



CADprofi 2023.12

✓ CADprofi – object placement (command extension)

In the latest version of the program, the *Arrange* command has been extended with the possibility of arranging objects in the dynamic area.

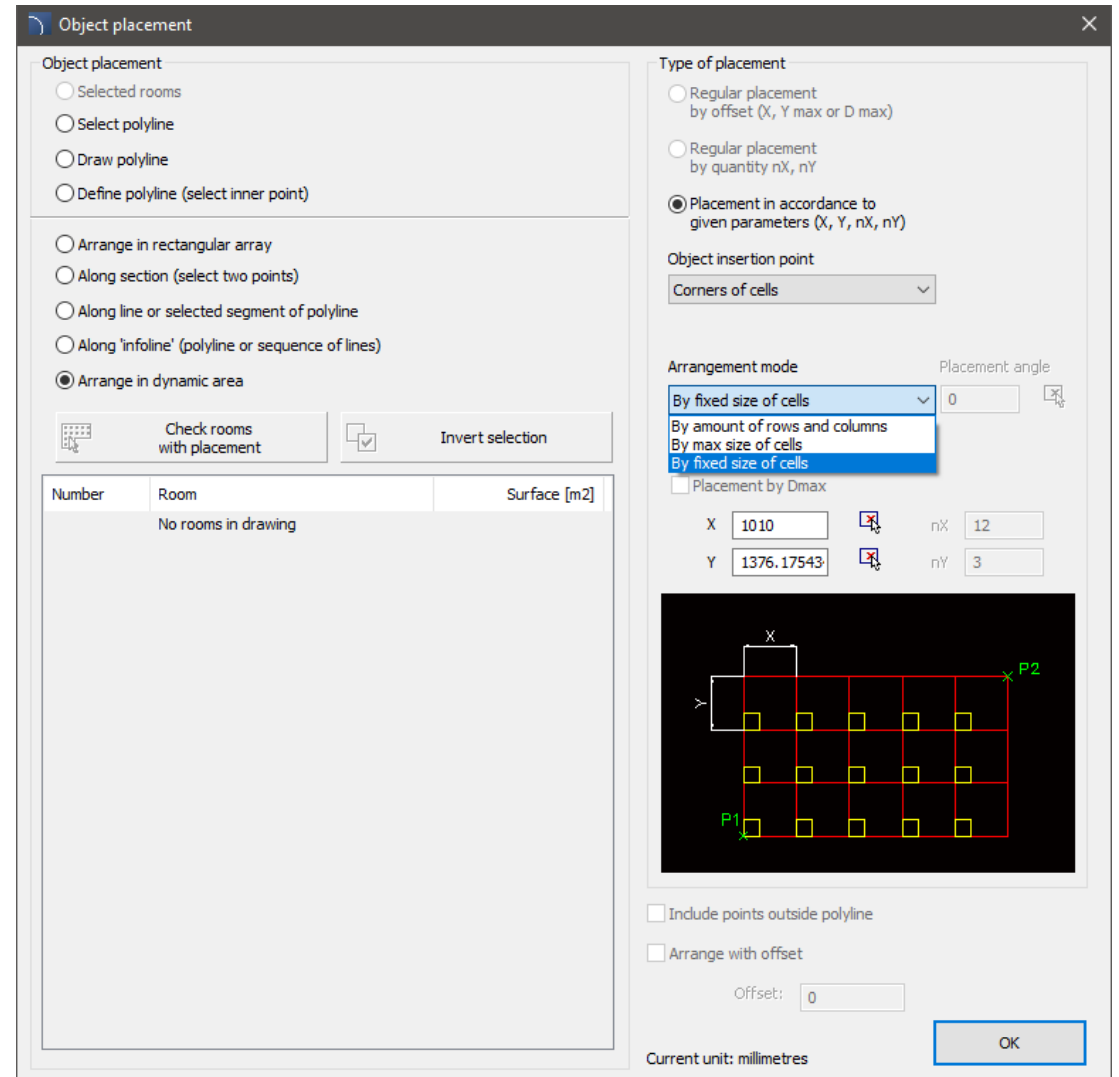
Command allows user to quickly insert multiple copies of a given object at regular intervals.

Arrangement can be easily customized with the available layout options and modes. If needed user can also save a dynamic area block (rectangular grid).



[Watch movie](#)

The *Arrange* command significantly speeds up e.g. placement of fire detectors, sprinklers, lighting, as well as objects such as photovoltaic panels and other objects.





✓ CADprofi – user parametrical objects

The possibility to add user parametric objects has been introduced to CADprofi.

A parametrical object is an object that can contain any number of parametric dimensions. By changing the parameters, you can insert objects of various sizes into the program without having to draw each of the variants. Parameters can be freely edited by the user and saved in program's libraries.



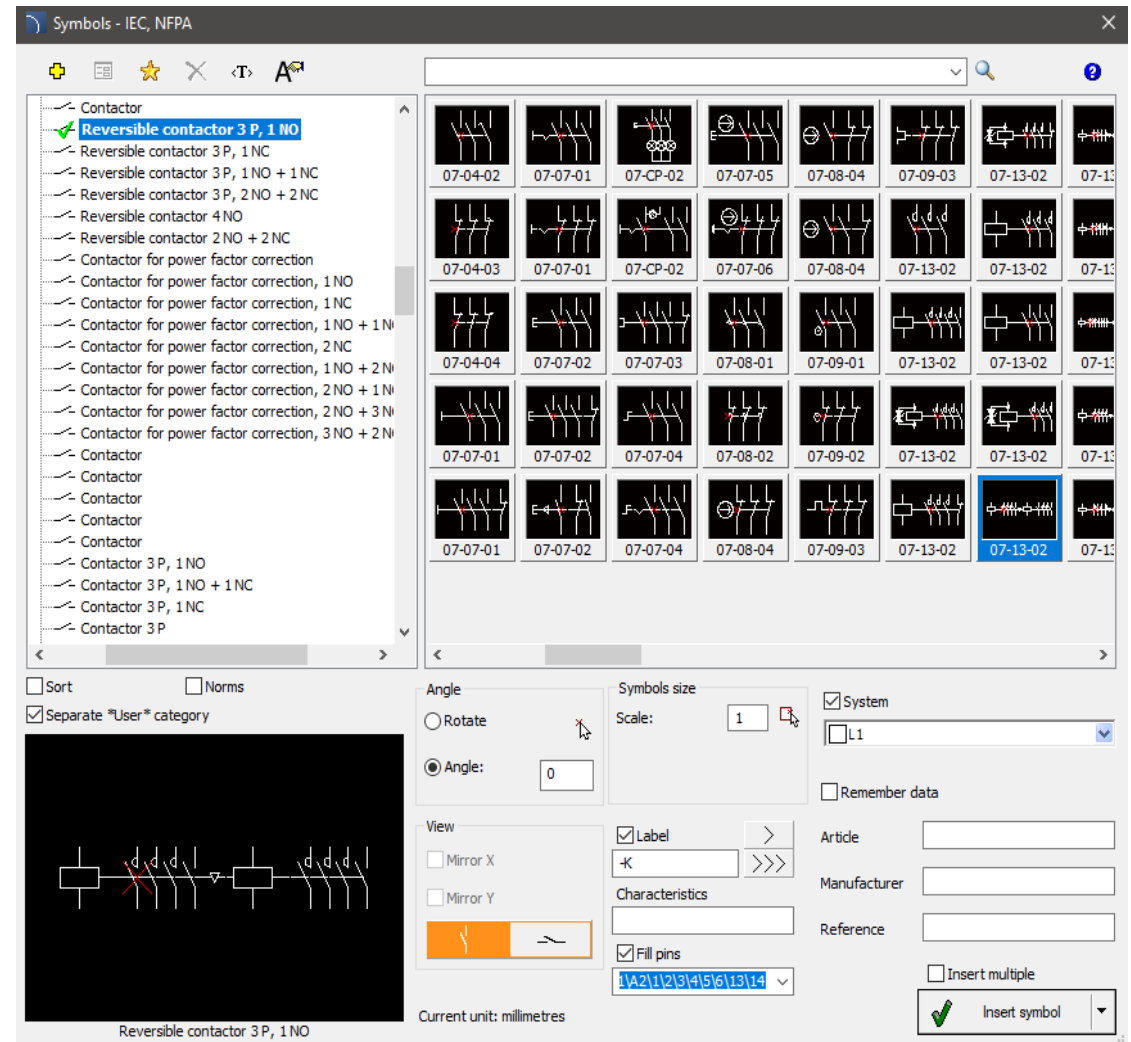
[Watch movie](#)

Name	X1	X3	X2	Y2	Y3	Y1
Driveshaft	118	52	116	74	50	124
Driveshaft_2	100	52	75	74	50	130


✓ CADprofi Electrical – extension of IEC, NFPA library symbols

The *Symbols - IEC, NFPA* library available in CADprofi Electrical has been extended with new symbols, including:

- reversible contactor 3- and 4-pole,
- moulded case circuit breaker with motor operator,
- mechanical block,
- twilight switches (additional variants),
- phase control relays (additional variants),
- multifunctional relays (additional variants),
- single-phase and three-phase electric meters (additional variants).



✓ CADprofi HVAC & Piping – access doors for ventilation ducts

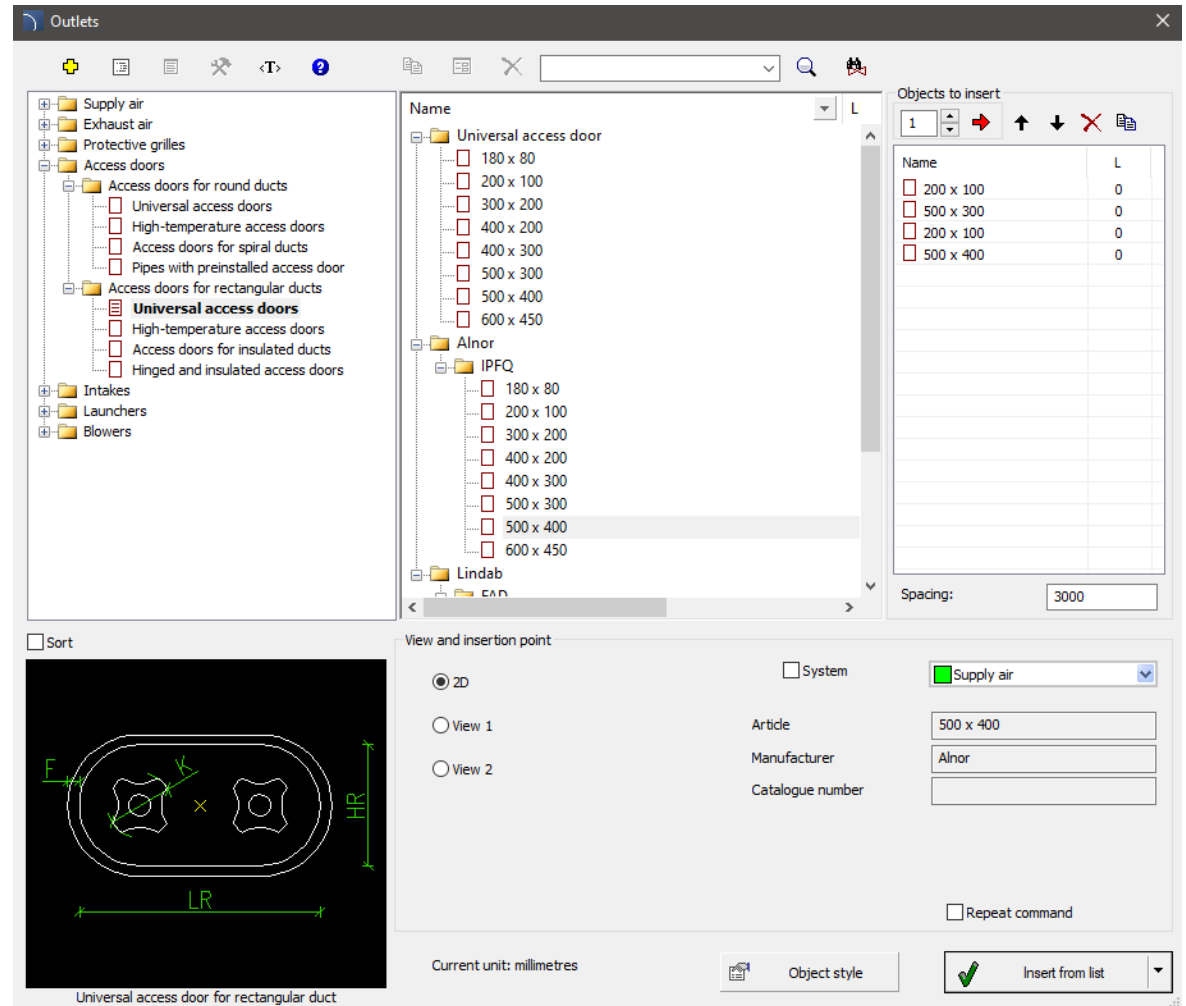
In the *Outlets*  command, a new category – *access doors* has been added, which includes:

- access doors for round ducts,
- access doors for rectangular ducts,

Newly created categories include:

- universal and high-temperature access doors ,
- acces doors for spiro pipe,
- pipes with preinstalled access doors,
- hinged and insulated access doors.

Products that were added are based on Alnor and Lindab catalogs.



The screenshot shows the CADprofi *Outlets* software interface. The left pane displays a tree view of categories, including 'Access doors' and 'Access doors for rectangular ducts'. The middle pane shows a list of products with dimensions. The right pane shows a table of objects to insert. The bottom pane shows a 2D technical drawing of a universal access door for a rectangular duct with dimensions LR, HR, and F.


Objects to insert table:

Name	L
200 x 100	0
500 x 300	0
200 x 100	0
500 x 400	0

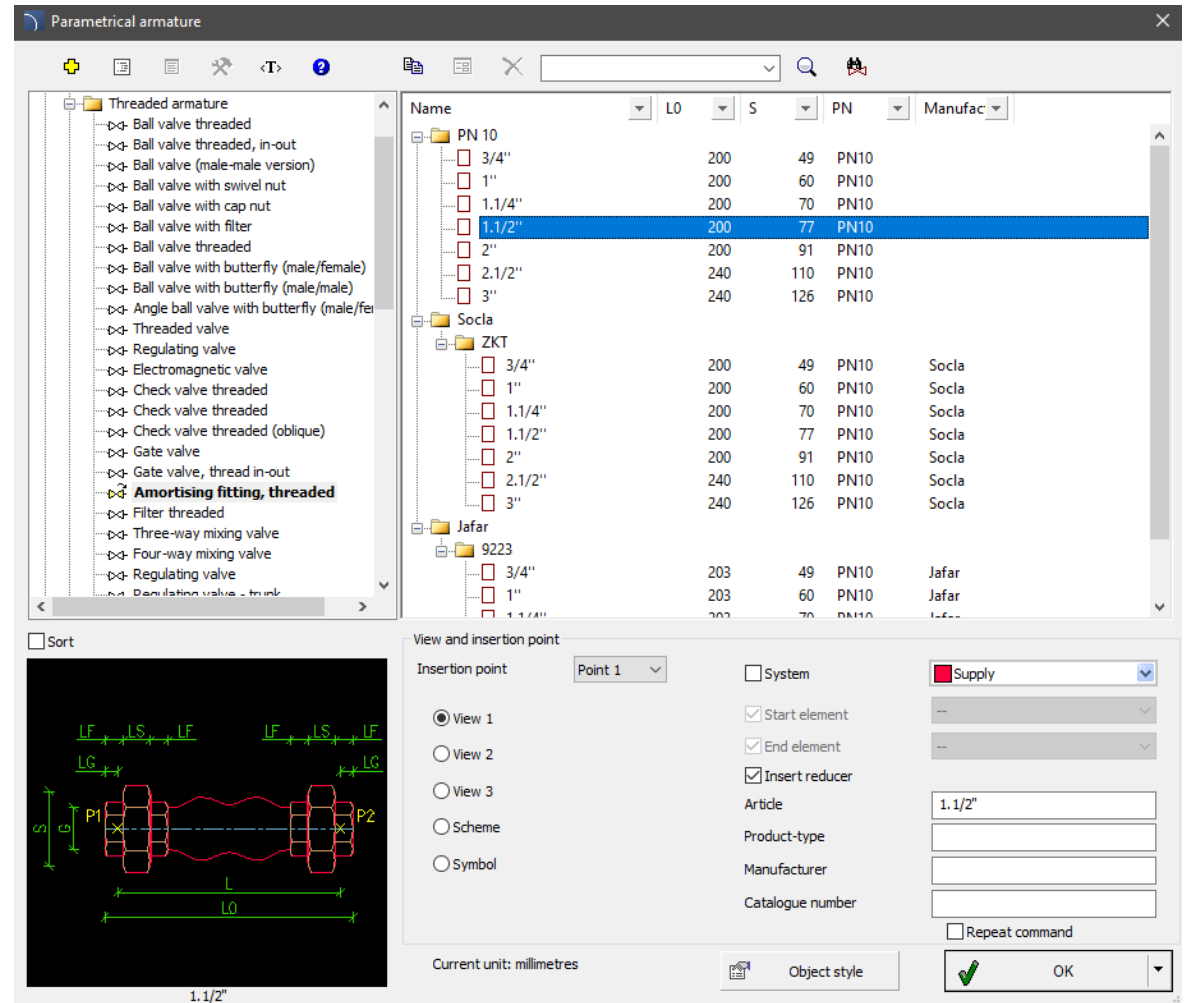
Technical drawing details:

- View: 2D
- System: System
- Article: 500 x 400
- Manufacturer: Alnor
- Catalogue number:
- Current unit: millimetres
- Repeat command:
- Object style:
- Insert from list:

✓ CADprofi HVAC& Piping – extension of threaded armature library

The *Parametrical armature*  command has been extended with the following types of threaded fittings:

- amortising fitting, threaded based on two manufacturers - Socla and Jafar.
- antipollution valve (EA type male/female), based on Socla company specifications.




The screenshot shows the 'Parametrical armature' window with a tree view on the left and a table of fittings on the right. The table lists various fittings with their dimensions and manufacturers. Below the table is a technical drawing of a threaded fitting with dimensions labeled: S, L, L0, P1, P2, LF, LS, LG.

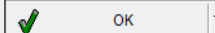
Name	L0	S	PN	Manufac
PN 10				
3/4"	200	49	PN10	
1"	200	60	PN10	
1.1/4"	200	70	PN10	
1.1/2"	200	77	PN10	
2"	200	91	PN10	
2.1/2"	240	110	PN10	
3"	240	126	PN10	
Socla				
ZKT				
3/4"	200	49	PN10	Socla
1"	200	60	PN10	Socla
1.1/4"	200	70	PN10	Socla
1.1/2"	200	77	PN10	Socla
2"	200	91	PN10	Socla
2.1/2"	240	110	PN10	Socla
3"	240	126	PN10	Socla
Jafar				
9223				
3/4"	203	49	PN10	Jafar
1"	203	60	PN10	Jafar
1.1/4"	203	70	PN10	Jafar

View and insertion point settings:

- Insertion point: Point 1
- System:
- Start element:
- End element:
- Insert reducer:
- Article: 1.1/2"
- Product-type:
- Manufacturer:
- Catalogue number:
- Repeat command:

Current unit: millimetres


Object style:  Object style

OK 



CADprofi

✓ CADprofi Mechanical – springs

The *Standardized parts*  command has been extended with the *Springs* category (compression, disc).



[Watch movie](#)

The screenshot shows the 'Standardized parts' dialog box with the 'Springs' category selected. The 'Compression spring' sub-category is highlighted. A table lists various spring specifications with columns for Name, DT, DM, L, and &N.

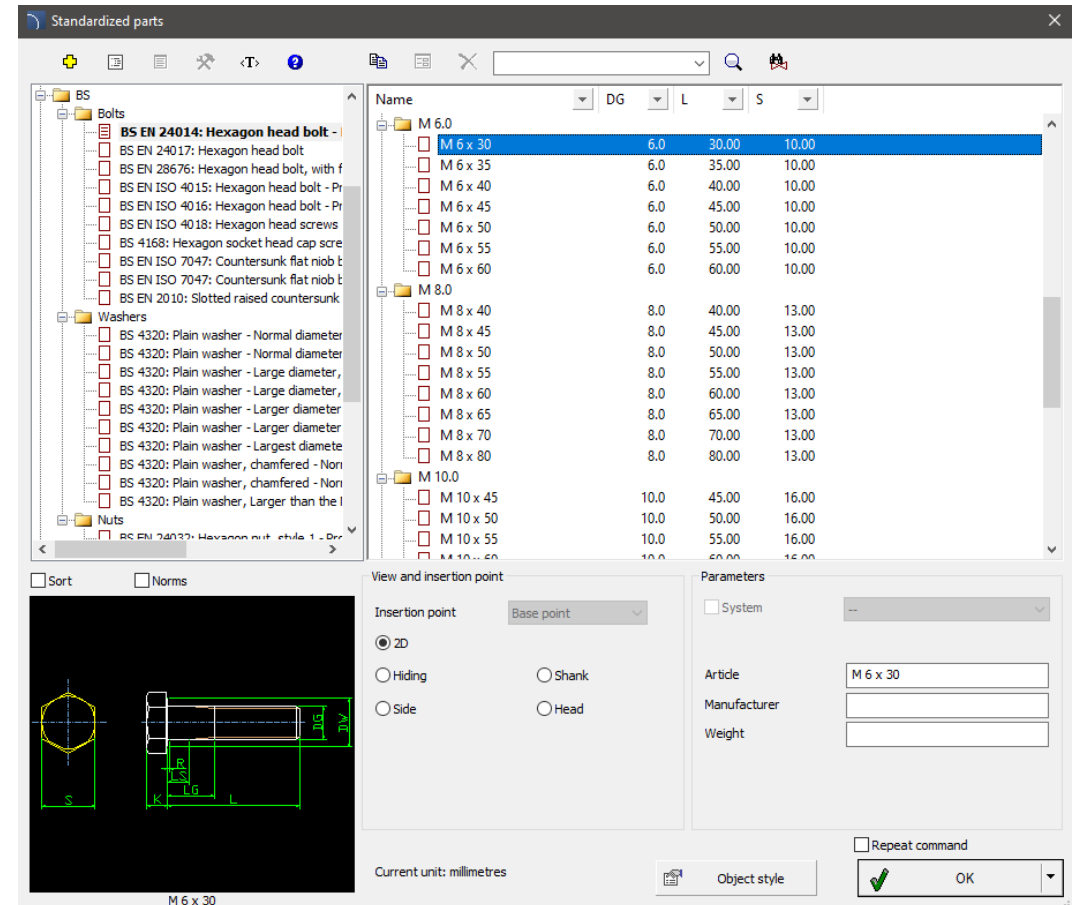
Name	DT	DM	L	&N
CS 0.2x1.32x5	0.20	1.32	5.0	12.0
CS 0.2x1.32x10	0.20	1.32	10.0	23.0
CS 0.2x1.32x15	0.20	1.32	15.0	34.0
CS 0.2x1.32x20	0.20	1.32	20.0	45.0
CS 0.2x1.82x5	0.20	1.82	5.0	8.0
CS 0.2x1.82x10	0.20	1.82	10.0	15.0
CS 0.2x1.82x15	0.20	1.82	15.0	22.0
CS 0.2x1.82x20	0.20	1.82	20.0	29.0
CS 0.2x1.82x25	0.20	1.82	25.0	37.0
CS 0.2x2x4.1	0.20	2.00	4.1	5.0
CS 0.2x2x6.2	0.20	2.00	6.2	7.0
CS 0.2x2x9.2	0.20	2.00	9.2	10.0
CS 0.2x2x13	0.20	2.00	13.0	14.0
CS 0.2x2x19	0.20	2.00	19.0	20.0
CS 0.2x2.32x5	0.20	2.32	5.0	6.0
CS 0.2x2.32x10	0.20	2.32	10.0	11.0
CS 0.2x2.32x15	0.20	2.32	15.0	16.0
CS 0.2x2.32x20	0.20	2.32	20.0	20.0
CS 0.2x2.32x25	0.20	2.32	25.0	25.0
CS 0.2x2.32x30	0.20	2.32	30.0	30.0

Below the table, there are options for 'Sort' and 'Norms'. The 'View and insertion point' section includes 'Insertion point' (Base point), '2D' (selected), 'Section', 'View', and 'Scheme'. The 'Spiral direction' is set to 'Right'. A 3D preview of a compression spring is shown. The 'Parameters' section includes 'System', 'Material', 'Input data' (L, N, -->T), and input fields for L=5, N=12, and T=9. A 'Repeat command' checkbox is also present. The 'Current unit' is set to 'millimetres'. The 'Object style' and 'OK' buttons are at the bottom right.

