

CADprofi HVAC & Piping



Program helps in designing any type of installation in general construction and industry.

The world's leading CAD software add-on

The HVAC & Piping module helps in designing heating, water and sewage, gas, medical, fire safety, ventilation, air conditioning, refrigeration, technological and other installation types in both construction and industry. Functions such as the design of plans and diagrams, isometric views, plans and cross-sections, allow user to employ a single software solution in designing an entire project.

Ease of use

CADprofi is a professional parametric CAD application that vastly accelerates design work. The application's convenient, user-friendly interface makes it possible to fully employ its features immediately, without the need of extensive software training. CADprofi is highly popular among architects and engineers. Less experienced users, who only occasionally work with CAD drawings, also highly praise the accessibility and functionality of our software.

Comprehensive functionality

CADprofi program consists of several modules, thanks to which industry offices can use a consistent system to aid the design process and coordinate different industries.

CADprofi includes the following industry modules:

- **CADprofi HVAC&Piping**
- **CADprofi Electrical**
- **CADprofi Architectural**
- **CADprofi Mechanical**



Software is equipped with a rich array of functions supporting the user at every level of design work: from automatic description system to the bill of materials generation and exporting data into many file formats.



CADprofi has been developed mainly as a tool used in 2D and isometric drawings.



Program includes classifications of objects compliant with BIM. BIM data is used when creating bill of materials and can be transferred to applications that are used during the implementation of the investment.



All of the application modules are mutually compatible with each other and can be installed in any combination.



The regularly updated object library of many industrial manufacturers supports the designer also in working in 3D.

CADprofi HVAC & Piping

The diversity of the functions contained in CADprofi allows for extreme acceleration of the project work.



Key features

- Designing all types of installations (central heating, water and sewage, gas, medical, fire, ventilation, air conditioning, technological installations and others).
- A wide range of editing commands enabling extending/shortening of pipes, changing views, rotating fittings, scaling symbols.
- Layer management based on Open BIM (IFC classification).
- Support for drawing schemes, isometries, views and cross-sections.
- Extensive symbol libraries and parametric models of fittings, heaters, sanitary equipment, pumps, boilers, tanks, heaters and other elements.
- Automatic drawing of pipes and ventilation ducts.
- Automatic connection of ducts and pipes with any connectors.
- Convenient description of drawings.
- Calculations of the number of pipes/ducts and the area of ventilation ducts.
- User elements manager (blocks, drawing frames, symbols, etc.).
- Automatic creation of bill of materials that can be printed or exported to many formats including pdf, rtf (doc), xls, xml, csv, html and more.
- Automatic creation of graphic legends.
- A library of devices from leading manufacturers from many industries, including electrical equipment: ABB, BKT, Dehn, Eaton, Elko-Bis, Hager, Legrand, Schenider Electric, Schrack Technik, Siemens and others.
- Editing commands that allow to perform various editing operations, including: editing objects, editing attributes and inserting descriptions, mirror, scale, copy, rotate, delete, move, extend, insert alternate view or automatically draw sequences of general and detailed pipes/ducts from objects.
- On-line update system.



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Maximum compatibility

Tens of thousands of users from all over the world have already chosen CADprofi. This is the reason, why we always take care to preserve full compatibility with other CAD applications.

CADprofi will automatically configure itself to be optimally compatible with any selected software environment, including BricsCAD, AutoCAD, ZWCAD, progeCAD, GstarCAD and many more.

Drawings created in CADprofi are fully compatible with DWG and DXF formats and can be edited in any CAD system without the need to run and use our software.



Available languages

The Unicode based user interface supports 25 languages, i.e. English, Bulgarian, Chinese (Simplified), Croatian, Czech, Danish, Dutch, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Serbian, Slovenian, Spanish, Swedish, Turkish and Ukrainian.



Always up-to-date

CADprofi is being constantly developed. Versions with new features appear several times per year, providing users with upgraded content and functionality. Our online updates enable every user to immediately access our latest technology.

