0 Pressure Independent Control Valve, introducing minor yet practical improvements worth seeing in action.

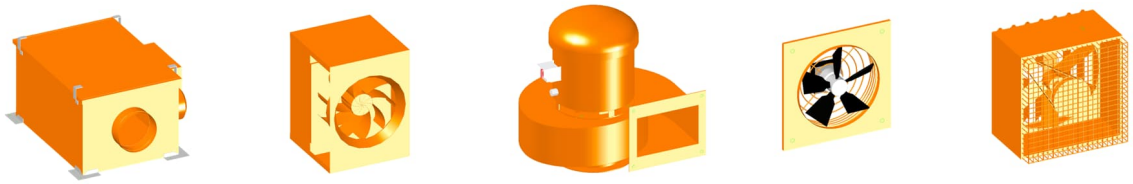
   Additionally, a new element has been added: the MSV-F2 manual balancing valve.



3. Ventpack is receiving updates to several manufacturer libraries.

   a) VENTURE INDUSTRIES covering the following components:

   - Filters, silencer, dampers and other: DF, DFK, DFR, CAR-PL, ACOP PL, RCS, IAE-PL, IRIS, AKU-COMP, IAE-PL, RDR, SAVD, PKI-C EI120S, PKI-C EI60S, HICS, CAV, ZPD, SKZ, ISOLA-HY-3F.
   - Axial fans: TCBT, TCBBx2, TCBTx2, AFC, AFH.
   - Ductable fans: JETLINE, JETLINE ECOWATT, TD, TD SILENT, TD SILENT ECOWATT, VENT, VENT-V, EN-CVAB-CVAT-N, IRB-IRT, KABT, AFB, AFB-AFB-B-EC, AVU EC DL, IBF, IBF-EC, IBF-I, IBF-I-EC, VENT ECOWATT, HI-RO.
   - Roof fans: RF, RF-EC, RFV, HI-TO, TH-ECOWATT, ROOF-H, ROOF-V, CRV, HCTB-HCTT, RBM.
   - Wall axial fans: HCFT/B, HCBT/B, AFW, HXBR/HXTR, HXBR-ECOWATT, HIB-HIT, HXM.



   b) BERLINERLUFT ventilation system components:

   Circular duct elements such as: TUBEB, WFR1, WFR2, TUBEB2, TUBEB3, asymmetric circular - tee AREB, Y splitters: HSE1, HSE2, HSE3, HSE4, HSE5, circular offset – OC1B, symmetric angled circular tee – ATEB, circular elbow – BSEB, asymmetric circular reduction – UAEB, collar saddle for circular duct – STEB, symmetric circular reduction – USEB, asymmetric angle circular tee - AYEB2, angled circular tee – AYEB.

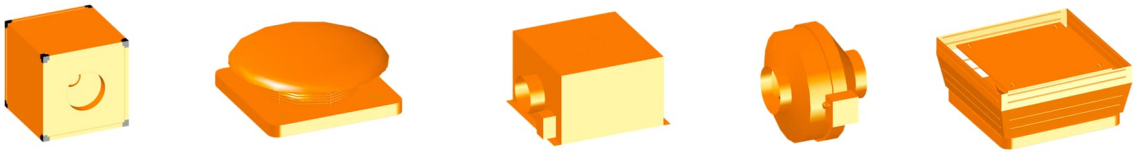
   Rectangular duct elements such as: TR1B, TR2B, BOB, DWDB, asymmetric offset UAB and UAB2, tee – HSB, KB, silencers – RS1B, TR8B, TR3B, asymmetric tee – TGB, symmetric tees – ST, TR9B, USB, UAB, ESB, BSB, BAB, symmetric elbow – WSB, bend with oblique cut – BWOC, rectangular symmetric elbow – WSB2, rectangular asymmetric elbow – WAB2, symmetric rectangular to circular transition – RSB, asymmetric rectangular to circular transition – RAB, symmetric bend – BSB2, asymmetric bend – BAB2, circular connector – CC, angle tee – TAB.

   c) JUWENT covering the following fans:

   - Roof: WDJ/WDJV, WDH, WD, WD PLUS WDCH (chemical-resistant), WDV, WDVO, WDEx, WDVS-Ex (explosion-proof), OWD, WDM.
   - Ductable: WKo, WKp, WG/WGT.

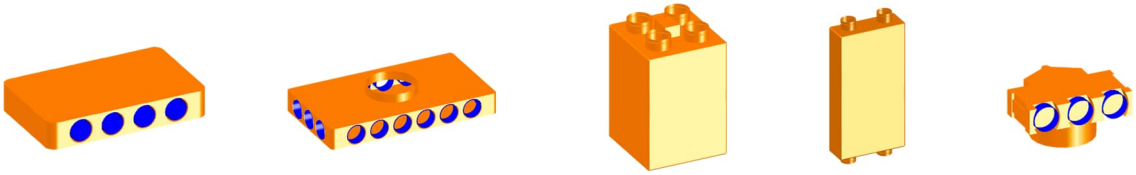
d) ROSENBERG covering the following elements:

- Ductable fans: EKA/EKAD, KHA/KHAG/KHAG-S/KHAS.
- Roof fans: DV/DVE, DVN and DH.
- Box fans: UNO, ME, Zeroboxes Z and ZG.
- Tube fans: R/RG/RS.