✓ CADprofi Mechanical – British Standards (BS)

Standardized parts prepared according to British Standards (BS) have been added to CADprofi Mechanical, including:

- **BS EN 24014:** Hexagon head bolt (Product grade A and B),
- **BS EN 24017:** Hexagon head bolt,
- **BS EN 28676:** Hexagon head bolt, with fine pitch thread,
- **BS EN ISO 4015:** Hexagon head bolt, with reduced shank,
- **BS EN ISO 4016:** Hexagon head bolt (Grade C),
- **BS EN ISO 4018:** Hexagon head screw,
- **BS EN 24032:** Hexagon nuts, style 1, (Grade A and B),
- **BS EN 24034:** Hexagon nuts. (Grade C),
- **BS EN 24033:** Hexagon nuts (Grade A and B),
- **BS EN 24036:** Hexagon thin nuts unchamfered, style 0, (Grade B),
- **BS EN 28674:** Hexagon high nuts, with metric fine pitch thread,; (Grade A and B),
- **BS EN 28673:** Hexagon nuts, with metric fine pitch thread, style 1 (Grade A and B),
- **BS EN 24035:** Low hexagonal nut with a chamfer (Grade A and B),
- **BS EN 28675:** Hexagon thin nuts, chamfered. (Grade A and B),
- **BS 4320** Plain washer.



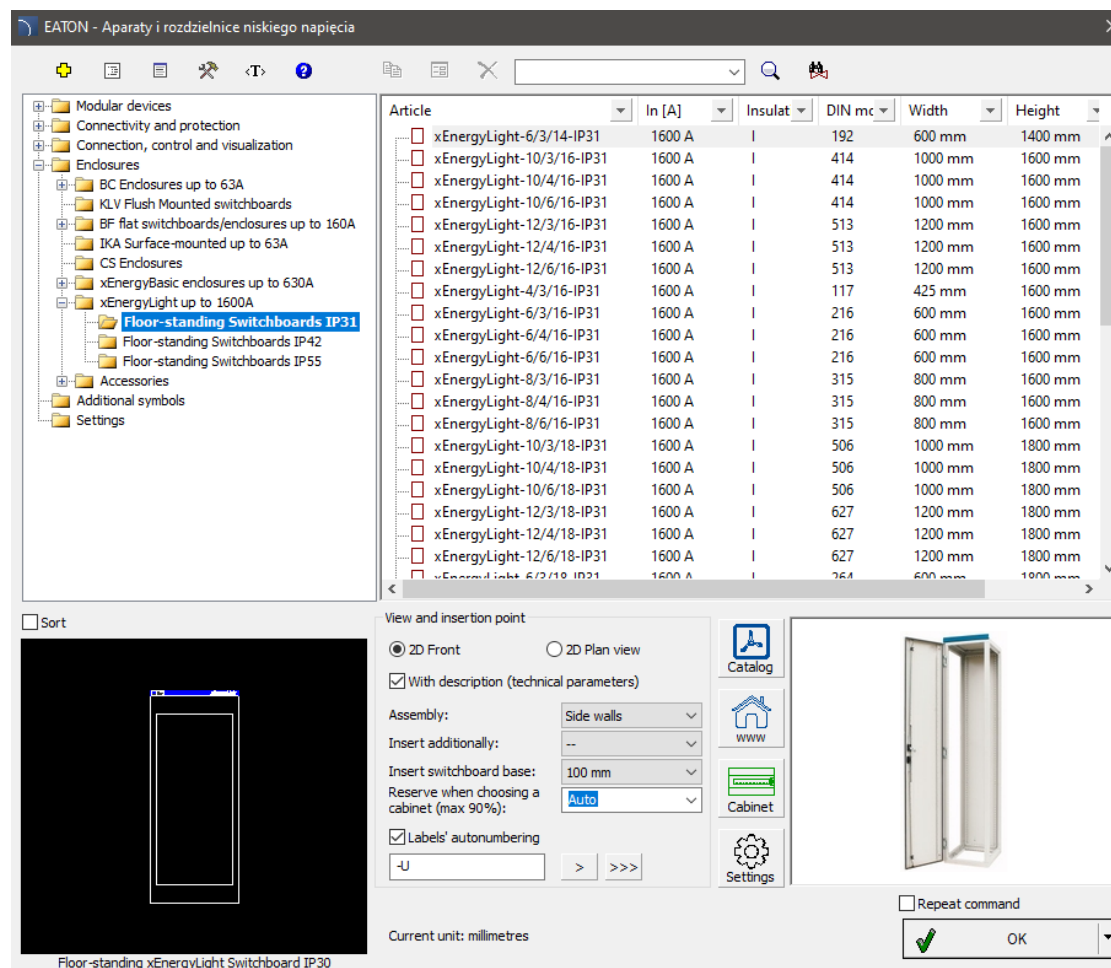
✓ CADprofi – extension of Eaton product libraries

EATON library has been extended with additional enclosures:

- xEnergyBasic up to 630A (floor-standing switchboards IP30 and IP55),
- xEnergyLight do 1600A (floor-standing switchboards IP31, IP42 and IP55),
- accessories to xEnergyBasic and xEnergyLight.



In the new version of the program, the dialog box of floor-standing switchgears *xEnergyBasic* and *xEnergyLight* has been extended with additional selection lists specifying the assembly method, plinth type or a variant with a door view.



The screenshot shows the CADprofi software interface with the Eaton library expanded. The left pane shows a tree view of the library structure, with 'Floor-standing Switchboards IP31' selected. The main pane displays a table of available articles with their technical specifications.

Article	In [A]	Insulat	DIN mc	Width	Height
<input type="checkbox"/> xEnergyLight-6/3/14-IP31	1600 A		192	600 mm	1400 mm
<input type="checkbox"/> xEnergyLight-10/3/16-IP31	1600 A		414	1000 mm	1600 mm
<input type="checkbox"/> xEnergyLight-10/4/16-IP31	1600 A		414	1000 mm	1600 mm
<input type="checkbox"/> xEnergyLight-10/6/16-IP31	1600 A		414	1000 mm	1600 mm
<input type="checkbox"/> xEnergyLight-12/3/16-IP31	1600 A		513	1200 mm	1600 mm
<input type="checkbox"/> xEnergyLight-12/4/16-IP31	1600 A		513	1200 mm	1600 mm
<input type="checkbox"/> xEnergyLight-12/6/16-IP31	1600 A		513	1200 mm	1600 mm
<input type="checkbox"/> xEnergyLight-4/3/16-IP31	1600 A		117	425 mm	1600 mm
<input type="checkbox"/> xEnergyLight-6/3/16-IP31	1600 A		216	600 mm	1600 mm
<input type="checkbox"/> xEnergyLight-6/4/16-IP31	1600 A		216	600 mm	1600 mm
<input type="checkbox"/> xEnergyLight-6/6/16-IP31	1600 A		216	600 mm	1600 mm
<input type="checkbox"/> xEnergyLight-8/3/16-IP31	1600 A		315	800 mm	1600 mm
<input type="checkbox"/> xEnergyLight-8/4/16-IP31	1600 A		315	800 mm	1600 mm
<input type="checkbox"/> xEnergyLight-8/6/16-IP31	1600 A		315	800 mm	1600 mm
<input type="checkbox"/> xEnergyLight-10/3/18-IP31	1600 A		506	1000 mm	1800 mm
<input type="checkbox"/> xEnergyLight-10/4/18-IP31	1600 A		506	1000 mm	1800 mm
<input type="checkbox"/> xEnergyLight-10/6/18-IP31	1600 A		506	1000 mm	1800 mm
<input type="checkbox"/> xEnergyLight-12/3/18-IP31	1600 A		627	1200 mm	1800 mm
<input type="checkbox"/> xEnergyLight-12/4/18-IP31	1600 A		627	1200 mm	1800 mm
<input type="checkbox"/> xEnergyLight-12/6/18-IP31	1600 A		627	1200 mm	1800 mm
<input type="checkbox"/> xEnergyLight-6/2/18-IP31	1600 A		254	600 mm	1900 mm

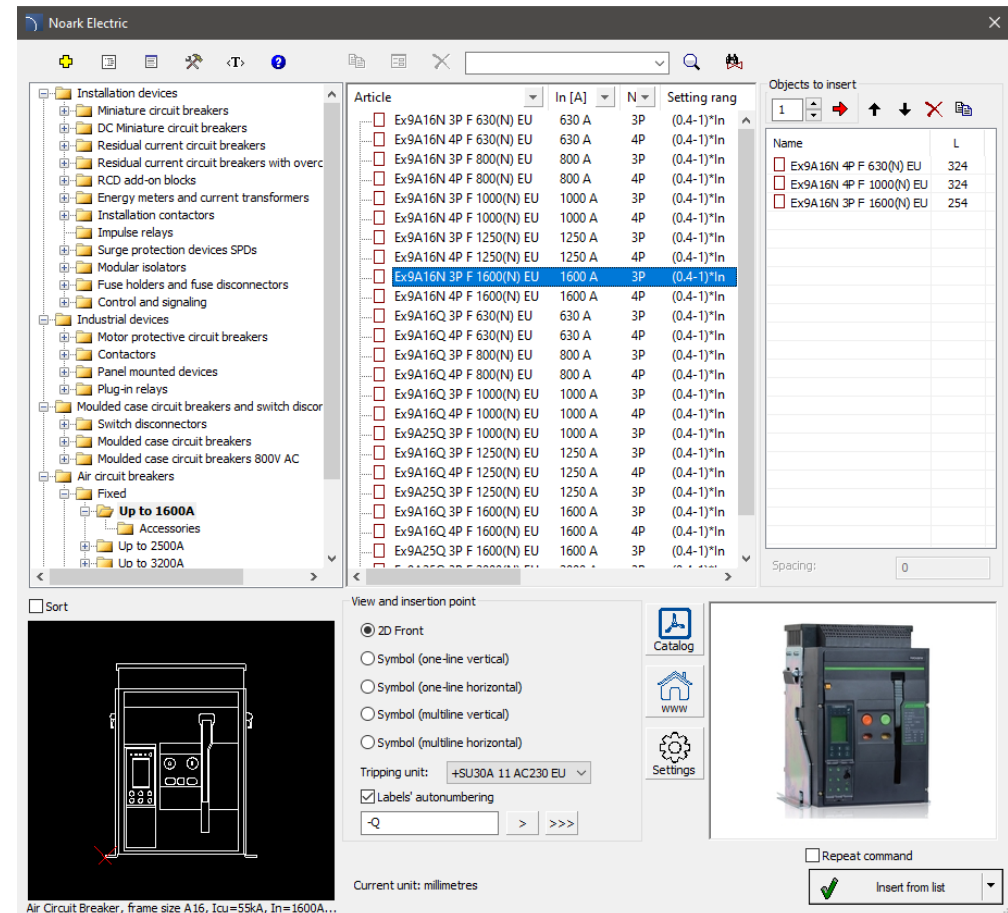
The dialog box at the bottom shows the 'View and insertion point' settings for the selected item. It includes options for '2D Front' view, 'With description (technical parameters)', and various assembly parameters like 'Side walls', 'Insert additionally', 'Insert switchboard base', and 'Reserve when choosing a cabinet'. A 3D model of the switchboard is shown on the right.

✓ CADprofi – extension of Noark Electric product libraries

Noark Electric library has been updated and extended with:

- slim type overcurrent circuit breakers,
- overcurrent circuit breakers for PV applications,
- single-module electronic residual current devices with overcurrent protection,
- modular bells,
- control clocks,
- dusk and stair switches,
- plug-in, timer monitoring relays,
- control cassettes,
- power supplies,
- installation contactors with the possibility of manual control,
- miniature reversing contactors,
- industrial reversing contactors,
- energy meters,
- compact air circuit breakers,
- compact disconnectors,
- accessories for installation devices, industrial apparatus and power switches.

In addition, the product library dialog windows were completely rebuilt, a new classification tree layout was created, real views of devices were added, and personalized technical and identification data of the products were adapted to device series.





CADprofi

✓ Update of product libraries





CADprofi

✓ CADprofi – extension of Noark Electric product libraries

Program CADprofi 2023.12 is adapted to work with latest versions of programs CAD, w tym: ARES Mechanical 2024, INTERsoft - INTELLICAD 2023, ZWCAD2024, CADdirect 2024 and AviCAD 2024.

Program CADprofi 2023 works with many programs CAD, eg.: AutoCAD (from version 2004), BricsCAD, GstarCAD, IntelliCAD, progeCAD, ZWCAD, ARES Commander 2024 and other.

The logo for AutoCAD, featuring the word 'AutoCAD' in a bold, red, sans-serif font.

The logo for ZWCAD, featuring the word 'ZWCAD' in a bold, blue, sans-serif font with a green leaf-like graphic above the 'W'.

The logo for GstarCAD, featuring the word 'GstarCAD' in a bold, blue and yellow, sans-serif font, with the tagline 'An Alternative CAD System' below it.

The logo for BRICSCAD, featuring a stylized blue 'B' shape above the word 'BRICSCAD' in a bold, black, sans-serif font.

The logo for progeSOFT, featuring a blue globe with a yellow 'I' shape above the word 'progeSOFT' in a bold, blue, sans-serif font.

The logo for IntelliCAD, featuring a purple diamond shape with a yellow 'I' shape inside, above the word 'IntelliCAD' in a bold, purple, sans-serif font.

The logo for Gräbert ARES Commander, featuring a red flame-like graphic above the word 'Gräbert' in a small, black, sans-serif font, and 'ARES® Commander' in a large, bold, black, sans-serif font.



CADprofi



CADprofi 2023.09

✓ CADprofi – dynamic connections between objects

Dynamic connections between objects have been introduced in CADprofi, which allows for mutual interaction, and changing one object may affect others. This allows user to automatically and instantly update the related object after any edit.

Examples:

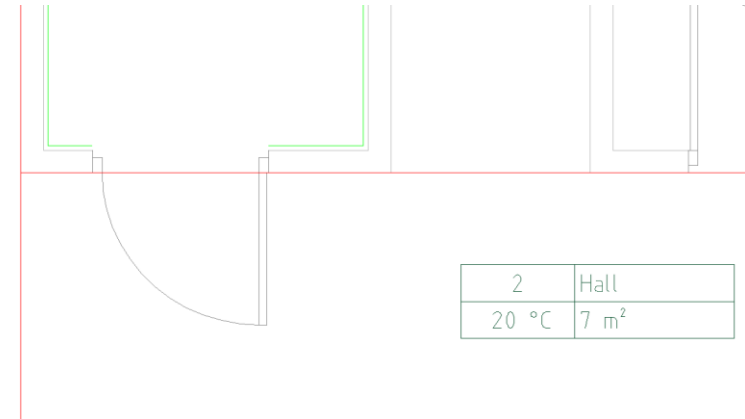
- changing the area of the room outline will automatically update the room descriptions associated with it,
- changing the reference point will automatically update the level marks associated with it.

Dynamic object connections are available in the latest versions of AutoCAD, BricsCAD, GstarCAD, and ZWCAD.



[Watch movie](#)

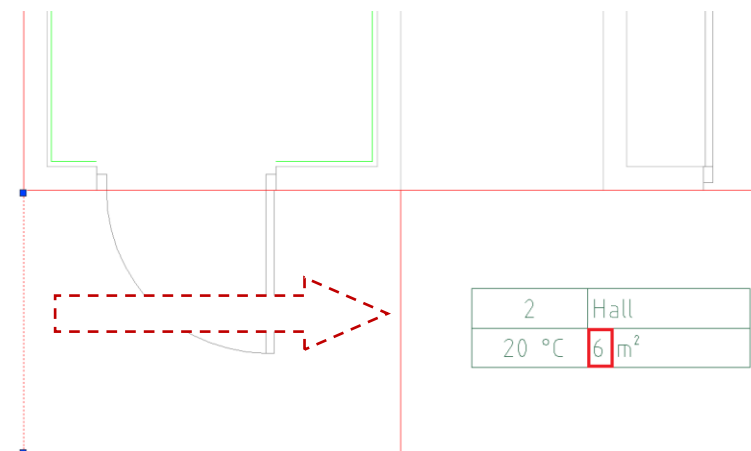
5	Saloon
20 °C	29 m ²



2	Hall
20 °C	7 m ²




5	Saloon
20 °C	28 m ²



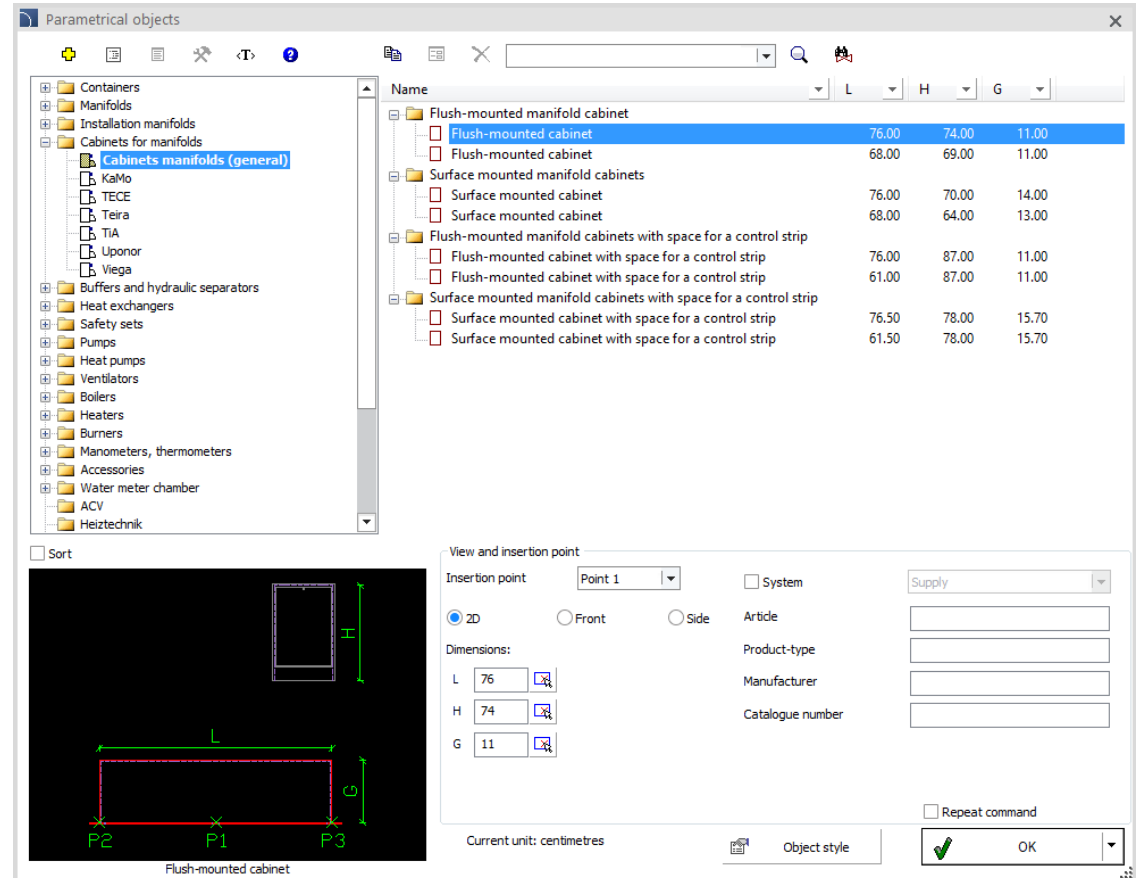
2	Hall
20 °C	6 m ²

✓ CADprofi HVAC & Piping – cabinets for installation manifolds

Objects  command has been extended with surface and flush cabinets for installation manifolds (e.g. for central heating, radiator, floor, tap water, etc.). Cabinets from the following manufacturers are available:

- KaMo,
- TECE,
- Teira,
- TiA,
- Uponor,
- Viega.

The command also includes general cabinets for manifolds, which allow the designer to quickly and easily modify dimensions and create his own type of series of products from selected manufacturers.



Parametrical objects

Name	L	H	G
Flush-mounted manifold cabinet			
Flush-mounted cabinet	76.00	74.00	11.00
Flush-mounted cabinet	68.00	69.00	11.00
Surface mounted manifold cabinets			
Surface mounted cabinet	76.00	70.00	14.00
Surface mounted cabinet	68.00	64.00	13.00
Flush-mounted manifold cabinets with space for a control strip			
Flush-mounted cabinet with space for a control strip	76.00	87.00	11.00
Flush-mounted cabinet with space for a control strip	61.00	87.00	11.00
Surface mounted manifold cabinets with space for a control strip			
Surface mounted cabinet with space for a control strip	76.50	78.00	15.70
Surface mounted cabinet with space for a control strip	61.50	78.00	15.70

View and insertion point

Insertion point: Point 1 System Supply

2D Front Side

Article:

Product-type:

Manufacturer:

Catalogue number:

Dimensions:

L:

H:


G:


Repeat command

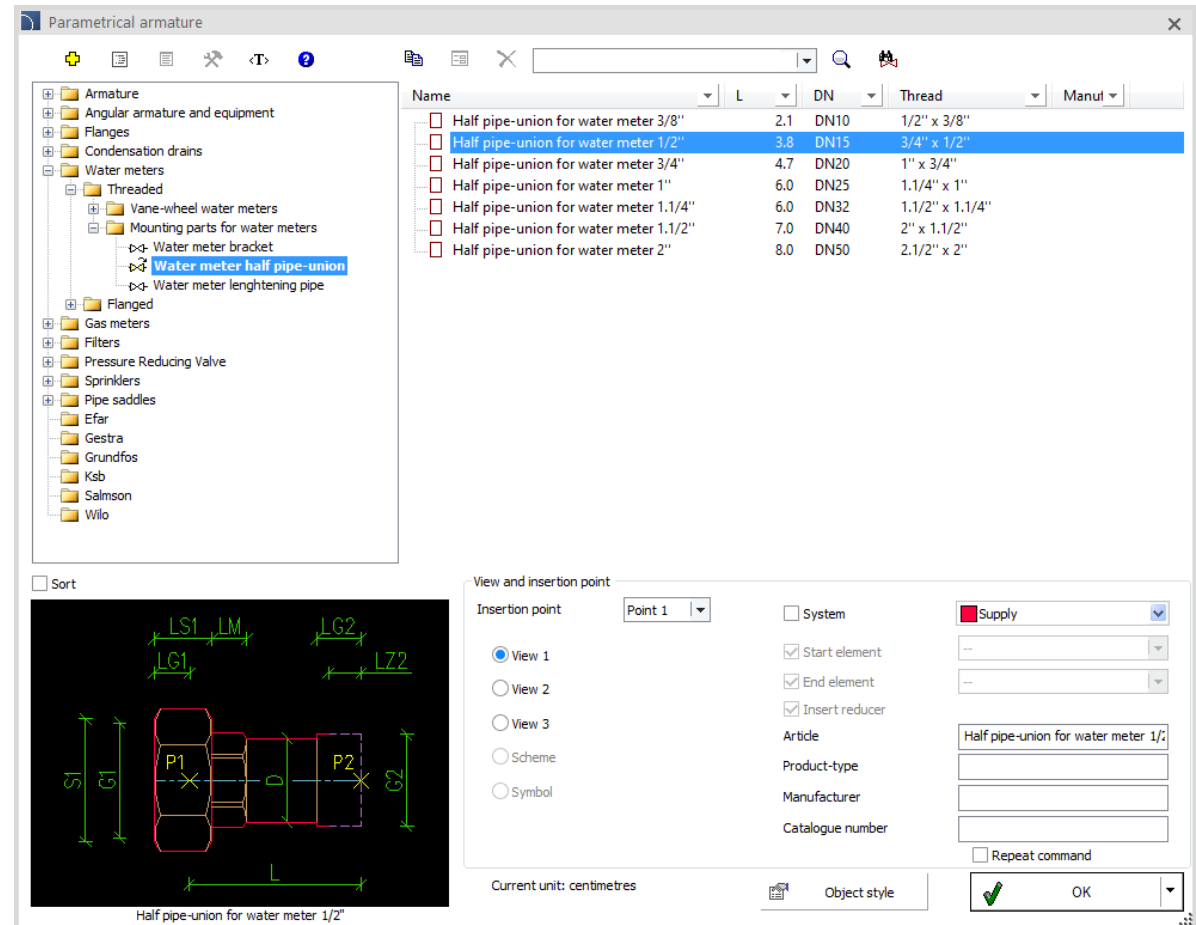
Current unit: centimetres

Flush-mounted cabinet

✓ CADprofi HVAC & Piping – water meters half pipe-unions and lengthening pipes

Parametrical armature  command has been extended with *water meters half pipe-unions* and *water meters lengthening pipes*.

Additionally the *Parametrical armature*  command has been extended with new types of threaded armature, including *angle and straight butterfly valves*.



The screenshot shows the 'Parametrical armature' software interface. On the left is a tree view of the armature library, with 'Water meter half pipe-union' selected. In the center is a table listing various armature items with their dimensions and specifications. On the right is a configuration panel for the selected item, including options for insertion point, view, and system, along with a preview of the selected item.

Name	L	DN	Thread	Manul
Half pipe-union for water meter 3/8"	2.1	DN10	1/2" x 3/8"	
Half pipe-union for water meter 1/2"	3.8	DN15	3/4" x 1/2"	
Half pipe-union for water meter 3/4"	4.7	DN20	1" x 3/4"	
Half pipe-union for water meter 1"	6.0	DN25	1.1/4" x 1"	
Half pipe-union for water meter 1.1/4"	6.0	DN32	1.1/2" x 1.1/4"	
Half pipe-union for water meter 1.1/2"	7.0	DN40	2" x 1.1/2"	
Half pipe-union for water meter 2"	8.0	DN50	2.1/2" x 2"	

View and insertion point

Insertion point: Point 1

System: System Supply

Start element: Start element

End element: End element

Insert reducer: Insert reducer

Article: Half pipe-union for water meter 1/2"

Product-type:

Manufacturer:

Catalogue number:

Repeat command: Repeat command


Current unit: centimetres

Object style:

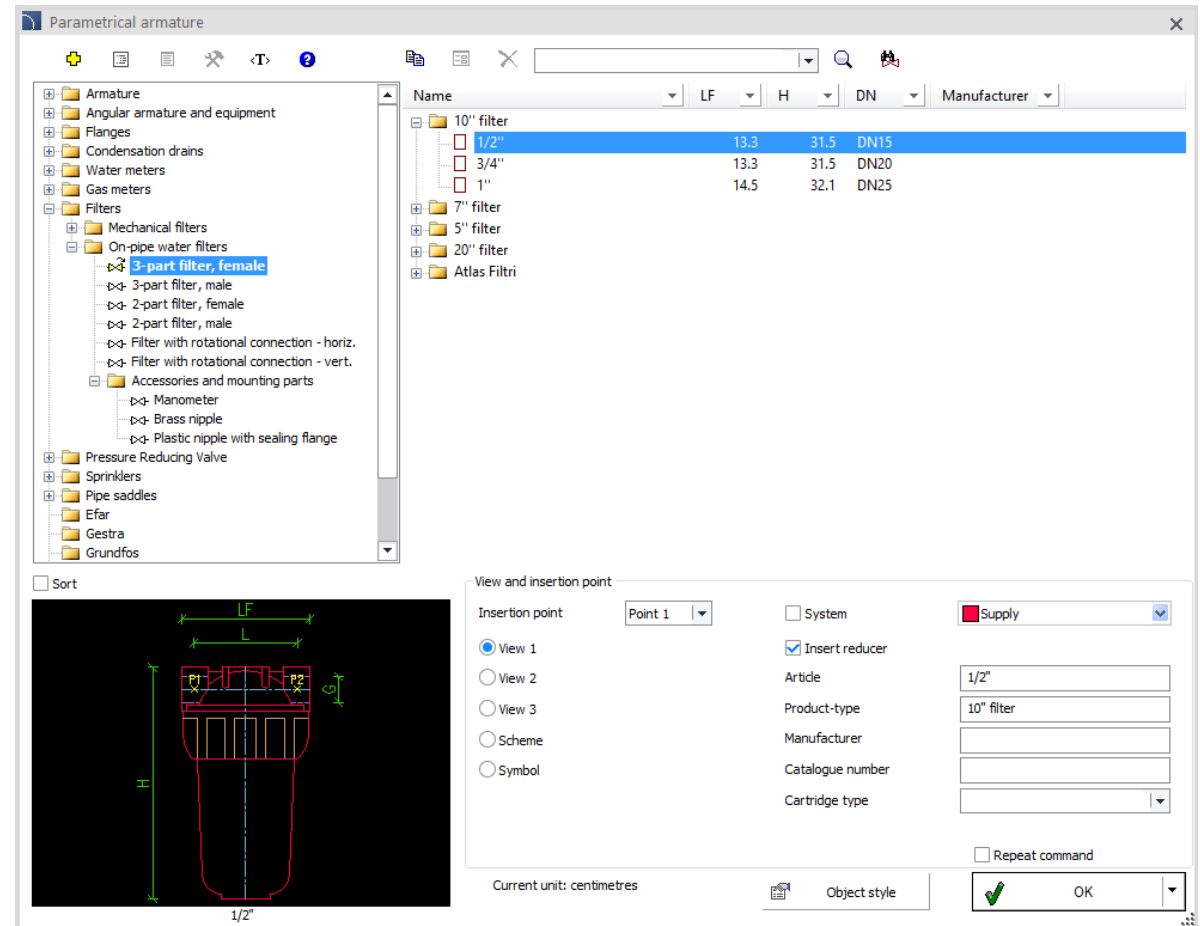
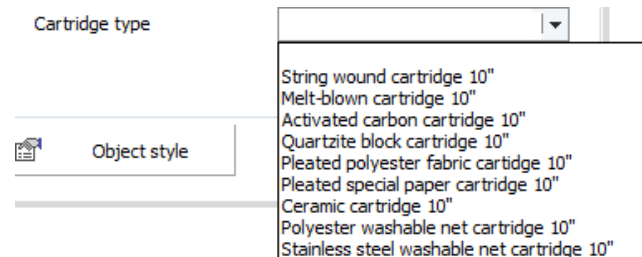
OK

Half pipe-union for water meter 1/2"

✓ CADprofi HVAC & Piping – on-pipe water filters

Parametrical armature  command has been extended with *on-pipe water filters* together with accessories and mounting elements.


Filters have the ability to quickly select predefined filter cartridges, such as: string filter, carbon filter, ceramic filter, etc.



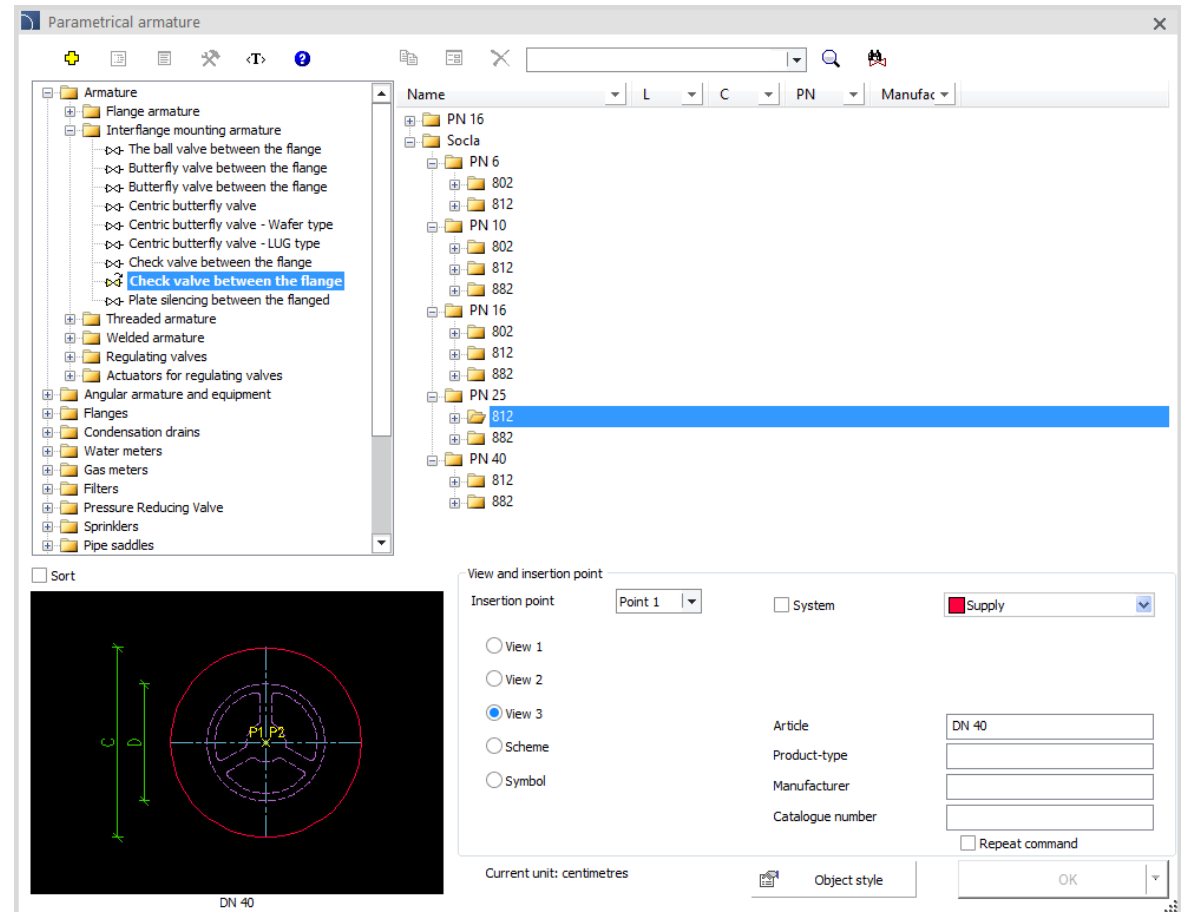
✓ CADprofi HVAC & Piping – interflange mounting armature

Parametrical armature  command has been extended with SOCLA company valves.



Additionally the *Parametrical armature*  command has been extended with centric butterfly valves, including:

- Centric butterfly valve – Wafer type,
- Centric butterfly valve – LUG type.

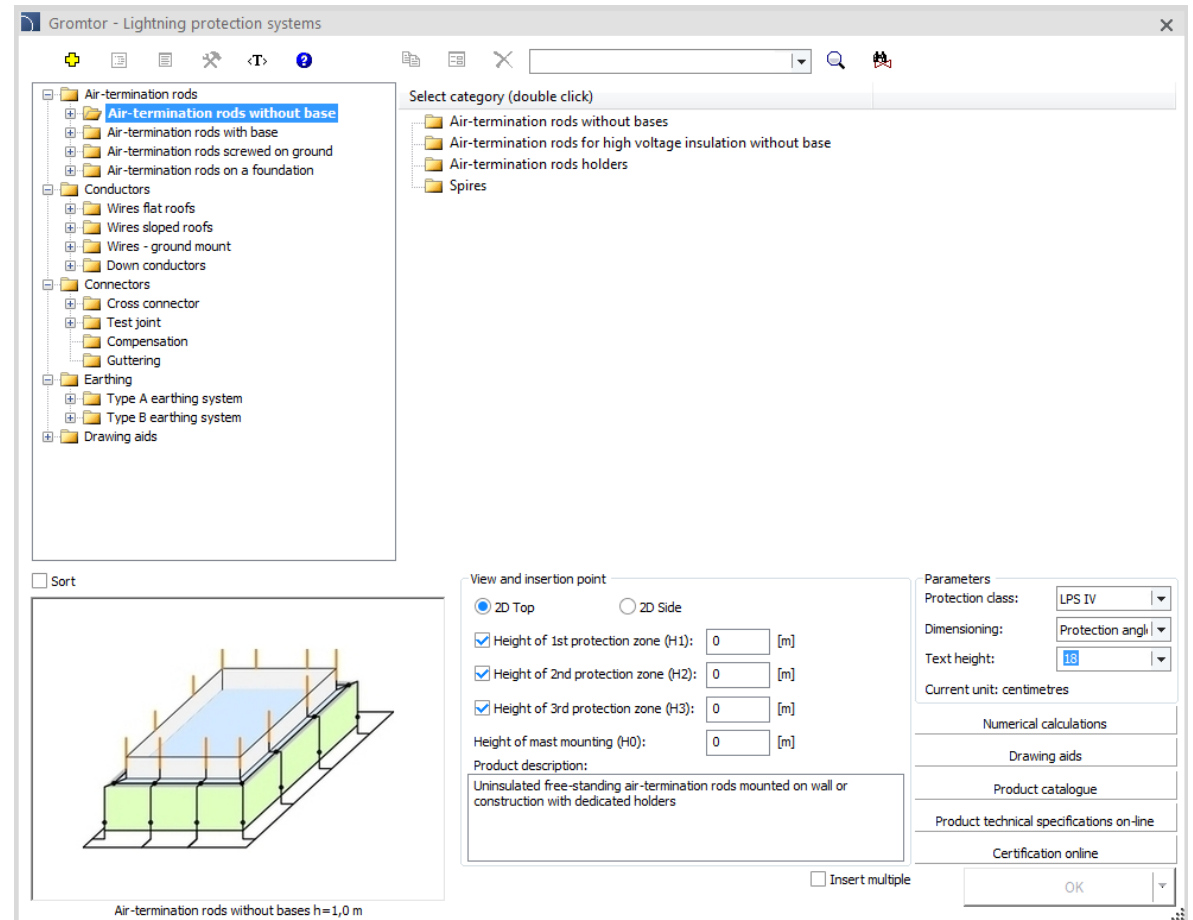


✓ CADprofi OEM – new Gromtor library

A system for designing lightning protection systems by using *Gromtor* products has been introduced to the CADprofi program. The library includes:

- masts and spiers,
- lightning wires, insulating wires,
- various types of joints (cross, control, gutter, etc.),
- type A (pin) and type B (hoop iron) earthing systems,
- additional drawing aids,
- dimensioning of protection zones by using the cone and rolling sphere method.

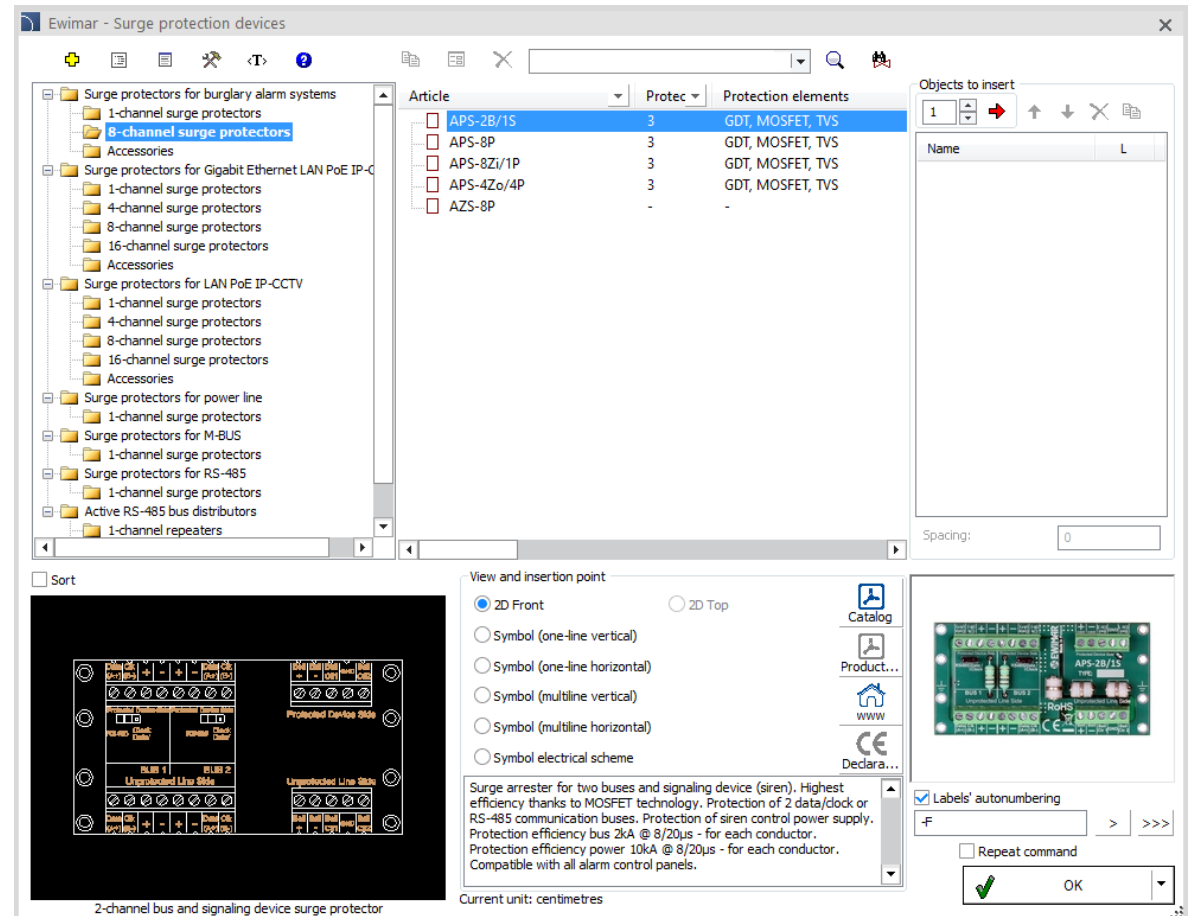
Gromtor CAD program has received an award at the Elektrotechnika 2023 Fair in the category "Best product of the Fair".



✓ CADprofi OEM – new Ewimar library

A library of *Ewimar* surge protection devices has been added to CADprofi. The library includes:

- Surge protectors for burglary alarm systems (1 and 8 channel) with accessories.
- Surge protectors for Gigabit Ethernet LAN (1, 4, 8 and 16 channel) with accessories.
- Surge protectors for LAN (1, 4, 8 and 16 channel) with accessories.
- Surge protectors for power line (1 channel).
- Surge protectors for M-BUS (1 channel).
- Surge protectors for RS-485 (1 channel).
- Active RS-485 bus distributors (1 and 4 channel repeaters).



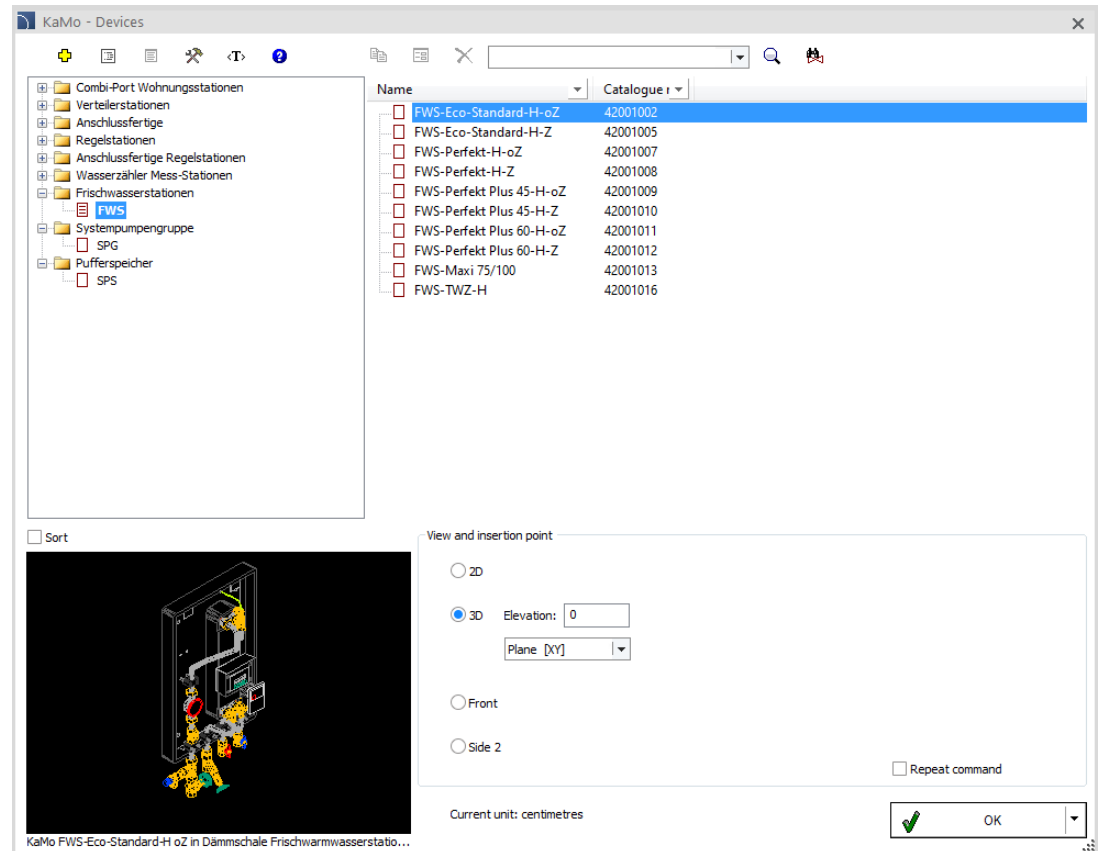


CADprofi

✓ CADprofi OEM – extension of KaMo library

KaMo library has been extended with the following products:

- Fresh water stations (FWS-Eco-Standard, FWS-Perfekt, FWS-Perfect Plus, FWS-Maxi, FWS-TWZ).
- Pump groups (SPG 32 – M4, M6, M10, TM, UM).
- Buffer tanks (SPS - 500, 750, 1000, 1500, 200).



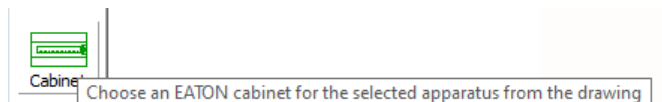
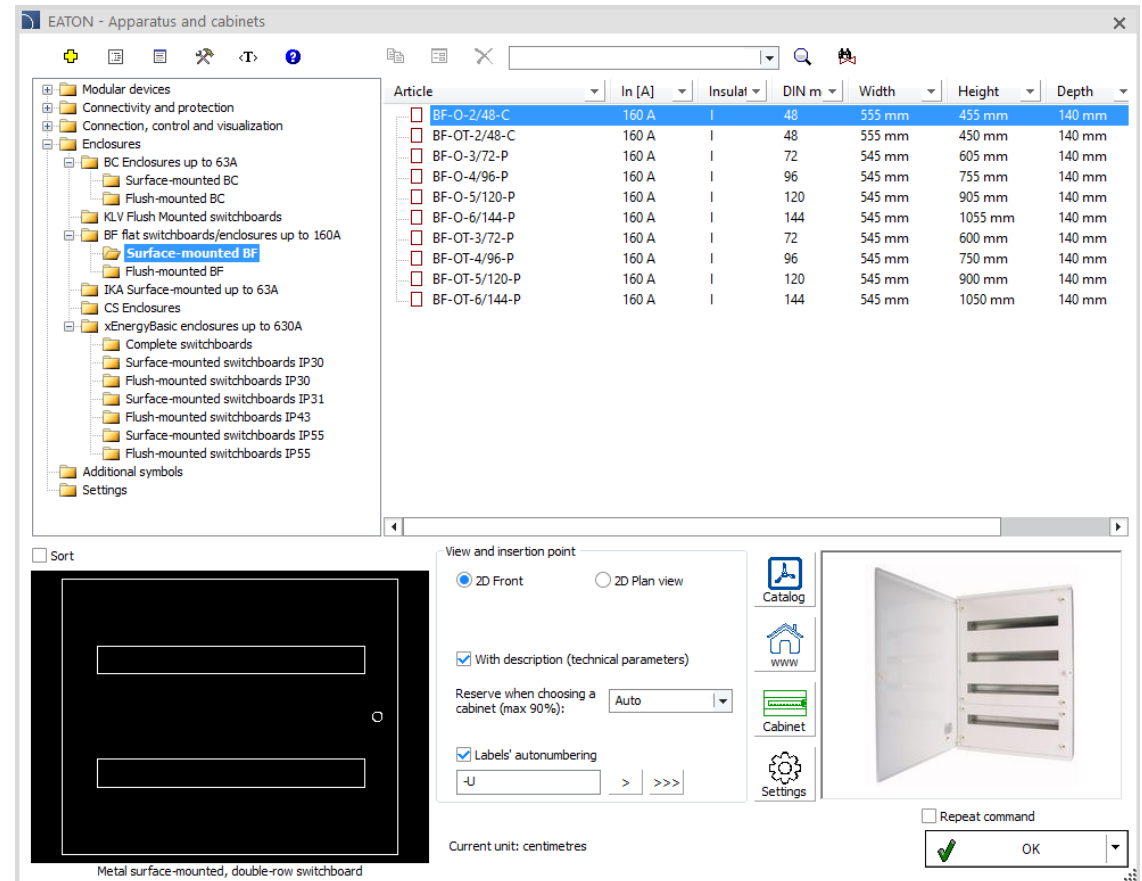
✓ CADprofi OEM – extension of EATON library

EATON library has been extended with the following products:

- BC enclosures up to 63A (surface and flush mounted).
- KLV flush mounted switchboards.
- IKA surface mounted up to 63A.
- BF flat switchboards/enclosures up to 160A (surface and flush mounted).
- CS enclosures.
- xEnergyBasic enclosures up to 630A (complete switchboards, surface mounted – IP30, IP31, IP55, flush mounted – IP30, IP43, IP55).



In addition, the library has been extended with the option of selecting the appropriate cabinet based on the apparatus selected from the drawing.

Article	In [A]	Insulat	DIN m	Width	Height	Depth
BF-O-2/48-C	160 A	I	48	555 mm	455 mm	140 mm
BF-OT-2/48-C	160 A	I	48	555 mm	455 mm	140 mm
BF-O-3/72-P	160 A	I	72	545 mm	605 mm	140 mm
BF-O-4/96-P	160 A	I	96	545 mm	755 mm	140 mm
BF-O-5/120-P	160 A	I	120	545 mm	905 mm	140 mm
BF-O-6/144-P	160 A	I	144	545 mm	1055 mm	140 mm
BF-OT-3/72-P	160 A	I	72	545 mm	600 mm	140 mm
BF-OT-4/96-P	160 A	I	96	545 mm	750 mm	140 mm
BF-OT-5/120-P	160 A	I	120	545 mm	900 mm	140 mm
BF-OT-6/144-P	160 A	I	144	545 mm	1050 mm	140 mm

View and insertion point
 2D Front 2D Plan view
 With description (technical parameters)
 Reserve when choosing a cabinet (max 90%): Auto
 Labels' autonumbering
 -U > >>>
 Current unit: centimetres
 Repeat command
 OK

Metal surface-mounted, double-row switchboard



CADprofi

✓ Update of product libraries:





CADprofi

✓ Adjustment to many base CAD programs

CADprofi 2023.09 has been adjusted to work with latest CAD programs, including: AutoCAD 2024, Ares Commander 2024, CADian 2023, CMS IntelliCAD 11.1 and progeCAD 2024.