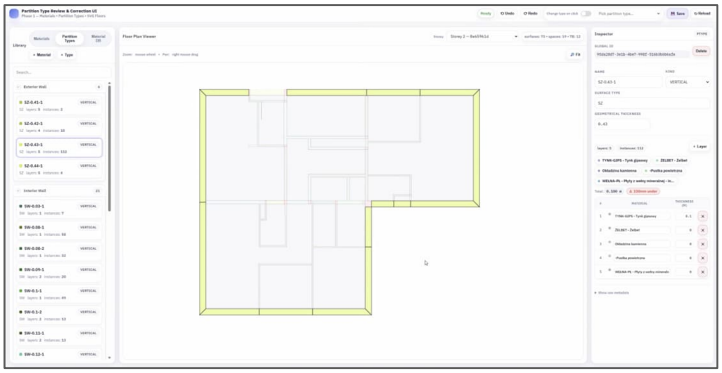
e) ALNOR components:

- Plenum boxes: FLX-PLO-EPP-L, FLX-PLO-EPP-R-P, FLX-PLO-EPP-F, FLX-PLO-EPP-R.
- Heat recovery units with a counter-flow exchanger: HRU-PremAIR, HRU-MinistAIR-S, FlatAIR, HRU-BoxAIR, HRU-MinistAIR, HRU-SlimAIR, HRU-FlatAIR-X.



PROGRESS UPDATE ON THE FLUID DESK AI-BASED R&D PROJECT

ANOTHER MILESTONE – THE DEMONSTRATOR IS READY!



The FLUID DESK AI-based R&D project has reached an advanced stage and achieved a significant technological milestone. Its results are already reshaping the possibilities of automating building energy performance analysis.

Thanks to our cooperation with SANKOM, we are pleased to present a unique pilot service, currently offered free of charge, enabling the automatic conversion of IFC models of multi-storey residential buildings into the gbXML format and their direct import into Audytor OZC software.

What does the FLUID DESK technology demonstrator offer?

In addition to generating the gbXML file, we also prepare DXF files that are correctly imported into Audytor OZC as floor plans. These drawings serve as a clear geometric reference, on which Audytor OZC displays its native two-dimensional representation of building partitions.

This approach allows users to easily and intuitively adjust building geometry, if necessary, without losing model consistency.

AI-driven automation that saves real engineering time.

The pilot service provided by FLUID DESK also enables automatic recognition of room types and room groupings. Although this functionality is still undergoing intensive testing, users are already encouraged to explore its current capabilities. The recognized information is saved in the gbXML format developed by FLUID DESK and correctly imported into Audytor OZC, significantly reducing the need for manual data entry for each floor.

In practice, this means:

- substantial time savings,
- reduced risk of human error,
- a more consistent and repeatable workflow for energy analysis.

Measurable efficiency gains.

The presented technology demonstrator already shows a clear increase in productivity, saving a significant amount of time compared to traditional, manual data preparation methods used in building energy analysis.

A special announcement for technology enthusiasts.

SANKOM has released a new version of Audytor OZC* that supports the import of building models converted by FLUID DESK.

🔗 Installer download link:
https://download.sankom.net/aud/pol/ozc70p/full/setupozc.exe

We invite you to take advantage of our free pilot service for preparing calculation-ready models of multi-storey residential buildings for use in Audytor OZC by SANKOM – generated directly from IFC building models provided by your architect.

📧 To request the service and submit IFC models, please contact: ozc-ai@fluid-desk.com
with the email subject line: “Request for IFC model conversion – ... (model name) – ... (company name)”.

THIS IS JUST THE BEGINNING!

The presented demonstrator marks only the first step in the development of a much broader AI-based solution that will continue to automate and optimize design and analysis processes in the construction industry.

EXPERIENCE FLUID DESK BIM LIVE

Learn more and see the technology in action during an individual session with our technical support team – available on request. Schedule your free presentation by scanning the QR code or using the calendar link:

https://www.fluid-desk.com/meeting-calendar/calendar-technical-support

Please submit your request with the subject: “FREE PRESENTATION”.

JOIN HEADQUATERS TRAINING CENTERE WORKSHOP

We regularly host workshops for building services modeling professionals to help increase productivity in MEP modeling using our unique solutions.

By participating, you will gain a comprehensive understanding of BIM coordination, mastering workflows based on IFC and RVT formats.

Do not hesitate to contact us to schedule your tailored training program. We will assist you with all logistical details, allowing you to focus on improving your skills and developing professional expertise.

DOWNLOAD AND EVALUATE DURING 30 DAYS

FLUID DESK BIM 2026 SP2 version 6.3.2 & FLUID DESK CAD 2026 SP2 version 6.3.2

Download and evaluate – free of charge for 30 days. Use the BIM package when you expect to work with building models provided in IFC, RVT or DGN formats.

FLUID DESK BIM 2026 SP2 version 6.3.2
https://storage01.fluid-desk.com/s/SostBARHKEigEmz

FLUID DESK CAD 2026 SP2 version 6.3.2
https://storage01.fluid-desk.com/s/CQfiDkiNoRmaJ89