CADprofi 2023 currently works with many base CAD programs including: AutoCAD (od wersji 2004), BricsCAD, GstarCAD, IntelliCAD, progeCAD, ZWCAD, ARES Commander and others.

The logo for AutoCAD, with the word "AutoCAD" in a bold, red, sans-serif font.

The logo for ZWCAD, with the word "ZWCAD" in a bold, blue, sans-serif font. The "W" has a green leaf-like shape above it.

The logo for GstarCAD, with "Gstar" in blue and "CAD" in yellow. Below it, the text "An Alternative CAD System" is written in a smaller blue font.

The logo for BricsCAD, featuring a stylized blue "B" shape above the word "BRICSCAD" in a bold, black, sans-serif font.

The logo for progeSOFT, featuring a blue globe with a yellow "I" shape inside, above the text "progeSOFT" in a blue, sans-serif font.

The logo for IntelliCAD, featuring a purple diamond shape with a yellow "I" shape inside, above the word "IntelliCAD" in a bold, purple, sans-serif font.

The logo for Gräbert ARES Commander, featuring a red, flame-like graphic on the left, the word "Gräbert" in a small black font, and "ARES® Commander" in a large, bold, black, sans-serif font.



CADprofi



CADprofi 2023

Summary of main changes made in the program
since the CADprofi 2022.01 version



CADprofi

Table of contents:

- [What's new in the program?](#)
- [General functions \(all modules\)](#)
- [CADprofi Architectural](#)
- [CADprofi Electrical](#)
- [CADprofi HVAC & Piping](#)
- [CADprofi Mechanical](#)
- [Product library](#)
- [Compatibility with CAD programs](#)


✓ What's new in CADprofi 2023?

- Extended functionality, including:
 - the possibility of quickly converting schematic lines to any 2D-installation using the option to draw along multiple infolines,
 - extended functioning of the following commands: *Attributes and Descriptions, Isolate..., Divide..., Flanges of general elements* and *Bill of Materials*,
 - new drawing styles by polyline in schematic lines,
 - additional automatic markings and letter numbering,
 - simplified selection of pipe diameters, thanks to calculation of flow velocities.
- Extension of object libraries, including:
 - central vacuum cleaning systems (HVAC & Piping),
 - additional parametric objects (Architectural, HVAC & Piping, Mechanical, Electrical),
 - additional duct types (HVAC & Piping),
 - extended catalog of wall types and wall culverts (Architectural),
 - selection of mounting panel based on apparatus (Electrical).
- New and updated product libraries (e.g. ABB, BCS, EATON, Elko-Bis, Hager, Reflex).
- Compatibility with the latest versions of CAD programs.





✓ CADprofi – additional options for working with attributes

An enhanced attribute management has been introduced to CADprofi. It is now possible to individually or collectively set the height, visibility and text style of individual attributes, as well as to simultaneously change attribute data or options for multiple objects at once. It is also possible to assign and get data and properties for individual attributes. All these functions are now available in the *Attributes and descriptions*  command.

Attributes	Data	Text height	Visibility	Text style
Name	Selective main line circuit breaker	--		--
Number		--		--
Group		--		--
Characteristics		1.8		CP_ELATT
Link		1.8		CP_ELATT_IT
Product-type		--		--
Power		--		--
Voltage		--		--
El-Status		--		--
Current I		--		--
Ingress Protection		--		--
Catalogue number		--		--
Manufacturer		1.8		CP_ELATT
Article 1		1.8		CP_ELATT
Function		1.8		CP_ELATT
Article		1.8		CP_ELATT
Article 2		1.8		CP_ELATT
Label	-F	2.5		CP_ELATT
Other		1.8		CP_ELATT

Show all attributes

Text inserting options

Scale: 1 : Rotate text

Height: Add attribute name

Text style: Draw frame

Leader

Text style - normal or isometric

Normal


Isometric

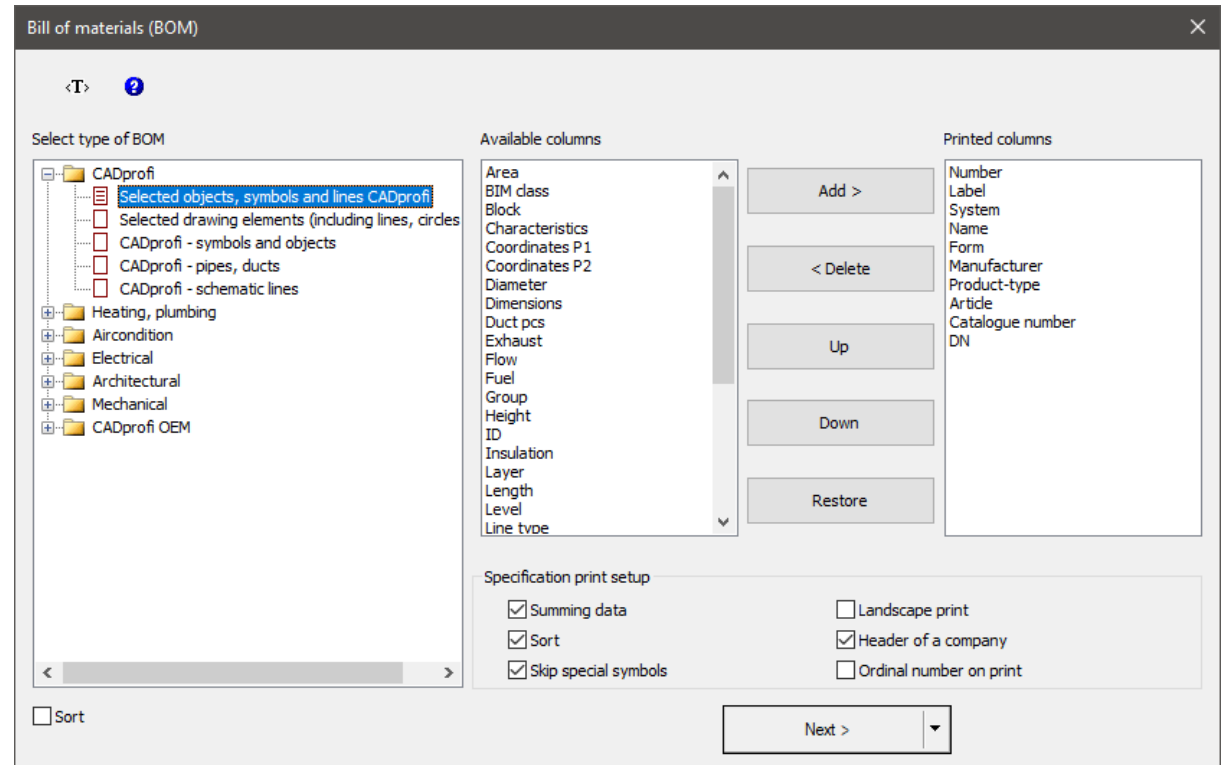
Isometric - turned round



CADprofi

✓ CADprofi – changes in the Bill of materials command

In the *Bill of materials*  command the list of available specifications has been extended. In addition, categories have been introduced in the selection of list types, thanks to which it is easier to select the appropriate type of bill of material. For each list type, program saves the width and arrangement of columns set by the user.

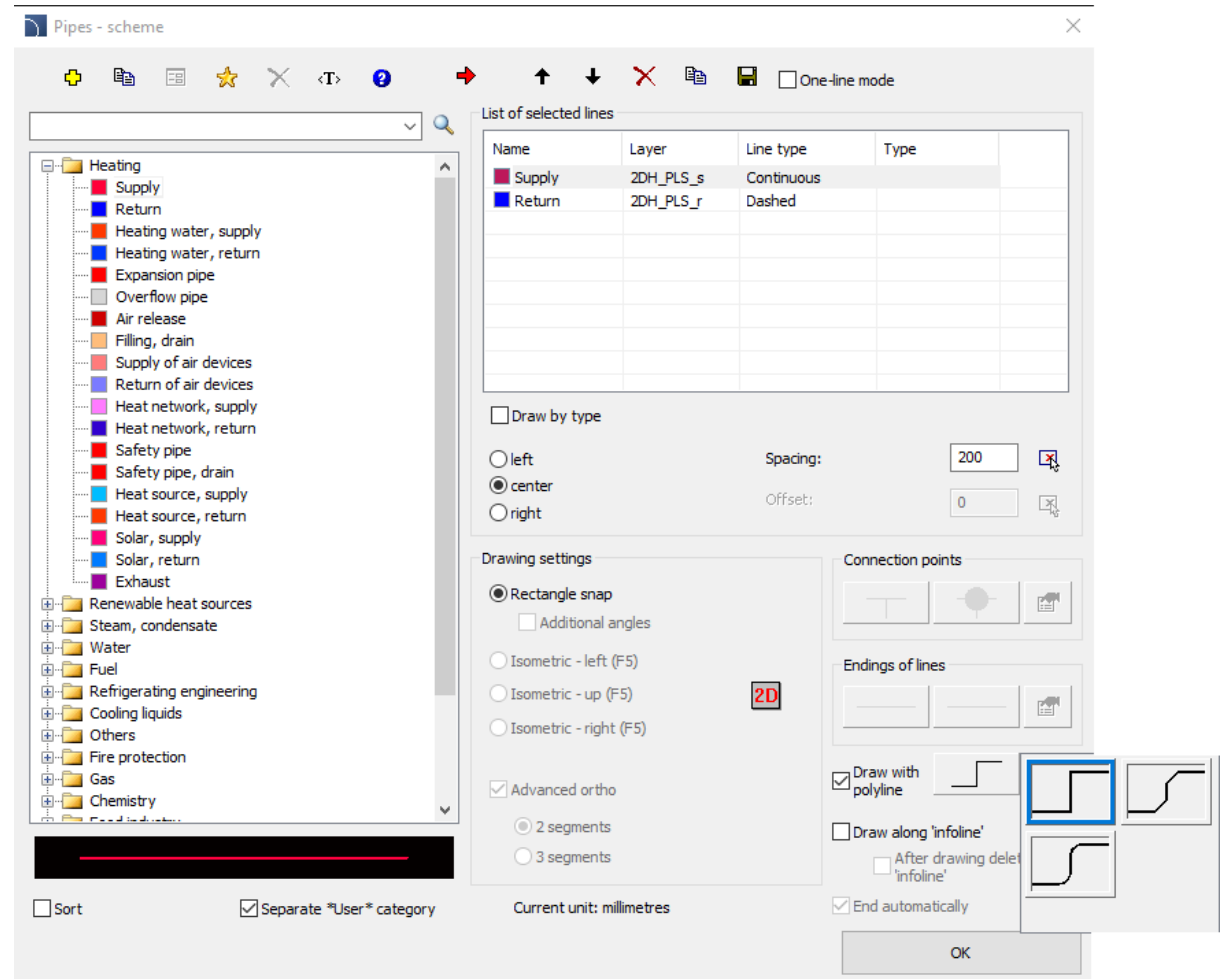


✓ CADprofi – new polyline drawing styles for schematic lines

The possibility of drawing rounded and chamfered polylines for schematic lines has been added to CADprofi.



[Watch movie](#)



List of selected lines

Name	Layer	Line type	Type
Supply	2DH_PLS_s	Continuous	
Return	2DH_PLS_r	Dashed	

Draw by type

left Spacing:

 center Offset:

 right

Drawing settings

Rectangle snap

 Additional angles

Isometric - left (F5)

 Isometric - up (F5)

 Isometric - right (F5)

Advanced ortho

 2 segments

 3 segments

Current unit: millimetres

Connection points

Endings of lines

Draw with polyline

 Draw along 'infoline'

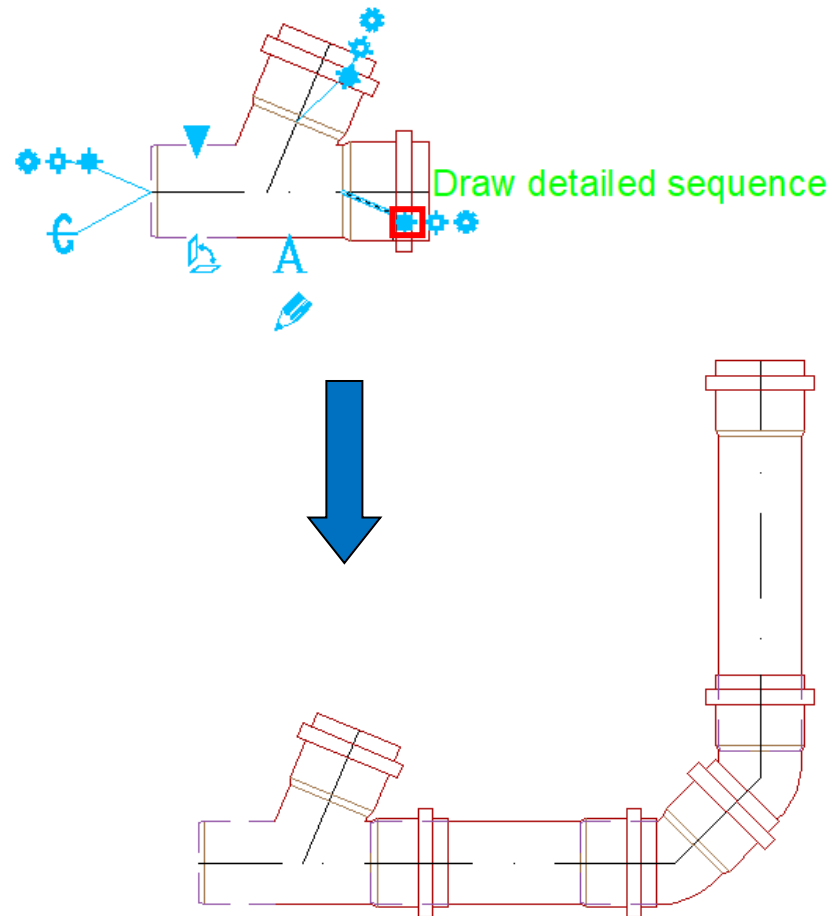
 After drawing delete 'infoline'

 End automatically

OK

✓ CADprofi – Quick edit: drawing pipe sequences in detailed views

New program version allows user to instantly draw pipes in detailed views directly from selected objects. After clicking on the *Draw detailed sequence* mark, a dialog box will be displayed where user can select the type of pipe and define its parameters.

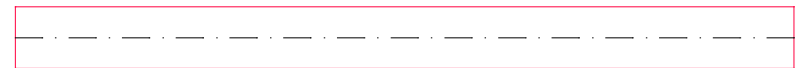
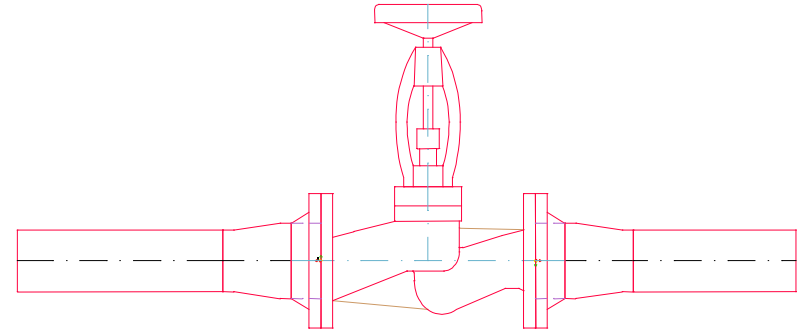




CADprofi

✓ CADprofi – connecting pipes after removing while removing the entire set of armature

CADprofi has so far automatically connected pipes/ducts together when a single, inserted in the pipe object was removed. This functionality has now been extended. When removing an entire set of armature at once, the program examines the proximity of these objects and connects the pipes together.

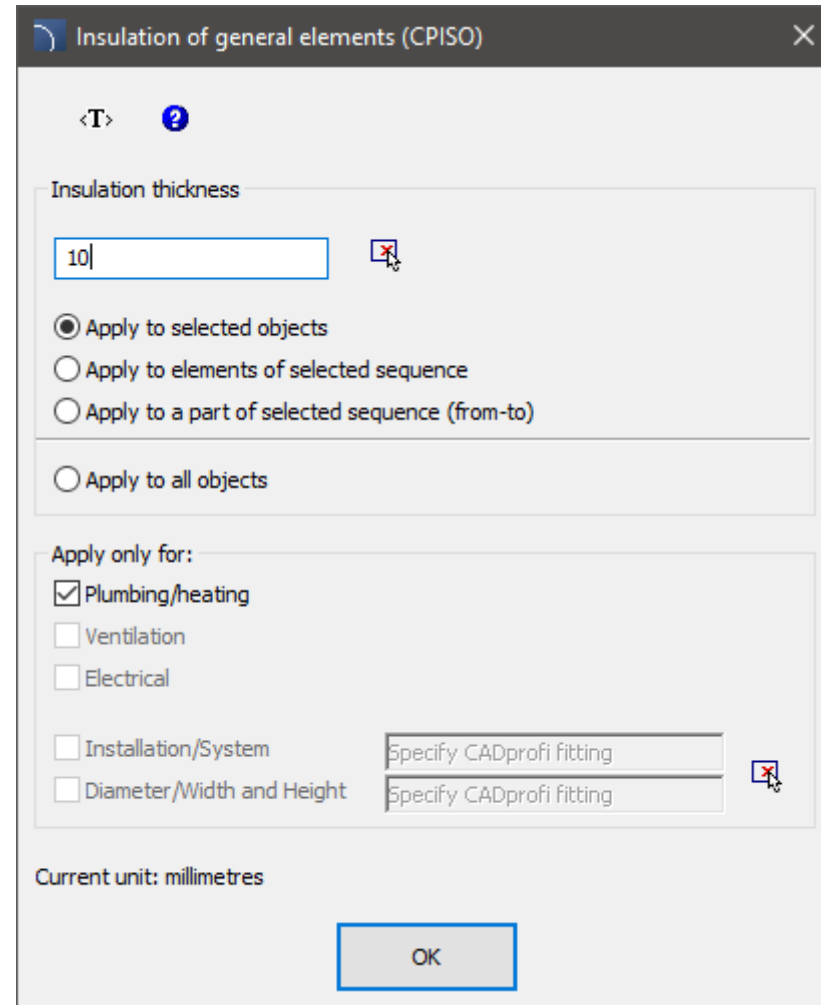




✓ CADprofi – new options for insulating, flanging and splitting

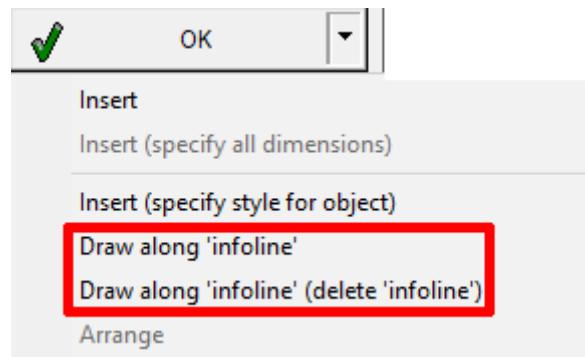
A new way of selecting objects in the insulation, flange and pipes/ducts splitting commands has been added to CADprofi.

Currently, these commands can be applied not only to selected elements, but also to the indicated sequence or its selected fragment.



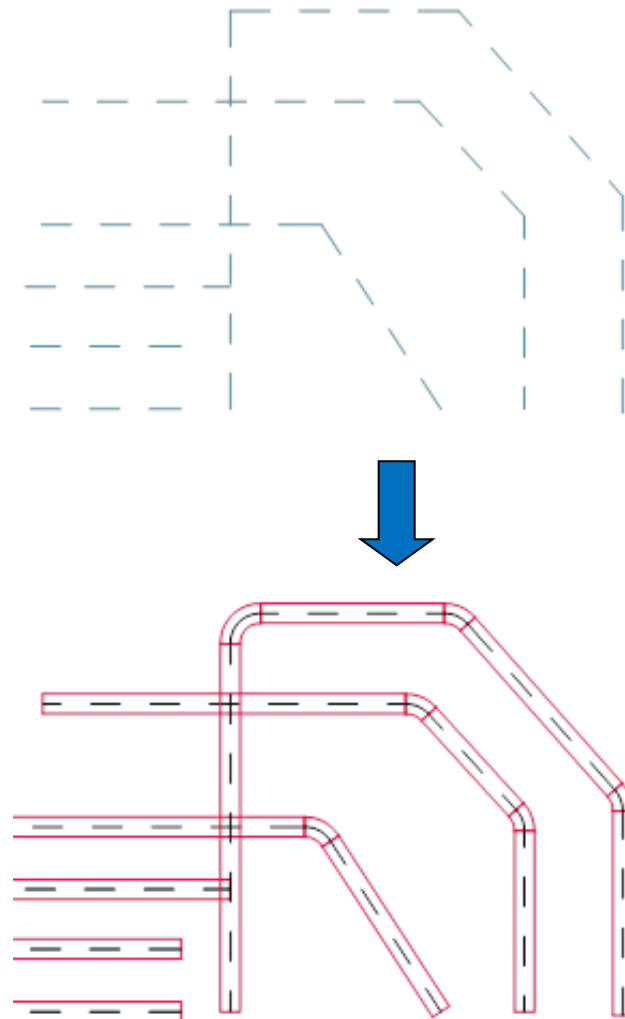
✓ CADprofi – drawing pipes/ducts along multiple infolines

In the program it is now possible to quickly convert schematic lines into any installation in 2D view. Previously it was possible to draw pipes/ducts along "infoline", but only one polyline or one string of lines could be selected. This functionality has now been extended to add the possibility of selecting multiple "infolines" and converting them into installation strings.



Select line or polyline or [Multiple]: Multiple

[Watch movie](#)

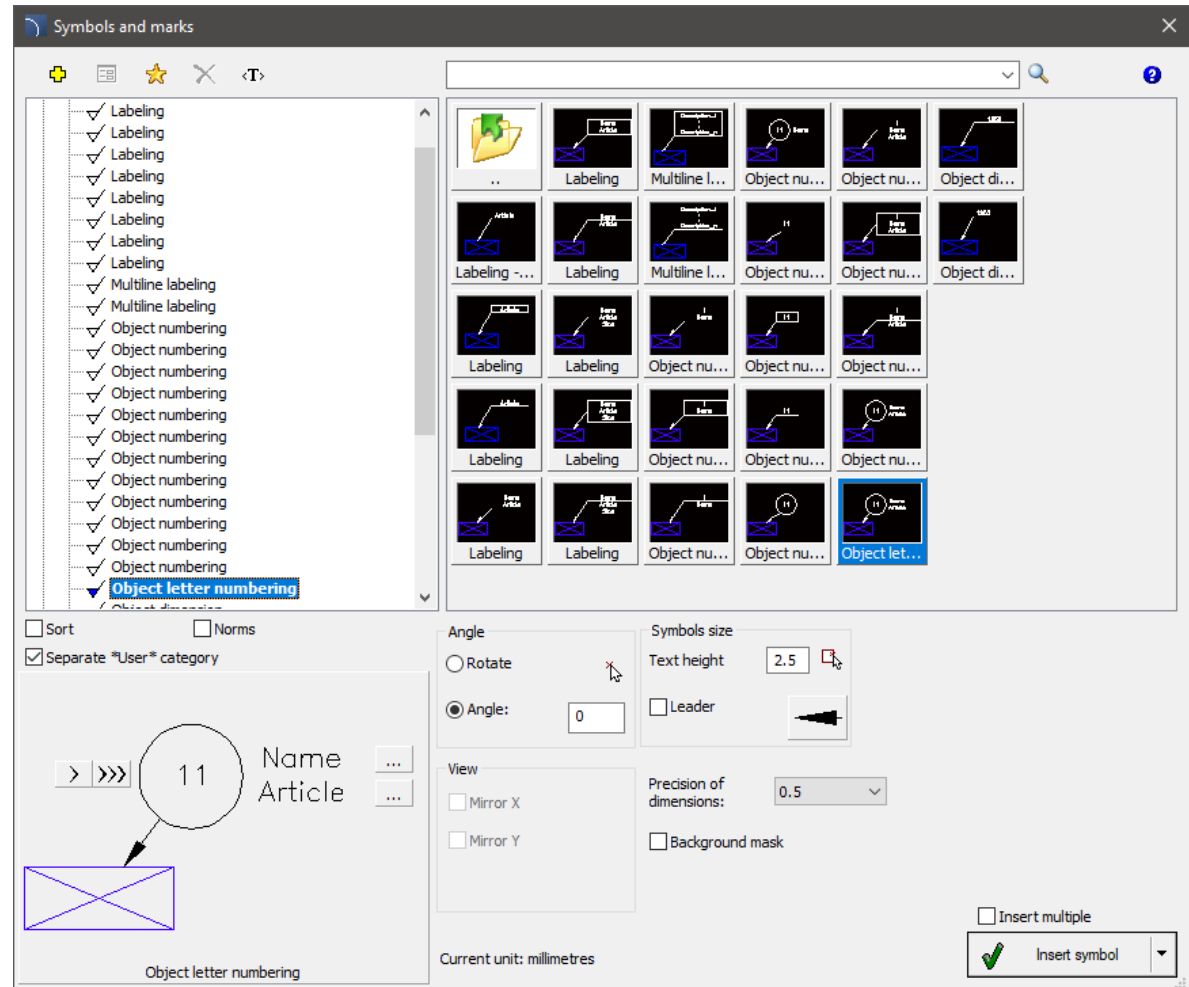
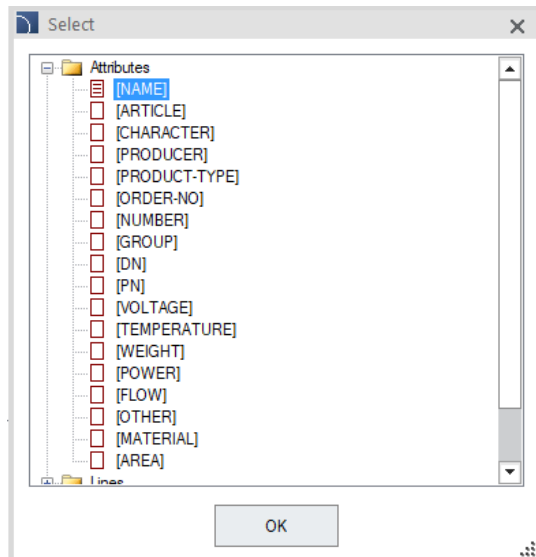


✓ CADprofi – automatic marks and letter numbering

New types of automatic markings have been added to the marking command in all CADprofi modules, and the letter numbering have been introduced.

An additional symbol for letter numbering has been added to the Architectural module, which can be used, for example, for planar grid axis designations.

In addition, the attribute selection basis has been updated.

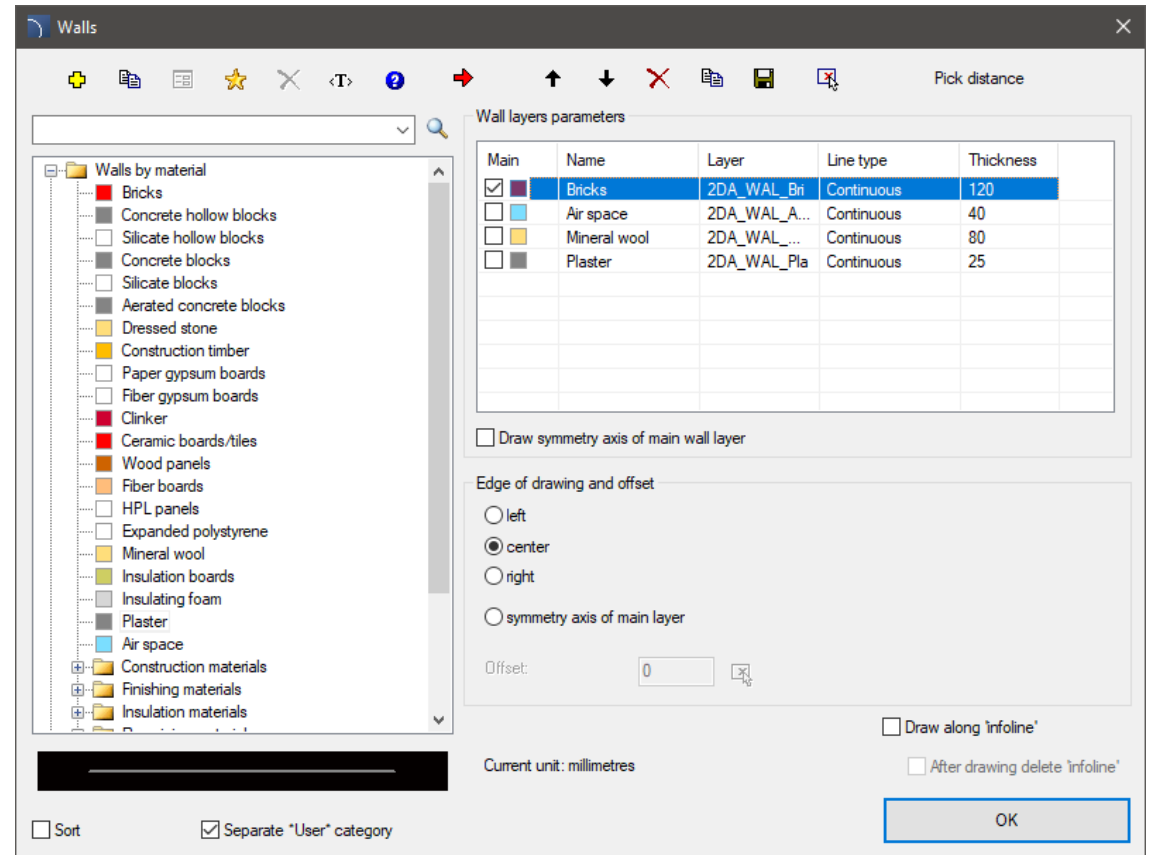


✓ CADprofi Architectural – new and extended wall type catalogs

Standard wall type catalogs, that is available in the program, have been extended with many materials and types of walls/insulations used in construction.

Catalogs have been divided into walls by materials, construction materials, construction purpose and building forms. Examples of the most commonly used structural walls are also included.

The standards used in construction may differ depending on the country/region, so users have the possibility to expand the available catalogs with their own types of walls or create their own catalogs.





CADprofi

✓ CADprofi Architectural – waste containers

A library of waste containers has been added to CADprofi Architectural.

The screenshot shows the 'Building elements' window in CADprofi Architectural. The left pane displays a tree view of the library, with 'Waste containers' expanded to show 'BIO waste' selected. The right pane shows a table of waste containers with their dimensions.

Name	Dimension X	Dimension Y	Dimension Z
BIO waste container 60l	445	532	935
BIO waste container 80l	445	515	935
BIO waste container 120l	480	540	930
BIO waste container 140l	480	540	1060
BIO waste container 240l	580	715	1060
BIO waste container 360l	600	880	1010
BIO waste container 360l	620	880	1010
BIO waste container 660l	1370	770	1215
BIO waste container 770l	1370	770	1355
BIO waste container 1100l	1370	1295	1295
BIO waste container 1100l	1370	1070	1465

Below the table, there is a 'View and insertion point' section with options for '2D', 'Hiding 1', and 'Side'. The '2D' option is selected. The 'System' checkbox is checked, and the 'BIO waste' system is selected. The 'Product-type' is set to 'Waste container'. The 'Current unit' is 'millimetres'. The 'Repeat command' checkbox is unchecked. The 'OK' button is highlighted with a green checkmark.

✓ CADprofi Architectural – parametric fireplaces

Fireplaces available in CADprofi Architectural program have been parameterized.

Additionally, a new set of attributes has been added (including name, article, product-type, manufacturer, reference, number). These attributes are used when creating specifications.

System Equipment

Name:

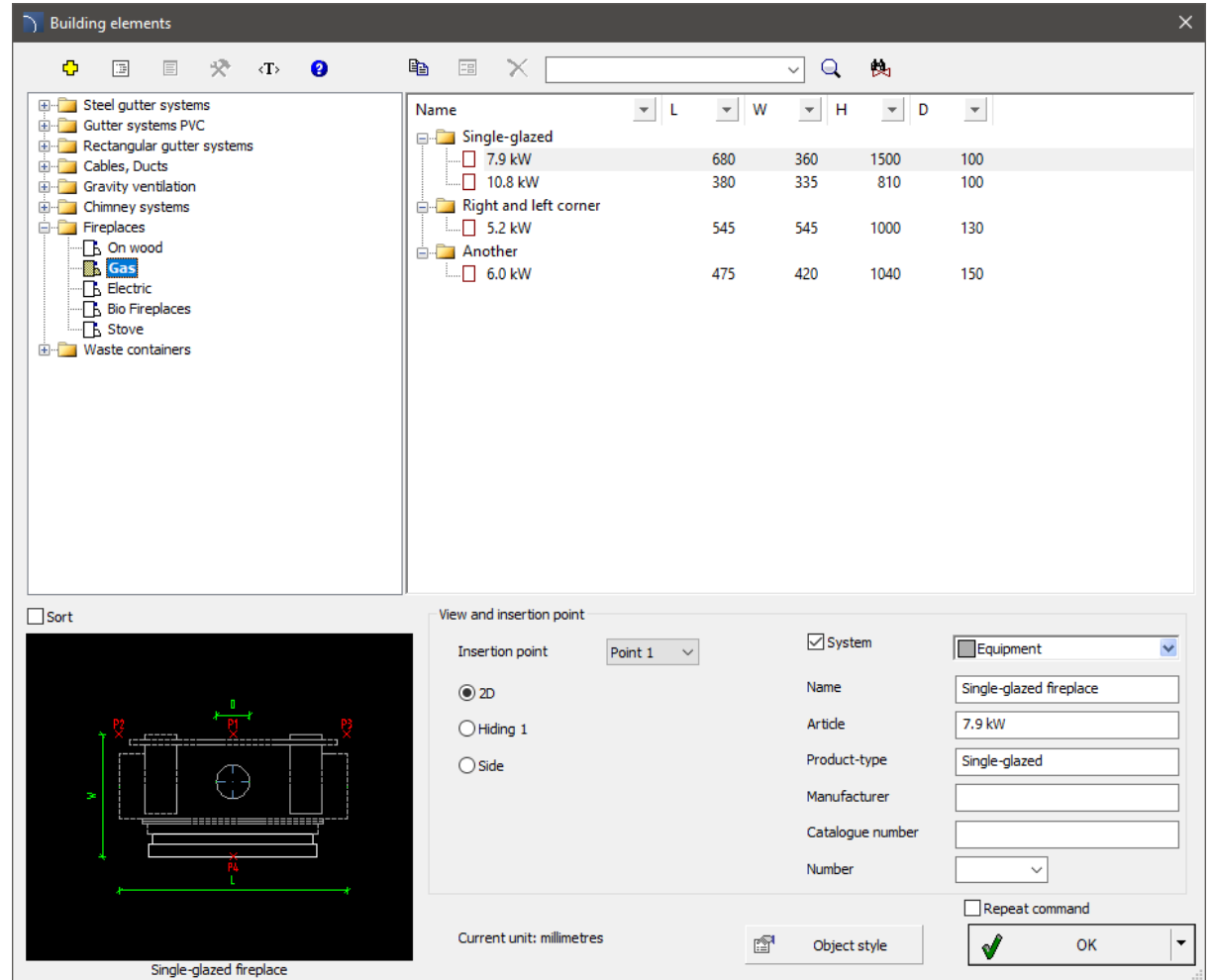
Article:

Product-type:

Manufacturer:

Reference:

Number:



Name	L	W	H	D
Single-glazed				
7.9 kW	680	360	1500	100
10.8 kW	380	335	810	100
Right and left corner				
5.2 kW	545	545	1000	130
Another				
6.0 kW	475	420	1040	150

View and insertion point:

Insertion point:

2D
 Hiding 1
 Side

System Equipment

Name:

Article:

Product-type:

Manufacturer:

Catalogue number:

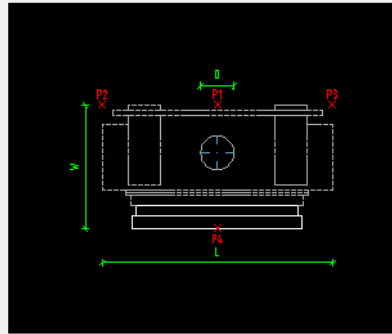
Number:

Repeat command

Current unit: millimetres

Object style:

OK

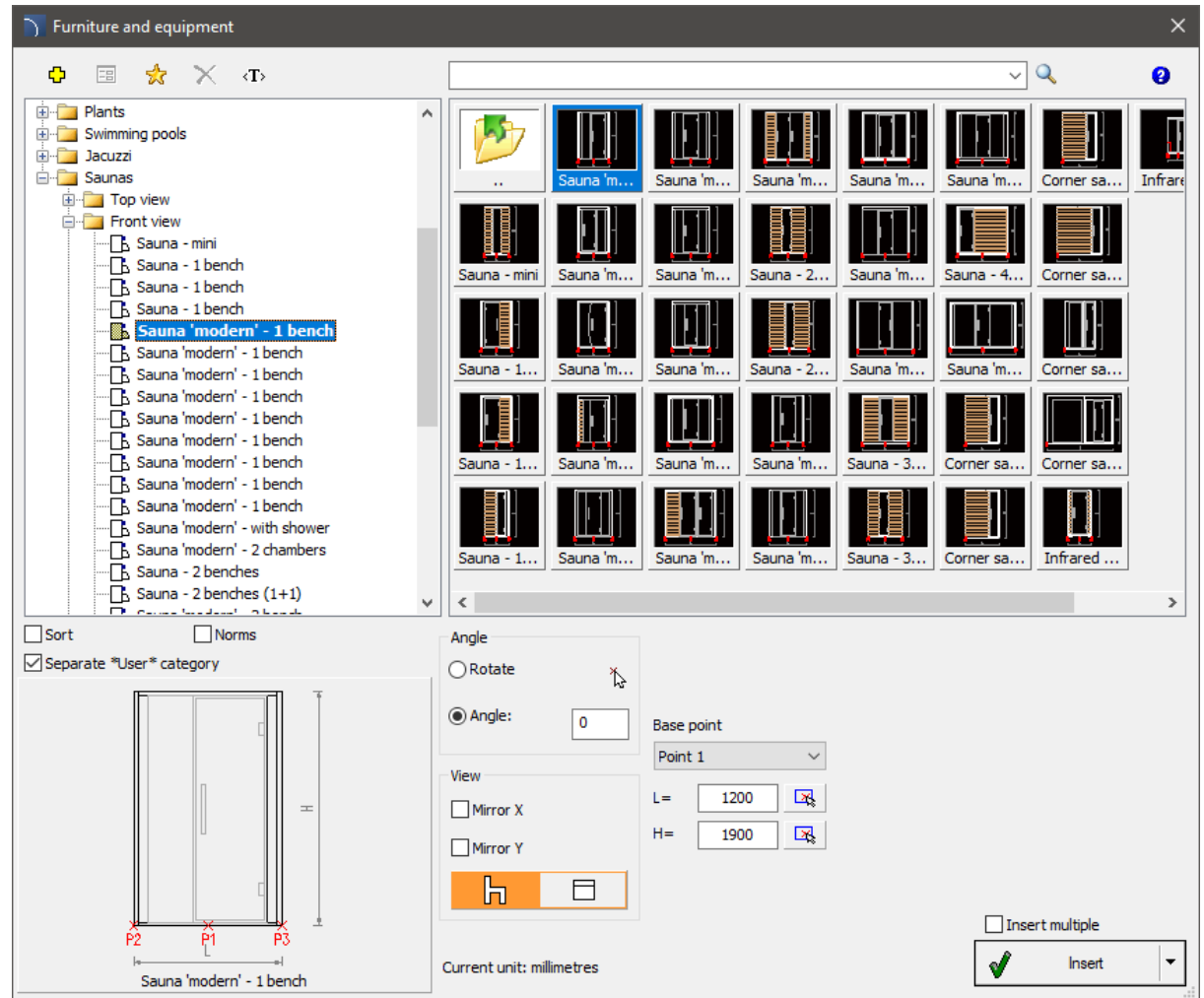





CADprofi

✓ CADprofi Architectural – saunas

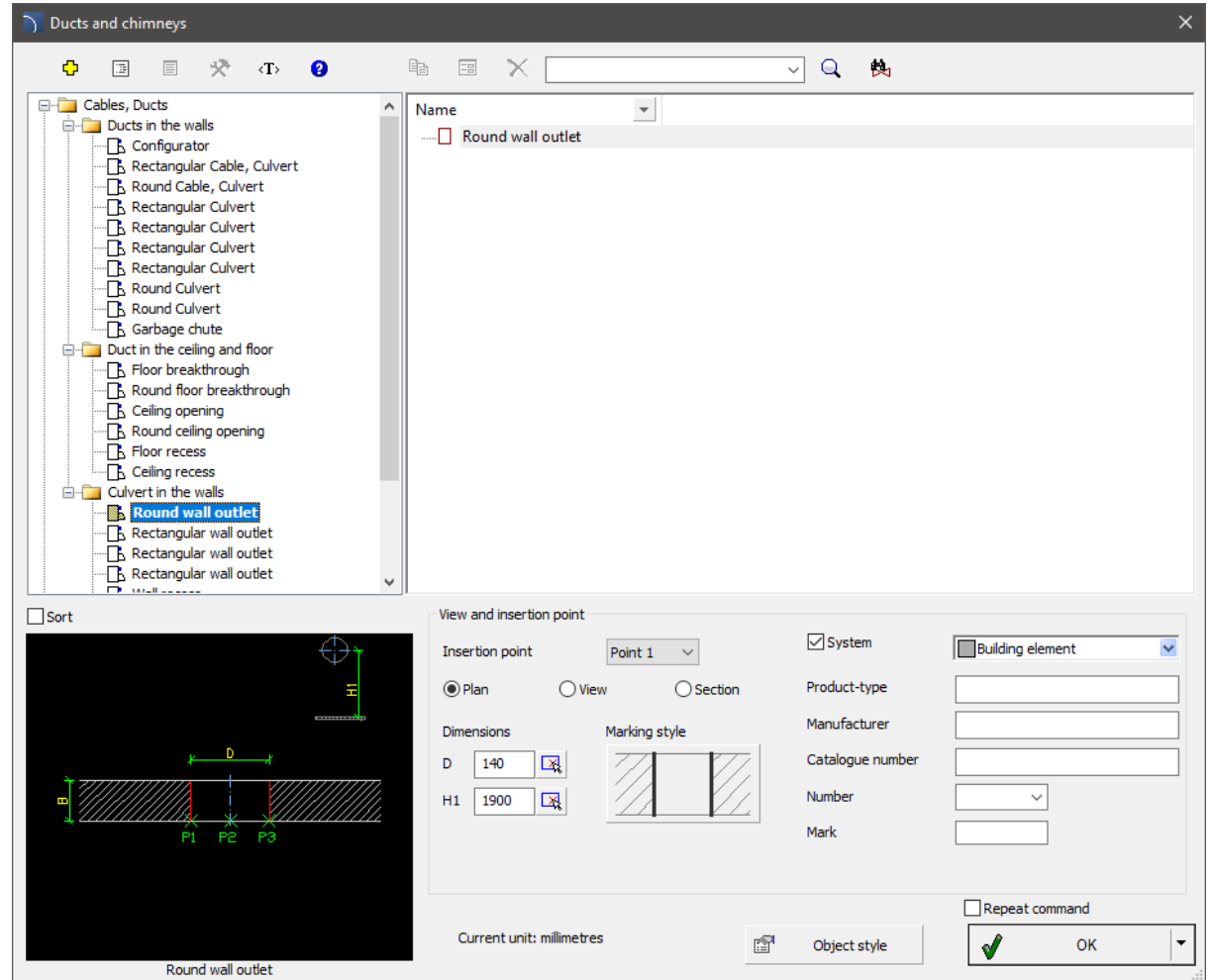
A library of saunas with equipment has been added to CADprofi Architectural.




✓ CADprofi Architectural – update of culvert and recess library

Ducts and chimneys  command have been updated with additional recesses and culverts in wall, including:

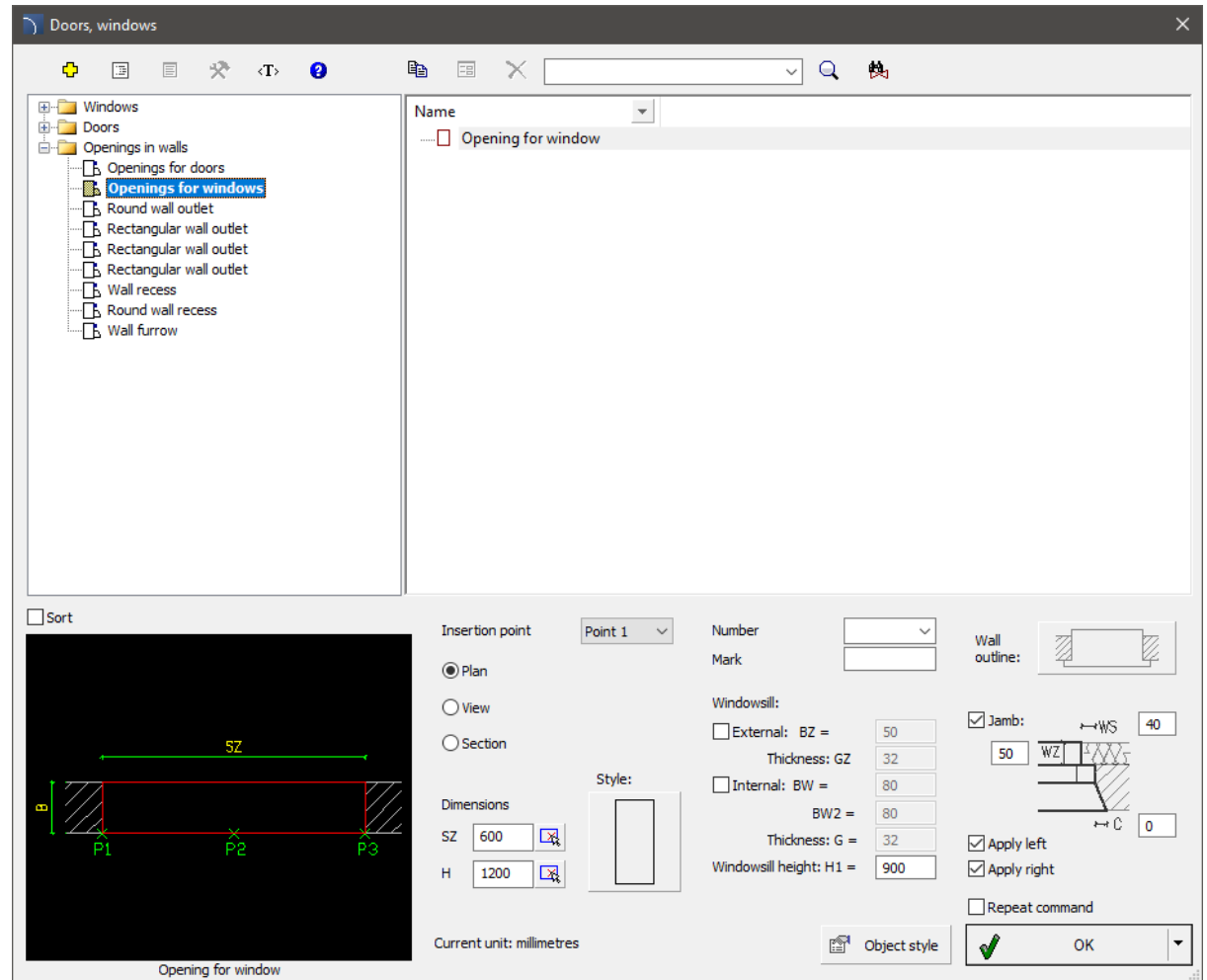
- round wall outlets,
- floor and ceiling recesses,
- floor and ceiling furrows.




✓ CADprofi Architectural – openings in walls

Doors, windows  command have been extended with rectangular wall outlets, recesses and furrows.

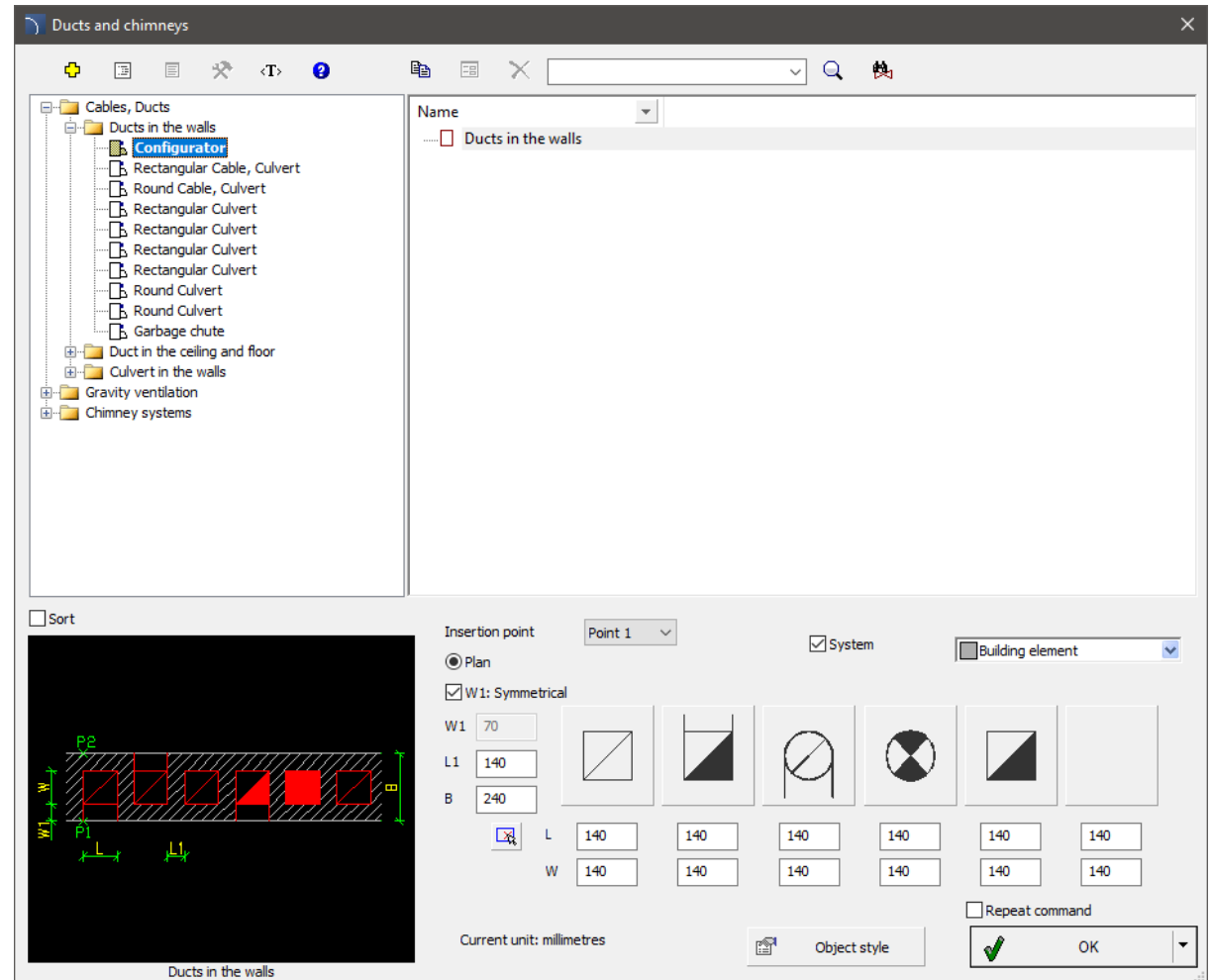
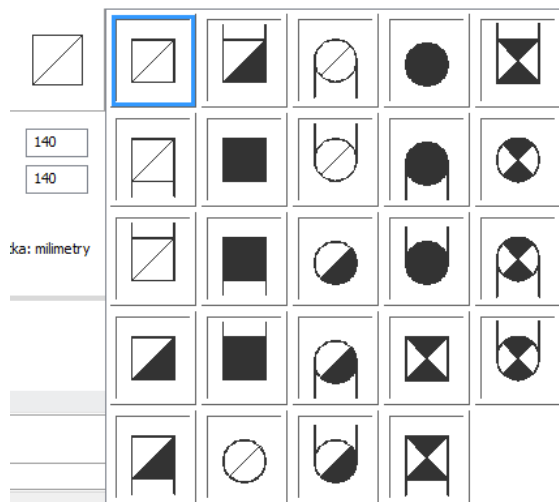
User can define their dimensions and marking style.




✓ CADprofi Architectural – wall duct configurator

Ducts and chimneys  command available in CADprofi Architectural has been extended with ventilation and exhaust ducts, culverts, gas chimneys, recesses, chutes.


Additionally, the wall duct configurator has been added to the command. Thanks to the configurator, user can quickly insert selected symbols of wall ducts into the drawing and define their basic dimensions.

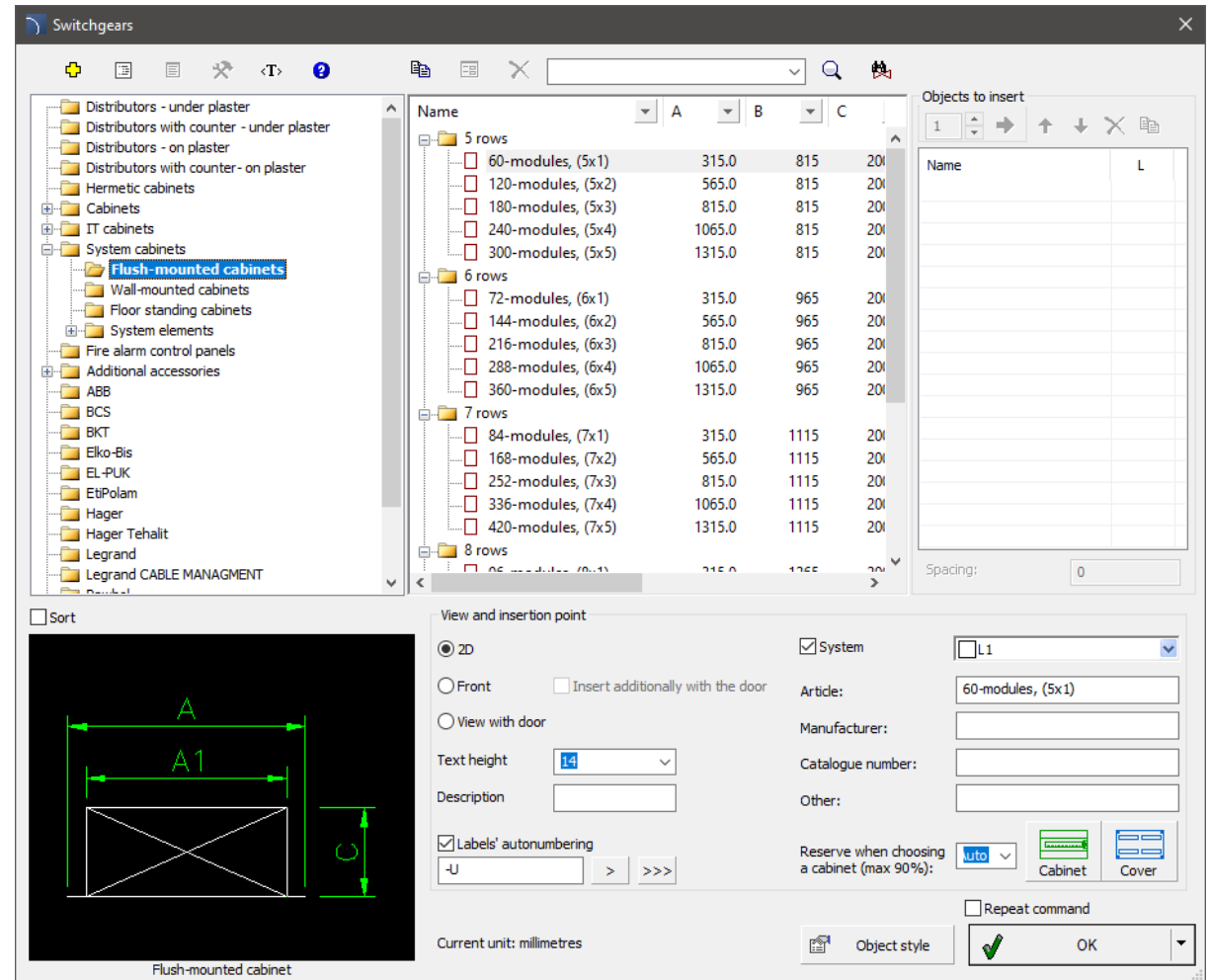


✓ CADprofi Electrical – cover selection based on the apparatus used in the project

Switchgear  command has been extended with the option of automatic selection of the assembly cover (cabinet system) based on the apparatus used in the project.



Additionally, the *Switchgears*  command has been extended with new elements of the system cabinets - plain modules with DIN rails (vertical and horizontal rails).



Name	A	B	C
5 rows			
60-modules, (5x1)	315.0	815	200
120-modules, (5x2)	565.0	815	200
180-modules, (5x3)	815.0	815	200
240-modules, (5x4)	1065.0	815	200
300-modules, (5x5)	1315.0	815	200
6 rows			
72-modules, (6x1)	315.0	965	200
144-modules, (6x2)	565.0	965	200
216-modules, (6x3)	815.0	965	200
288-modules, (6x4)	1065.0	965	200
360-modules, (6x5)	1315.0	965	200
7 rows			
84-modules, (7x1)	315.0	1115	200
168-modules, (7x2)	565.0	1115	200
252-modules, (7x3)	815.0	1115	200
336-modules, (7x4)	1065.0	1115	200
420-modules, (7x5)	1315.0	1115	200
8 rows			
96-modules, (8x1)	315.0	1265	200

View and insertion point

2D

Front Insert additionally with the door

View with door

Text height: 14

Description:

Labels' autonumbering

-U > >>>

System

Article: 60-modules, (5x1)

Manufacturer:


Catalogue number:

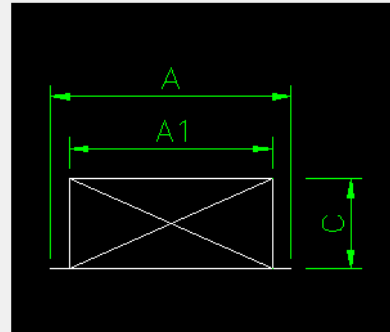
Other:

Reserve when choosing a cabinet (max 90%): Auto Cabinet Cover


Repeat command

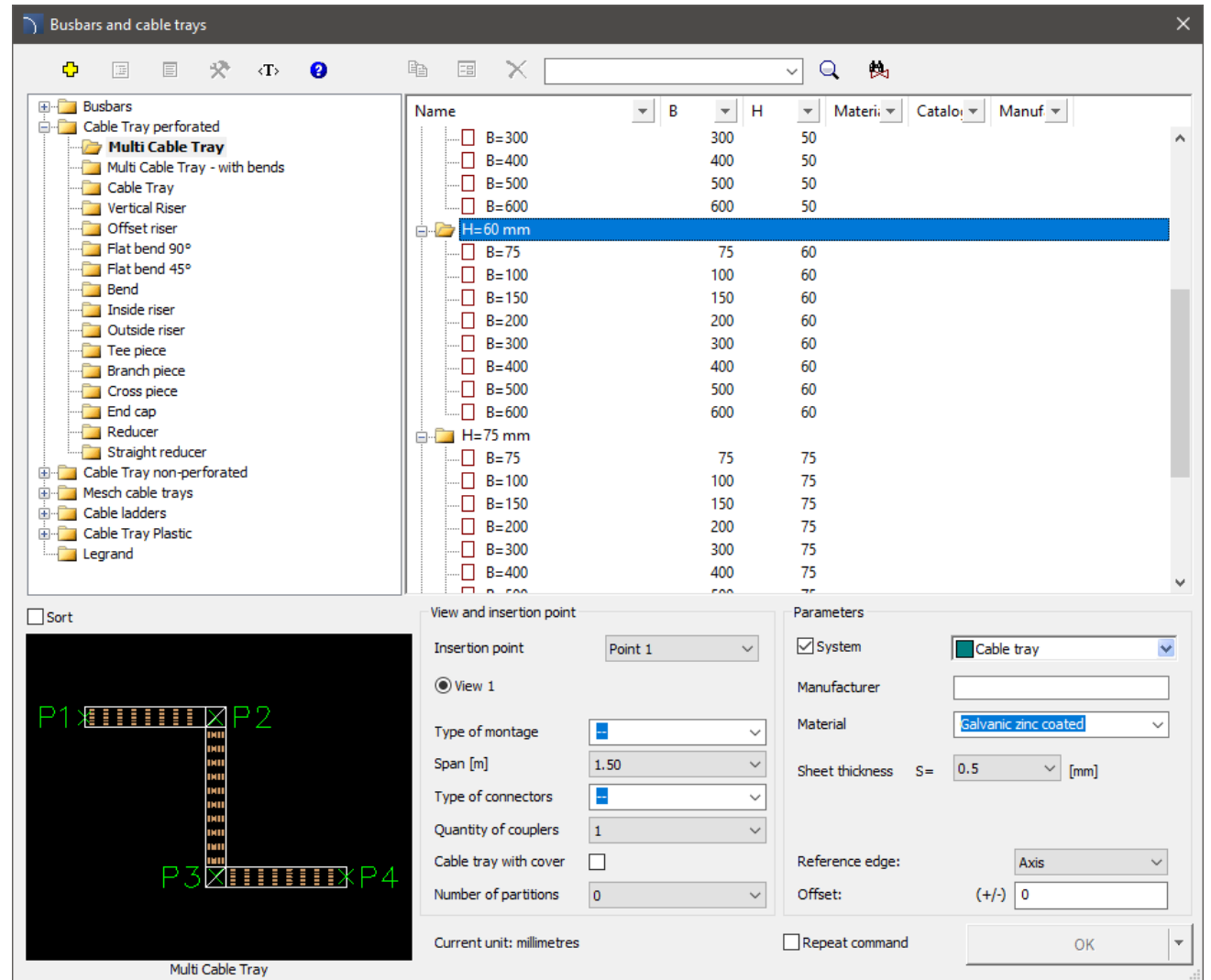
Current unit: millimetres

Object style:  OK



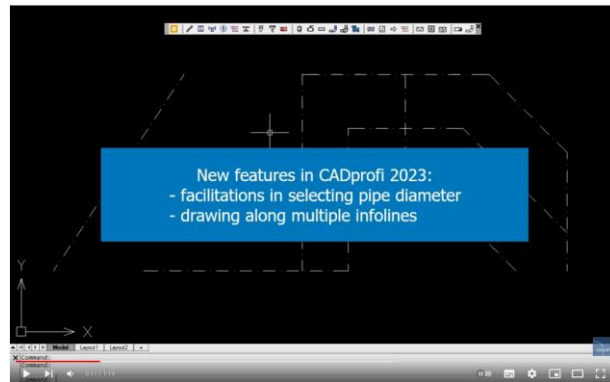
✓ CADprofi Electrical – extended cable tray library

In the command *Busbars and cable trays* , the catalogues *Cable tray perforated* and *non-perforated* have been extended with additional type series with height H=60 mm.



✓ CADprofi HVAC & Piping – possibility to calculate flow in pipe systems

In CADprofi, the possibility to calculate flows in pipe systems has been added. This makes it easier for the designer when selecting the appropriate pipe diameter, while taking into account the thickness of the pipe wall.



[Watch movie](#)

Pipelines - general views

<T> ?

- Piping systems - general
 - Pipe
 - Pipes flex
 - Copper piping system
 - Polypropylene piping system
 - Pipes PEHD
 - PE-X piping system
 - PE piping system

Elbow parameters

Bend type: --

Radius (171.45): 1.5

Radius as a multiplier of width:

Type: Elbow

Limit max angle to 90°

Dimension E: 20

Dimension F: 20

Installation and drawing	
Installation	<input checked="" type="checkbox"/> Supply
Reference edge	Axis
Offset: S	0
Type	Pipe
Manufacturer and type	
Manufacturer	--
Type	
Product	
Dimensions	
Diameter: D	114.3
Thickness automatically	<input checked="" type="checkbox"/>
Wall thickness	3.6
Options	
Installation fit	<input checked="" type="checkbox"/>
Diameter fit	<input checked="" type="checkbox"/>
Join object	<input checked="" type="checkbox"/>
Join automatically	<input checked="" type="checkbox"/>
Insulation thickness	0
Flow (Q) [m3/h]	26
Speed (v) [m/s]	0.80

Apply polar tracking when drawing

Draw along 'infoline'

After drawing delete 'infoline'

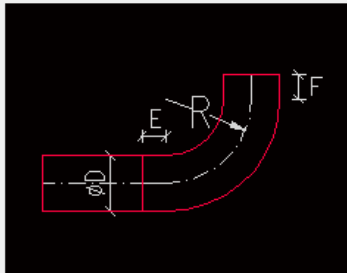
Description

Choose automatically type of object


Always show dialog box

Current unit: millimetres

Copy dimensions > OK

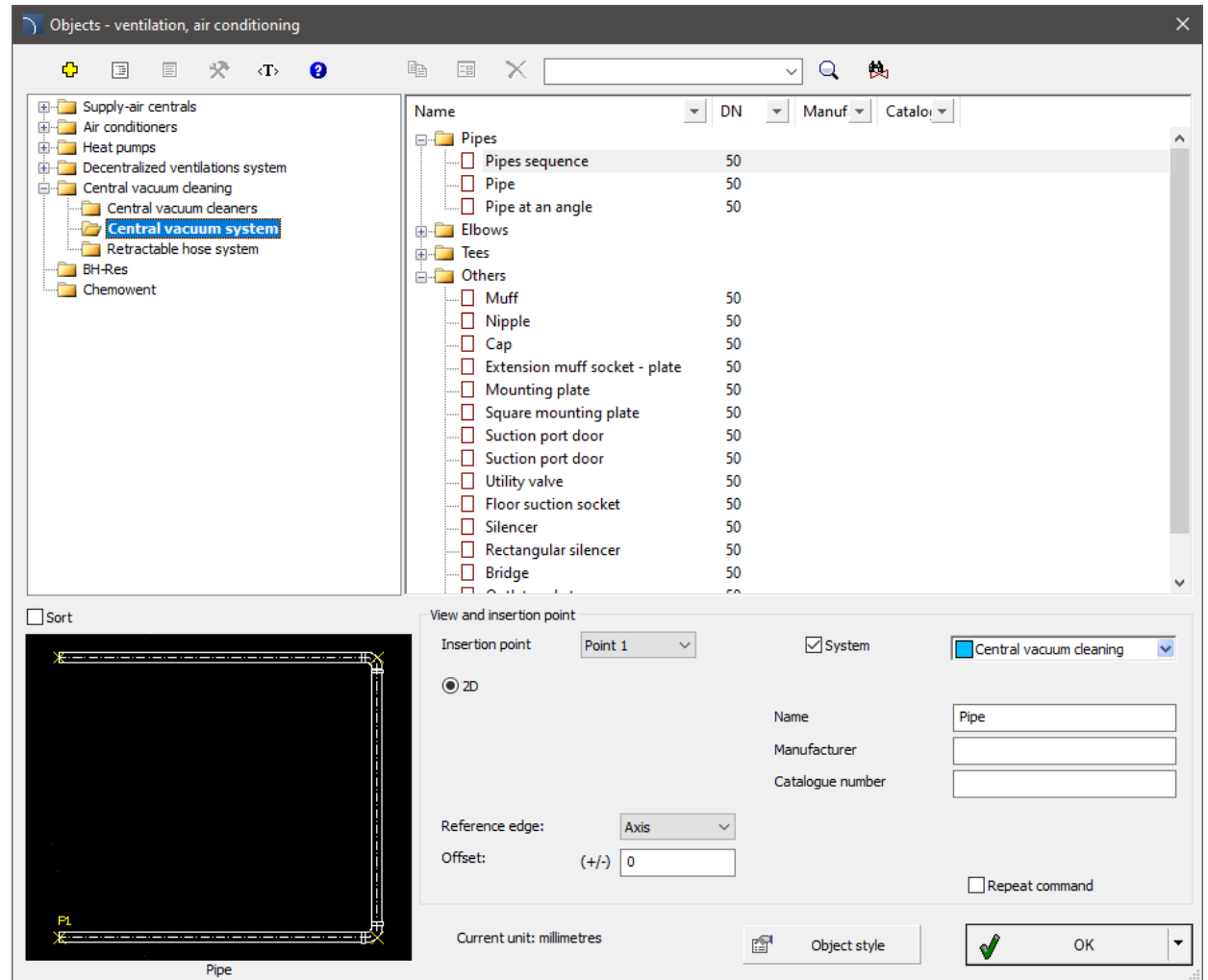


✓ CADprofi HVAC & Piping – central vacuum cleaning systems

Objects – ventilation, air conditioning  command has been extended with central vacuum cleaners and two installation systems. The library contains all necessary installation components, i.e.:

- vacuum cleaners,
- pipes,
- elbows,
- tees,
- mounting plates,
- suction sockets,
- muffers,
- silencers etc.

Thanks to this, the program allows to quickly design a complete central vacuum cleaning installation.





CADprofi

✓ CADprofi HVAC & Piping – additional fittings

Pipes – detailed views  command has been extended with *Brass threaded fittings* and *Chrome plated brass threaded fittings*.

Tree View:

- Threaded piping system
 - Brass threaded fittings
 - 1/4"
 - 3/8"
 - 1/2"
 - 3/4"
 - 1"
 - 1 1/4"
 - 1 1/2"
 - 2"
 - Chrome plated brass threaded fittings
 - 3/8"
 - 1/2"
 - 3/4"
 - 1"
 - Press pipes
 - Flanged piping system
 - Copper piping system
 - Polypropylene piping system
 - PE-X pipes with press fittings
 - PE-X pipes with screw fittings
 - PEHD pipes
 - PEHD pipes with electrofusion fittings
 - PEHD pipes with pressure fittings

Table of Fitting Options:

Name	Manuf	DN	PN
Elbows			
Elbow 90° 1/4"		G1/4	PN10
Elbows 90° male and female 1/4"		G1/4 x R1/4	PN10
Tees, crosses			
Tee 1/4"		G1/4	PN10
Cross piece 1/4"		G1/4	PN10
Others			
Muff 1/4"		G1/4	PN10
Hexagonal nipple 1/4"		R1/4	PN10
Lengthening pipe 1/4" x L=10mm		G1/4	PN10
Lengthening pipe 1/4" x L=20mm		G1/4	PN10
Lengthening pipe 1/4" x L=30mm		G1/4	PN10
Lengthening pipe 1/4" x L=40mm		G1/4	PN10

Configuration Panel:

View and insertion point:


- Insertion point: Point 1
- System
- Start element
- End element
- Insert reducer
- Name: Elbow 90°
- Product-type: []
- Manufacturer: []
- Catalogue number: []
- Insulation Thickness: 5
- Current unit: millimetres
- Repeat command
- OK

Technical Drawing:

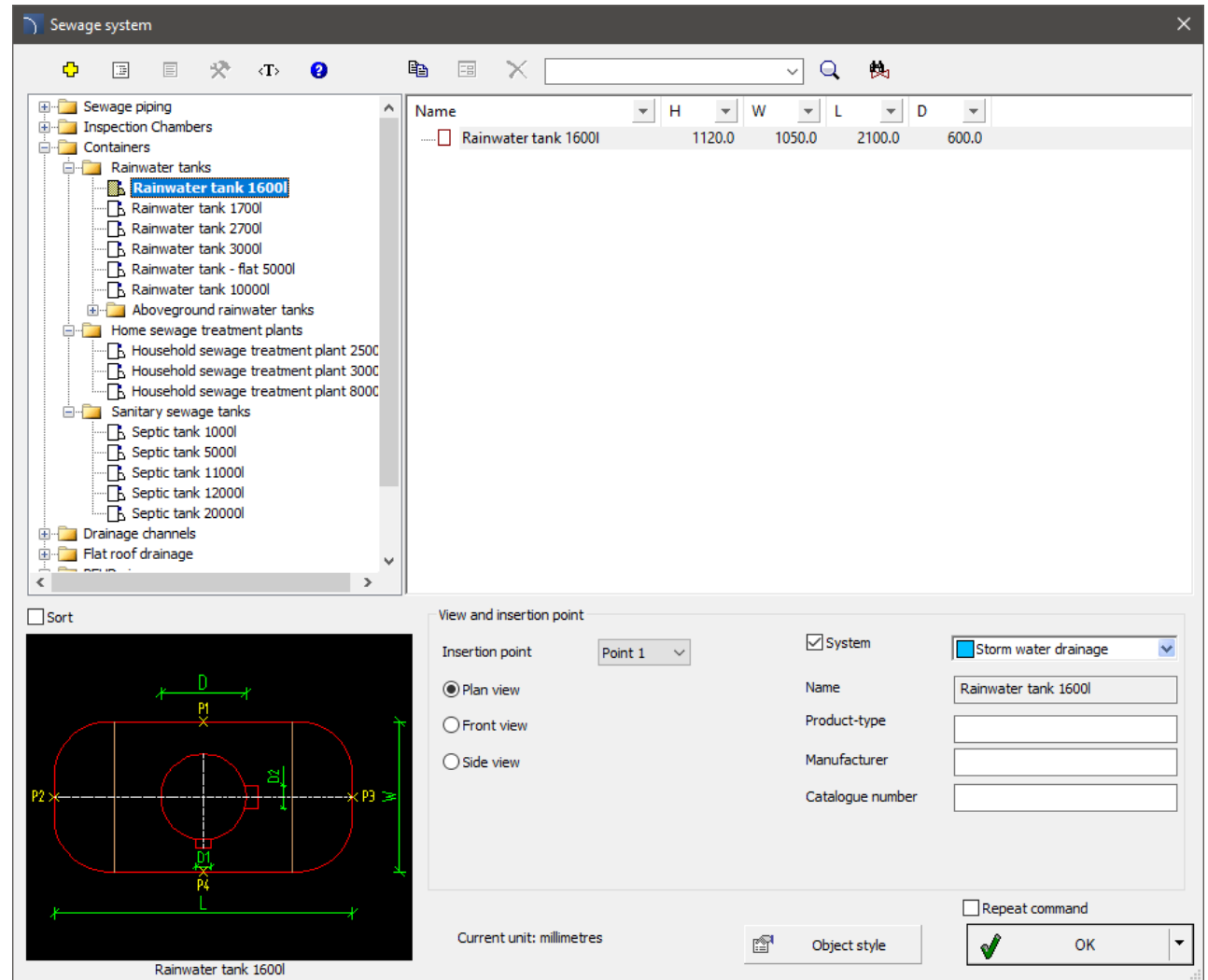
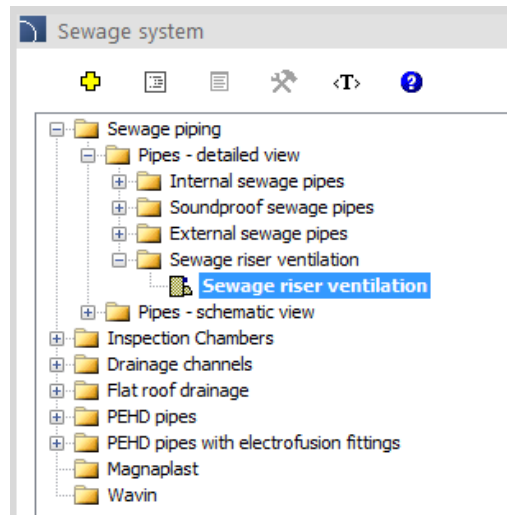
Elbow 90°

The drawing shows a 90-degree elbow with dimensions L (length), DZ (depth), and Z (width). It also indicates connection points P1 and P2.

✓ CADprofi HVAC & Piping – changes in the Sewage system command

Sewage system  command has been extended with deaeration of sewage risers. Other added objects include:

- rainwater tanks,
- home sewage treatment plants,
- sanitary sewage tanks.

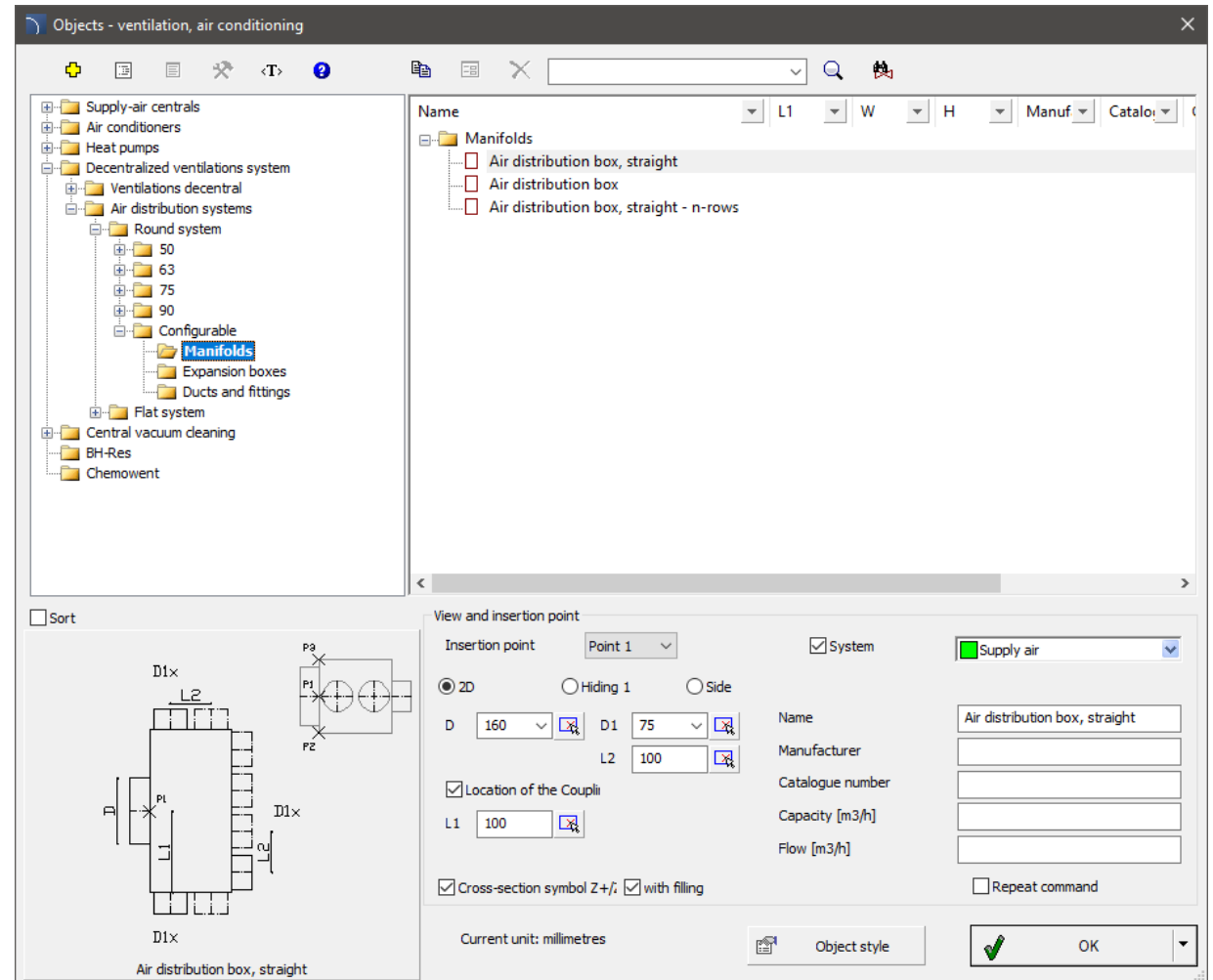


✓ CADprofi HVAC & Piping – recuperation


Objects – ventilation, air conditioning command has been extended with decentralized ventilation systems used in recuperation, including:

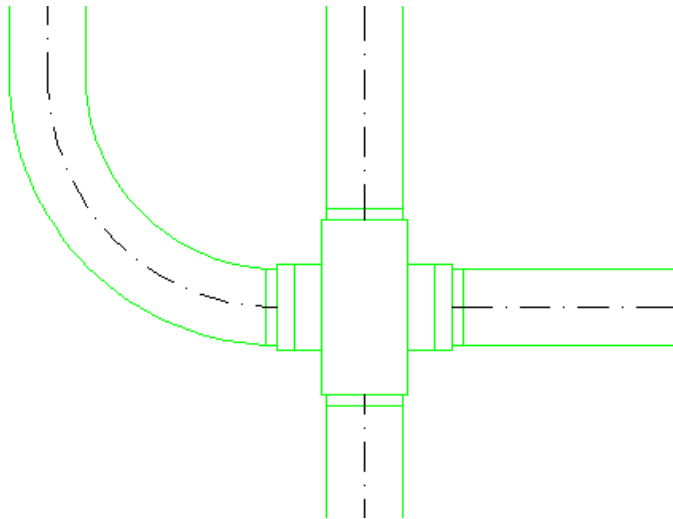
- distributors,
- expansion boxes,
- ducts and fittings with circular cross-section,
- flat ducts and fittings with oval cross-section.

General recuperators and Komfovent's Domekt recuperators have also been added to the command.



✓ CADprofi HVAC & Piping – cross-over pieces

Cross-over pieces (channel bypasses) have been added to the *Objects – ventilation, air conditioning*  command.



Obiekty - wentylacja, klimatyzacja

- Centrale wentylacyjne
- Klimatyzatory
- Pompy ciepła
- Rekuperacja
 - Systemy dystrybucji powietrza
 - System kołowy
 - 50
 - 63
 - 75
 - 90
 - Konfigurowalny
 - System płaski
 - 132x52
 - Rozdzielacze
 - Skrzynki rozprężne
 - Kanały i kształtki**
 - Konfigurowalny
- Centrale odkurzanie
- BH-Res
- Chemowent

Nazwa	L1	W	H	Produc	Nr kat
Kanały i kształtki					
<input type="checkbox"/> Kanał owalny elastyczny 132x52					
<input type="checkbox"/> Kanał owalny elastyczny 132x52 - Z+ /Z-					
<input type="checkbox"/> Kolano poziome owalne 132x52		120			
<input type="checkbox"/> Kolano pionowe owalne 132x52		60			
<input type="checkbox"/> Łącznik kanału owalnego 132x52		50			
<input type="checkbox"/> Złączka kołowo-owalna 90 x 132x52		150			
<input type="checkbox"/> Zaślepka kanału owalnego 132x52		10			
<input checked="" type="checkbox"/> Przejście kanału owalnego 2x 132x52		150	60		
<input type="checkbox"/> Obejście kanału - płaskie 132x52		150	60		
<input type="checkbox"/> Obejście kanału - płaskie 132x52		150	60		

Sortuj

Widok i punkt wstawienia

Punkt wstawienia: Punkt 1

2D Bok 1

Przód

System

Nawiew: ■ Nawiew

Nazwa: Przejście kanału owalnego 2x

Producent:

Nr katalogowy:

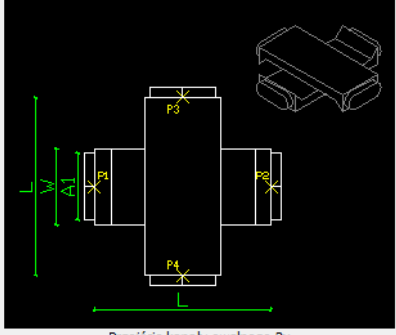
Wydajność [m3/h]:

Przepływ [m3/h]:

Powtarzaj polecenie

Aktualna jednostka: milimetry

Styl obiektu OK

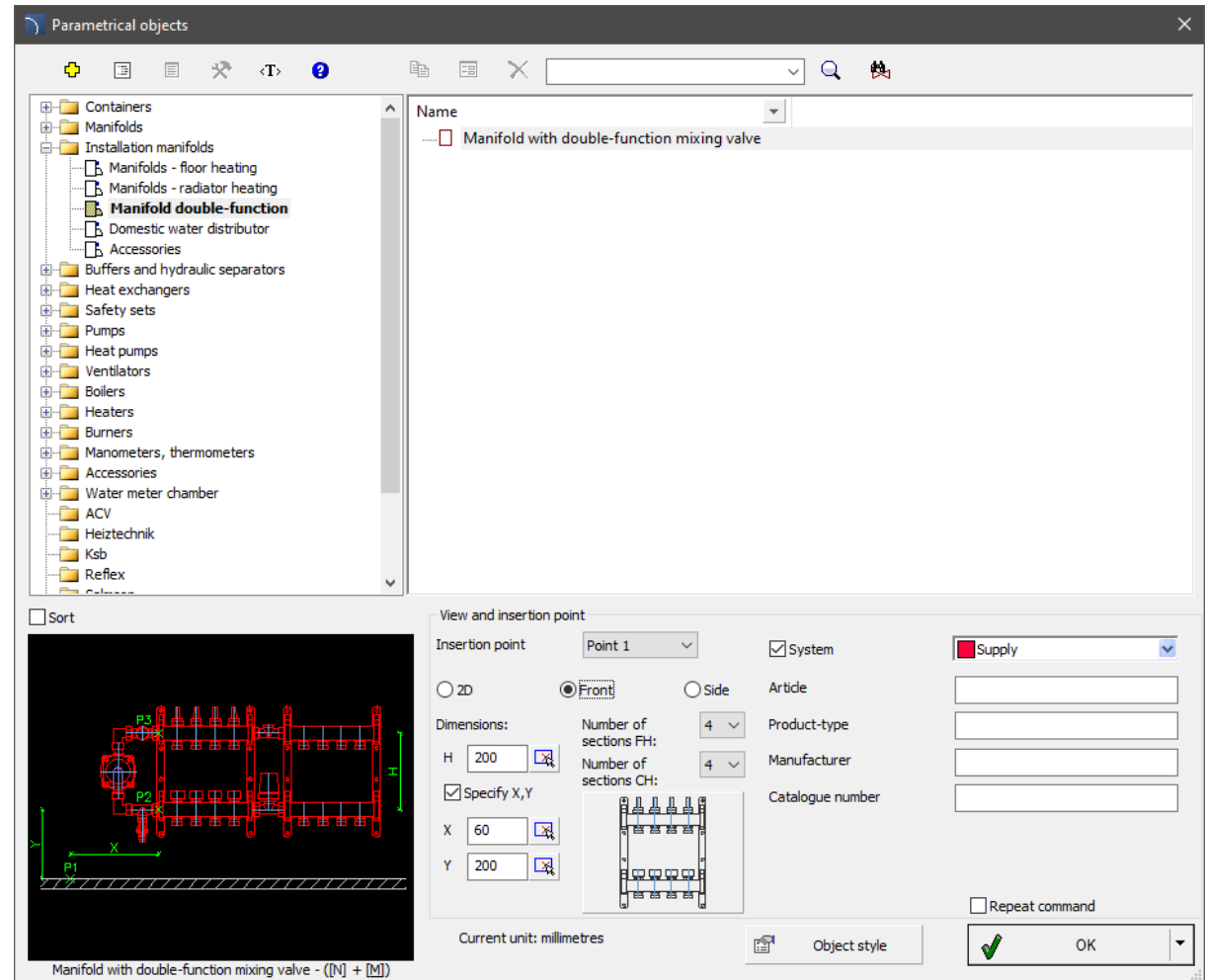


Przejście kanału owalnego 2x

✓ CADprofi HVAC & Piping – additional objects in the Parametric objects command

Parametric objects  command has been extended with installation manifolds, including:

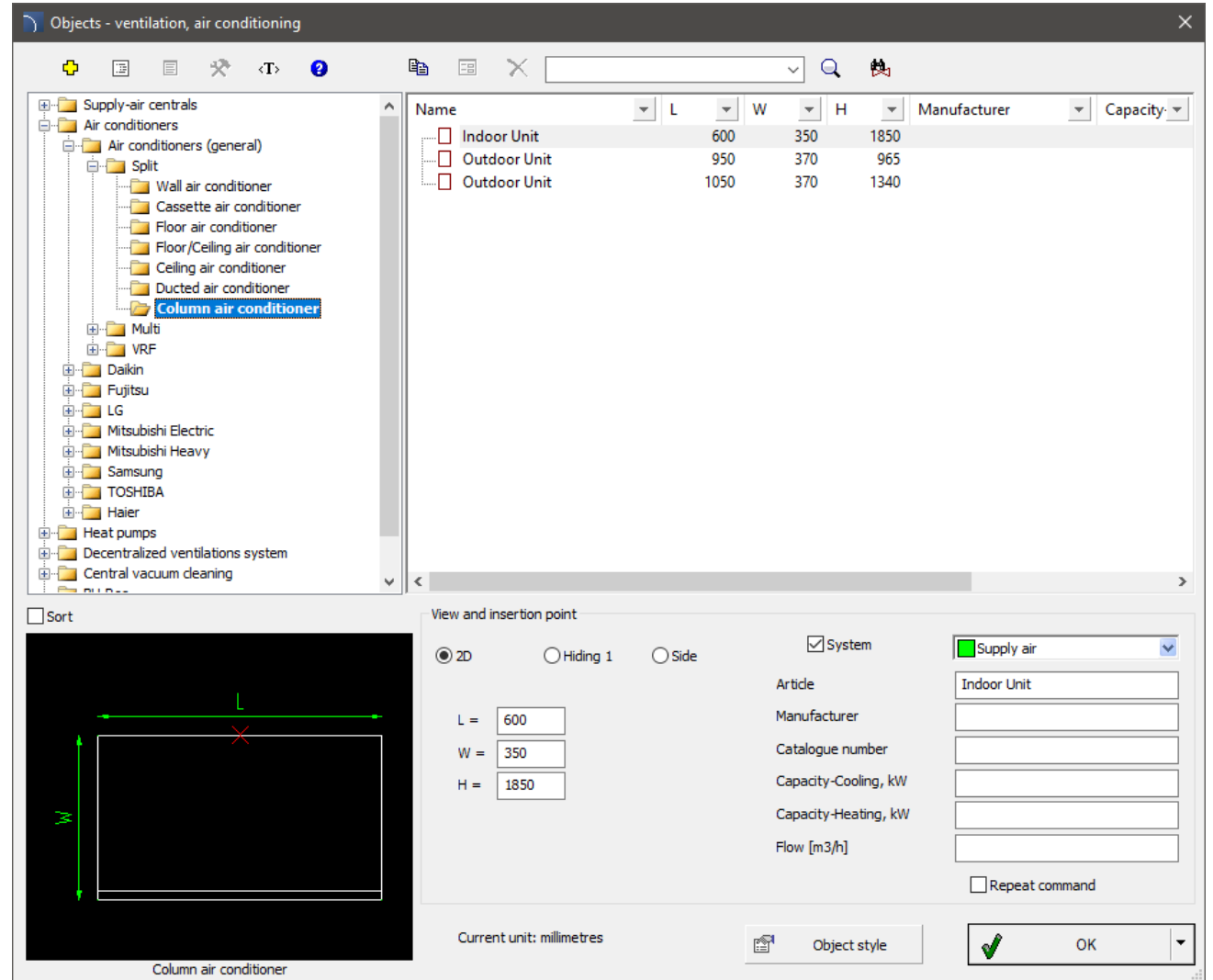
- floor heating manifolds,
- radiator heating manifolds,
- double-function manifolds (mixing),
- domestic water distributors,
- equipment (blanking plug, ball valve, venting and draining valve etc.),
- electric controllers (room sensor, thermostat etc.).



✓ CADprofi HVAC & Piping – additional air conditioners and heat pumps

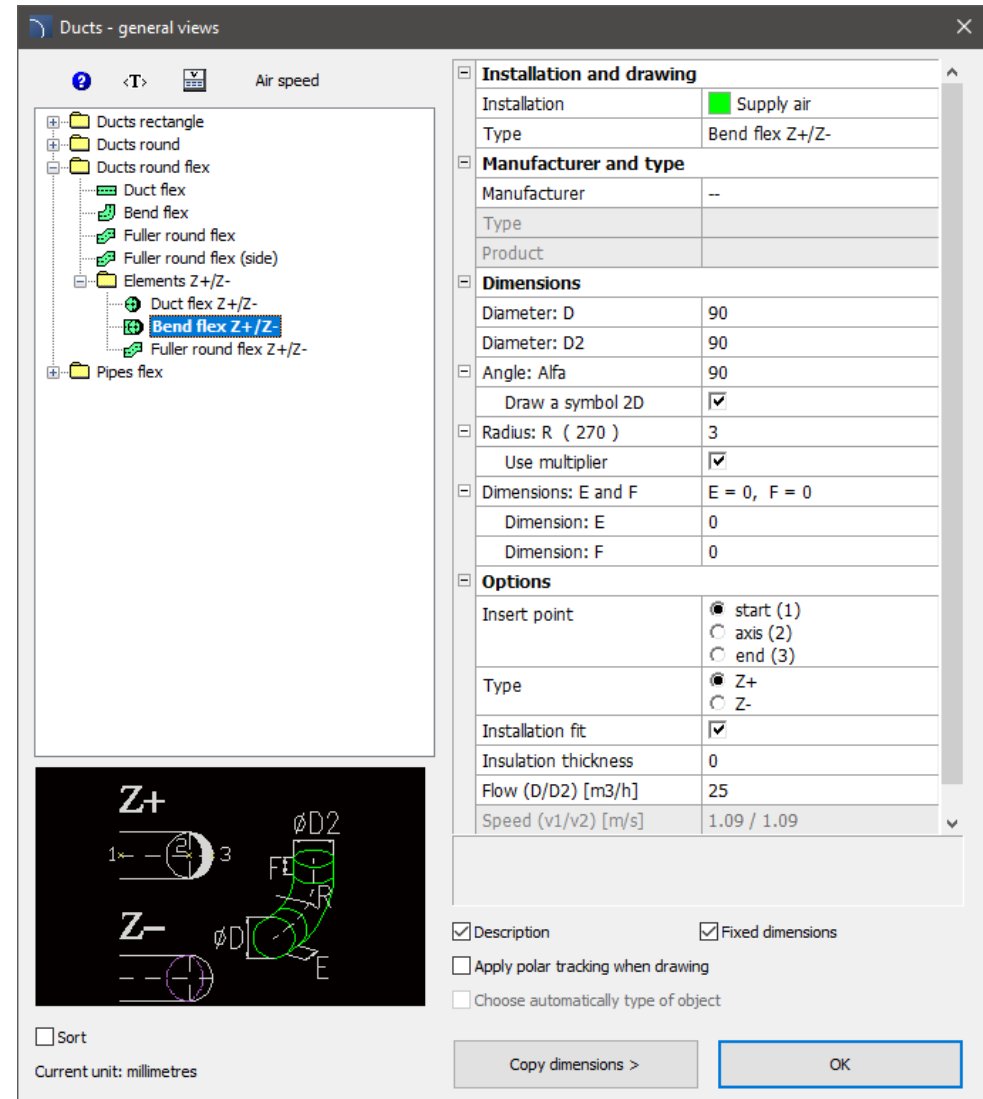
In the *Objects - ventilation, air conditioning* command the *Heat pumps* and *Air conditioners* catalogs have been extended with additional manufacturer products (e.g. Panasonic, Kaisai, Viessmann, De Dietrich or Haier). Additionally new device types have been added:

- buffer tanks for heat pumps (hanging and standing),
- column air conditioners.



✓ CADprofi HVAC & Piping – flex round ducts

Ducts – general views  command has been extended with flex round ducts. These ducts are used in recuperation installations.



Ducts - general views

Air speed

Installation and drawing

Installation	Supply air
Type	Bend flex Z+/Z-

Manufacturer and type

Manufacturer	--
Type	
Product	

Dimensions

Diameter: D	90
Diameter: D2	90
Angle: Alfa	90
Draw a symbol 2D	<input checked="" type="checkbox"/>
Radius: R (270)	3
Use multiplier	<input checked="" type="checkbox"/>
Dimensions: E and F	E = 0, F = 0
Dimension: E	0
Dimension: F	0

Options


Insert point	<input checked="" type="radio"/> start (1) <input type="radio"/> axis (2) <input type="radio"/> end (3)
Type	<input checked="" type="radio"/> Z+ <input type="radio"/> Z-
Installation fit	<input checked="" type="checkbox"/>
Insulation thickness	0
Flow (D/D2) [m3/h]	25
Speed (v1/v2) [m/s]	1.09 / 1.09

Description Fixed dimensions
 Apply polar tracking when drawing
 Choose automatically type of object

Sort
 Current unit: millimetres

Copy dimensions > OK

✓ CADprofi HVAC & Piping – additional objects in the libraries of the Parametric armature command

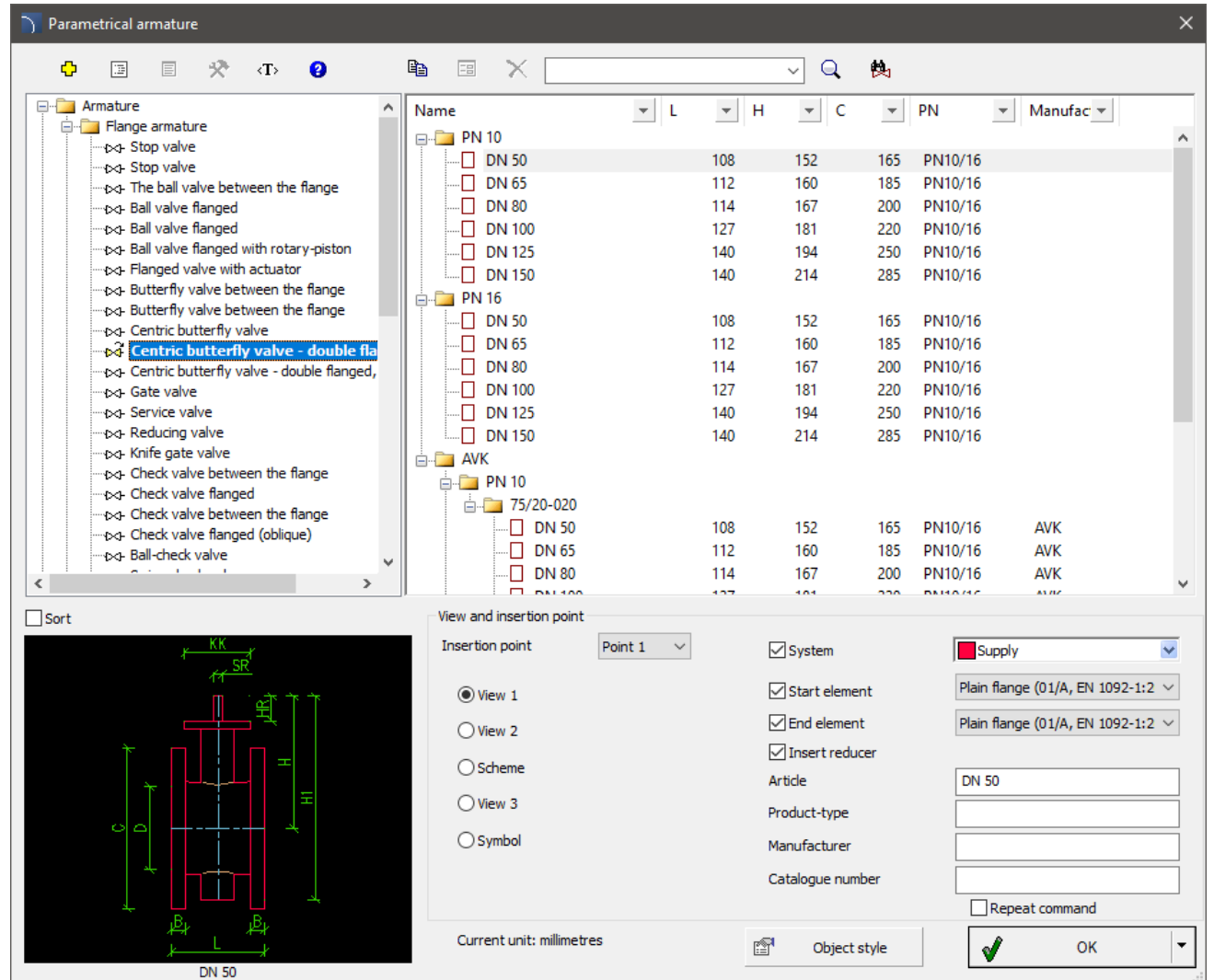
The *Parametric armature*  command has been extended.

The following objects has been added to the *Flange Armature* category:

- gate valves - based on the offer of the manufacturer AVK,
- double-flanged centric butterfly valves (including AVK).

The *Flanges* category has been extended with *Plain flanges* according to EN 1092-1:2013 and divided into:

- plain flanges,
- plain flanges with raised face.



The screenshot shows the 'Parametrical armature' software interface. On the left, a tree view lists various valve and flange objects under the 'Flange armature' category. The 'Centric butterfly valve - double flanged' is highlighted. On the right, a table lists the dimensions and specifications for these objects.

Name	L	H	C	PN	Manufac
PN 10					
DN 50	108	152	165	PN10/16	
DN 65	112	160	185	PN10/16	
DN 80	114	167	200	PN10/16	
DN 100	127	181	220	PN10/16	
DN 125	140	194	250	PN10/16	
DN 150	140	214	285	PN10/16	
PN 16					
DN 50	108	152	165	PN10/16	
DN 65	112	160	185	PN10/16	
DN 80	114	167	200	PN10/16	
DN 100	127	181	220	PN10/16	
DN 125	140	194	250	PN10/16	
DN 150	140	214	285	PN10/16	
AVK					
PN 10					
75/20-020					
DN 50	108	152	165	PN10/16	AVK
DN 65	112	160	185	PN10/16	AVK
DN 80	114	167	200	PN10/16	AVK
DN 100	127	181	220	PN10/16	AVK

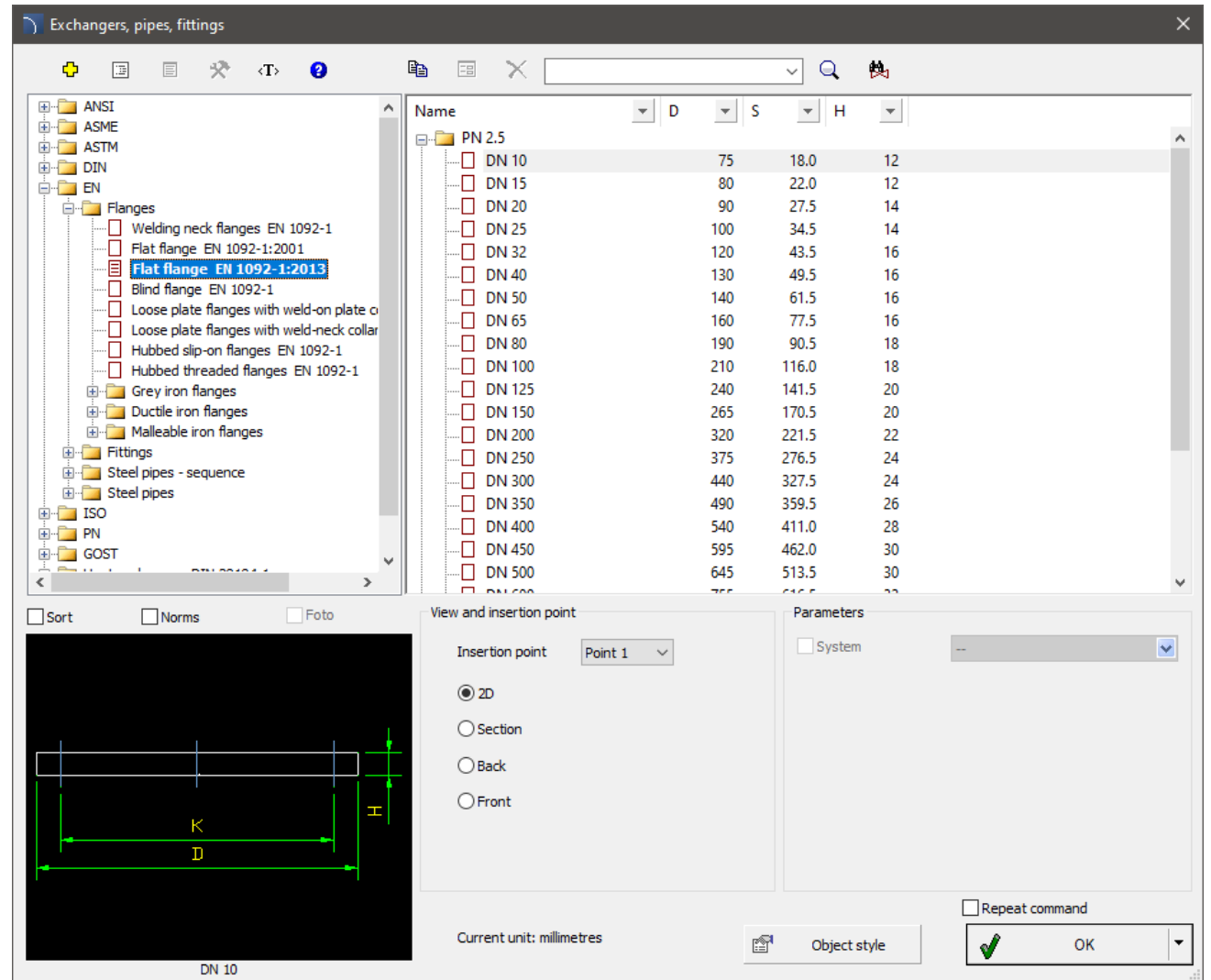
Below the table, there is a technical drawing of a DN 50 flange with dimensions labeled: G, D, H, H1, L, B1, B2, SR, and KK. The current unit is set to millimetres.

The configuration panel at the bottom right shows the following settings:

- View and insertion point: Point 1
- System: System
- Start element: Start element
- End element: End element
- Insert reducer: Insert reducer
- Article: DN 50
- Product-type: Plain flange (01/A, EN 1092-1:2)
- Manufacturer: (empty)
- Catalogue number: (empty)
- Repeat command: Repeat command

✓ CADprofi Mechanical – extension of flange libraries

In the *Exchangers, pipes, fittings* command the *Flanges* category has been extended with additional flat flanges according to EN 1092-1:2013.



Name	D	S	H
PN 2.5			
DN 10	75	18.0	12
DN 15	80	22.0	12
DN 20	90	27.5	14
DN 25	100	34.5	14
DN 32	120	43.5	16
DN 40	130	49.5	16
DN 50	140	61.5	16
DN 65	160	77.5	16
DN 80	190	90.5	18
DN 100	210	116.0	18
DN 125	240	141.5	20
DN 150	265	170.5	20
DN 200	320	221.5	22
DN 250	375	276.5	24
DN 300	440	327.5	24
DN 350	490	359.5	26
DN 400	540	411.0	28
DN 450	595	462.0	30
DN 500	645	513.5	30
DN 600	755	616.5	32

Current unit: millimetres

Object style

Repeat command

OK



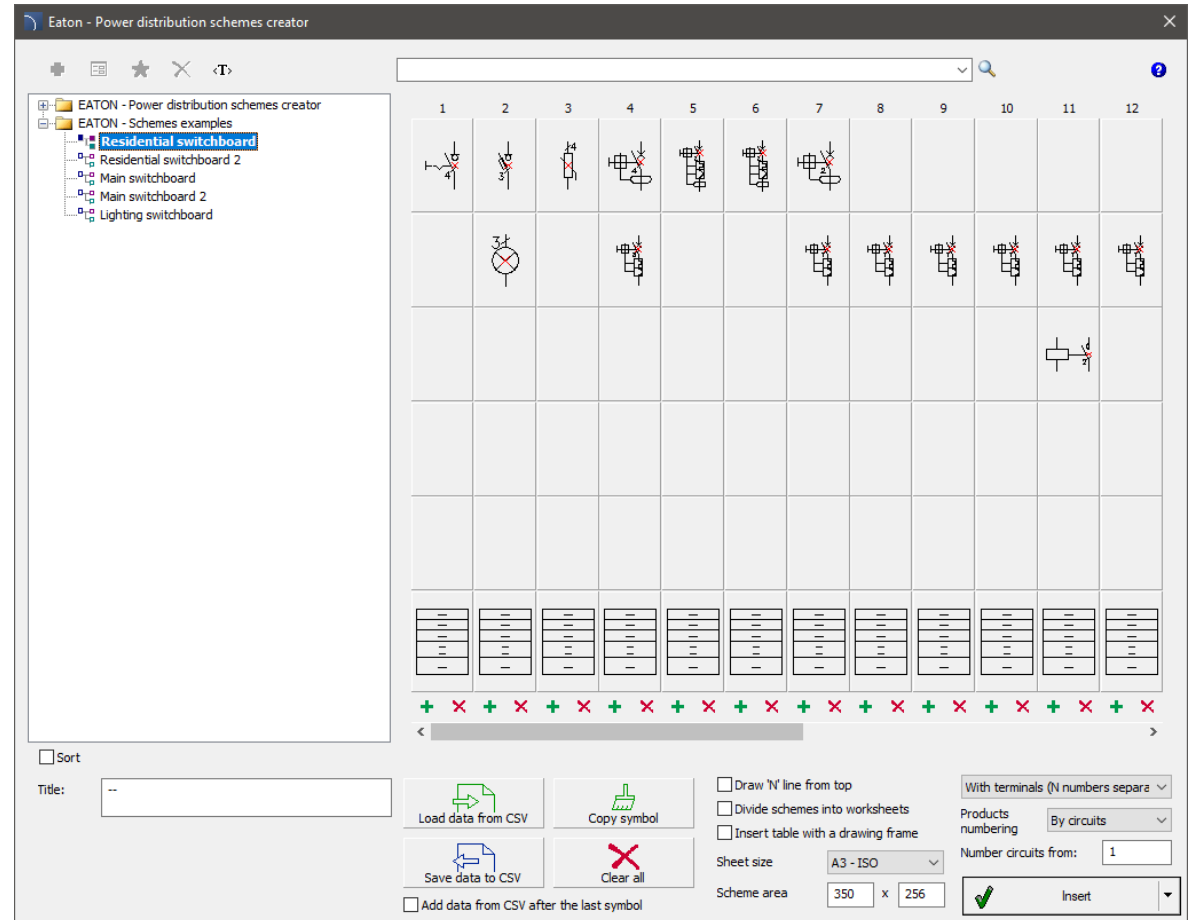
CADprofi

✓ CADprofi OEM – new EATON library

The new library available in CADprofi includes EATON products.

Program includes the following libraries:

- Low voltage apparatus and switchgears from the EATON product library, including: modular, connectivity and protection, control, signaling and visualisation apparatus.
- Power distribution schemes creator that allows to easily create an electrical installation project with EATON products.

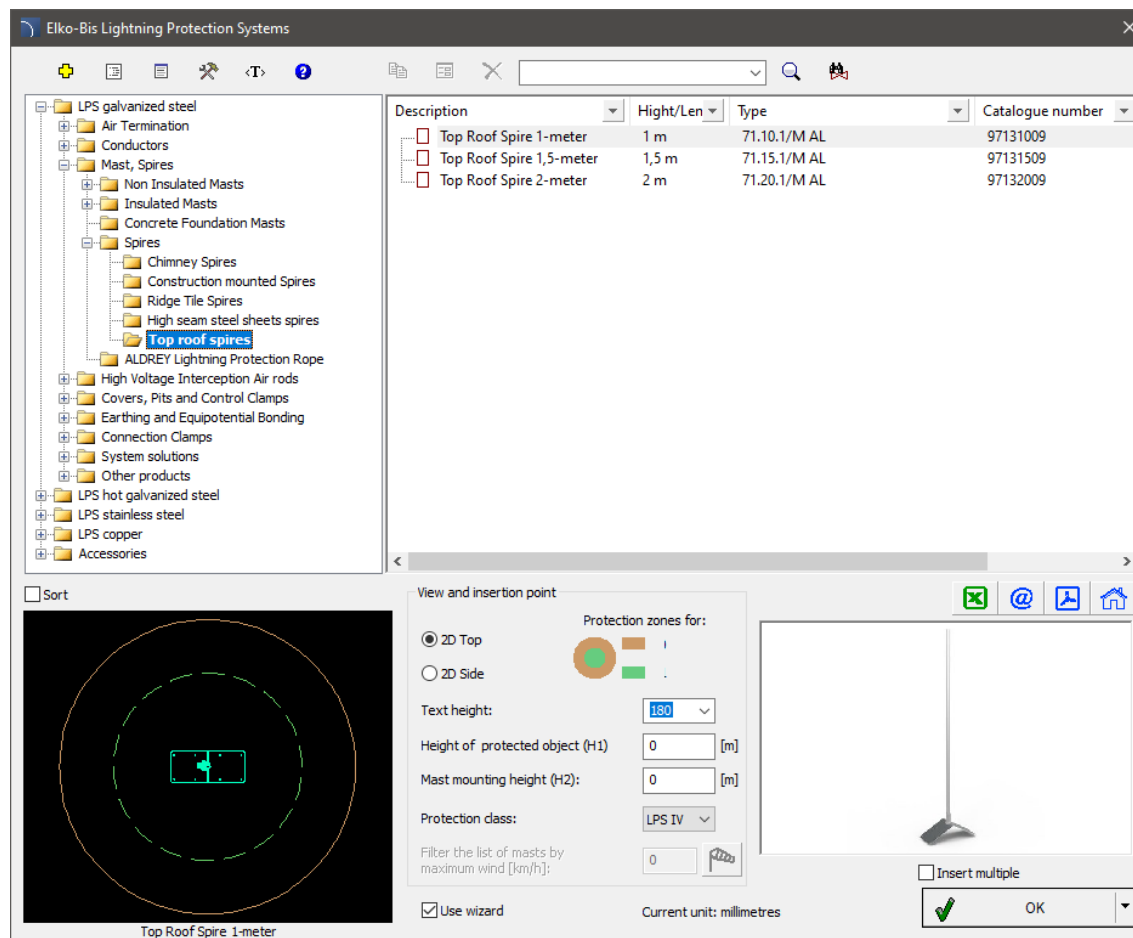


✓ CADprofi OEM – update of the Elko-Bis library

Elko-Bis library available in CADprofi has been updated with:

- eight-legged lighting masts,
- top roof spires,
- new types of connectors (pin, slant, marker, control, compensation connections, hoop-hoop, hoop-wire, hoop-bar, wire-wire, etc.),
- a system for routing lightning wires and hoops on ceilings, structures or walls,
- holders for grounding wire and hoop iron,
- uziomy szpilowe ELKONOMIC,
- additional accessories: earthing clamps and bands, adjustment kits, etc.,
- drawings of details.

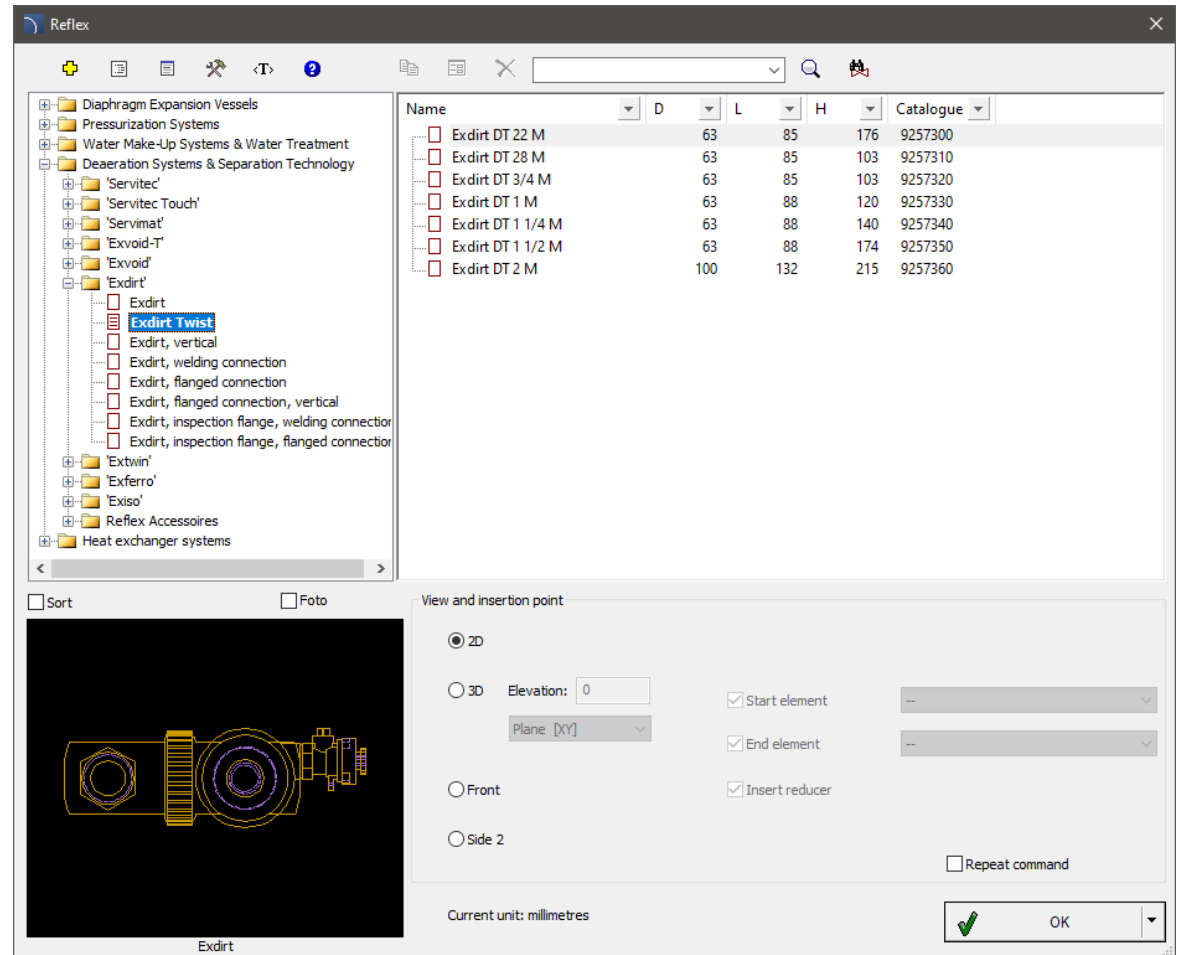
In addition, new spreadsheets for the calculation of separation distances and the dimensioning of protection zones have been added to the library.



✓ CADprofi OEM – extension of the Reflex library

Reflex library has been extended with thermal insulation for separators:

- Exiso Exvoid Twist 3/4", 1", 22, 28mm
- Exiso Exdirt Twist 3/4", 1", 22, 28mm
- Exiso Extwin Twist 3/4", 1", 22, 28mm
- Exiso Exvoid Twist 1 1/4", 1 1/2"
- Exiso Exdirt Twist 1 1/4", 1 1/2"
- Exiso Extwin Twist 1 1/4", 1 1/2"

The screenshot shows the Reflex software interface. On the left is a tree view of components, with 'Exdirt Twist' selected. On the right is a table of properties for the selected component.

Name	D	L	H	Catalogue
Exdirt DT 22 M	63	85	176	9257300
Exdirt DT 28 M	63	85	103	9257310
Exdirt DT 3/4 M	63	85	103	9257320
Exdirt DT 1 M	63	88	120	9257330
Exdirt DT 1 1/4 M	63	88	140	9257340
Exdirt DT 1 1/2 M	63	88	174	9257350
Exdirt DT 2 M	100	132	215	9257360

At the bottom, there is a 2D view of the selected component, labeled 'Exdirt'. To the right of the view is a 'View and insertion point' panel with the following settings:

- View: 2D
- Elevation: 0
- Plane: [XY]
- Start element: --
- End element: --
- Insert reducer:
- Repeat command:
- Current unit: millimetres

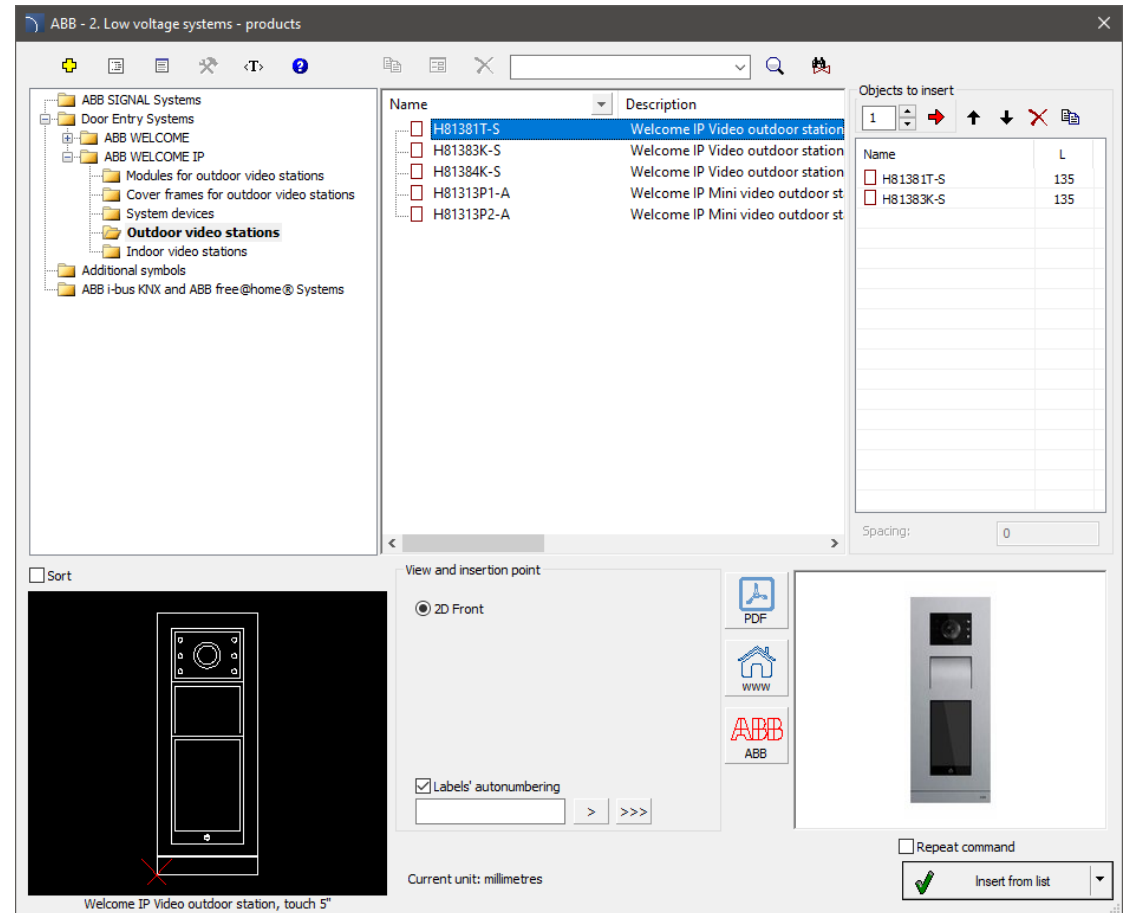


CADprofi

✓ CADprofi OEM – extension of ABB library

The library of *Apparatus and cabinets* has been extended with new products from the ABB i-bus KNX and ABB *free @home* systems.

Low voltage systems library has been extended with a new ABB WELCOME IP video intercoms system.





CADprofi

✓ Update of product libraries:





CADprofi

✓ Adjustment to many base CAD programs

CADprofi 2023.01 has been adjusted to work with latest CAD programs, including: AutoCAD 2023, ActCAD 2022, ARES Commander 2023, AviCAD 2022, BricsCAD V23, CADian 2022, CADopia 22, CADMATE 2022, IBSCAD 2022, InterSOFT IntelliCAD 2022, GstarCAD 2023, progeCAD 2022, SilicaCAD 2022, ZWCAD 2023.

CADprofi 2023 currently works with many base CAD programs including: AutoCAD (od wersji 2004), BricsCAD, GstarCAD, IntelliCAD, progeCAD, ZWCAD, ARES Commander and others.

The logo for AutoCAD, featuring the word 'AutoCAD' in a bold, red, sans-serif font with a registered trademark symbol.

The logo for ZWCAD, featuring the word 'ZWCAD' in a bold, blue, sans-serif font with a green leaf-like graphic above the 'W'.

The logo for GstarCAD, featuring the word 'GstarCAD' in a bold, blue, sans-serif font with a yellow 'G' and 'A', and the tagline 'An Alternative CAD System' below it.

The logo for BricsCAD, featuring a stylized blue 'B' shape above the word 'BRICSCAD' in a bold, blue, sans-serif font.

The logo for progeSOFT, featuring a blue globe with a yellow 'I' shape above the word 'progeSOFT' in a blue, sans-serif font.

The logo for IntelliCAD, featuring a purple diamond shape with a yellow 'I' shape above the word 'IntelliCAD' in a bold, purple, sans-serif font.

The logo for Gräbert ARES Commander, featuring a red flame-like graphic above the word 'Gräbert' in a small font, and 'ARES® Commander' in a large, bold, black, sans-serif font.