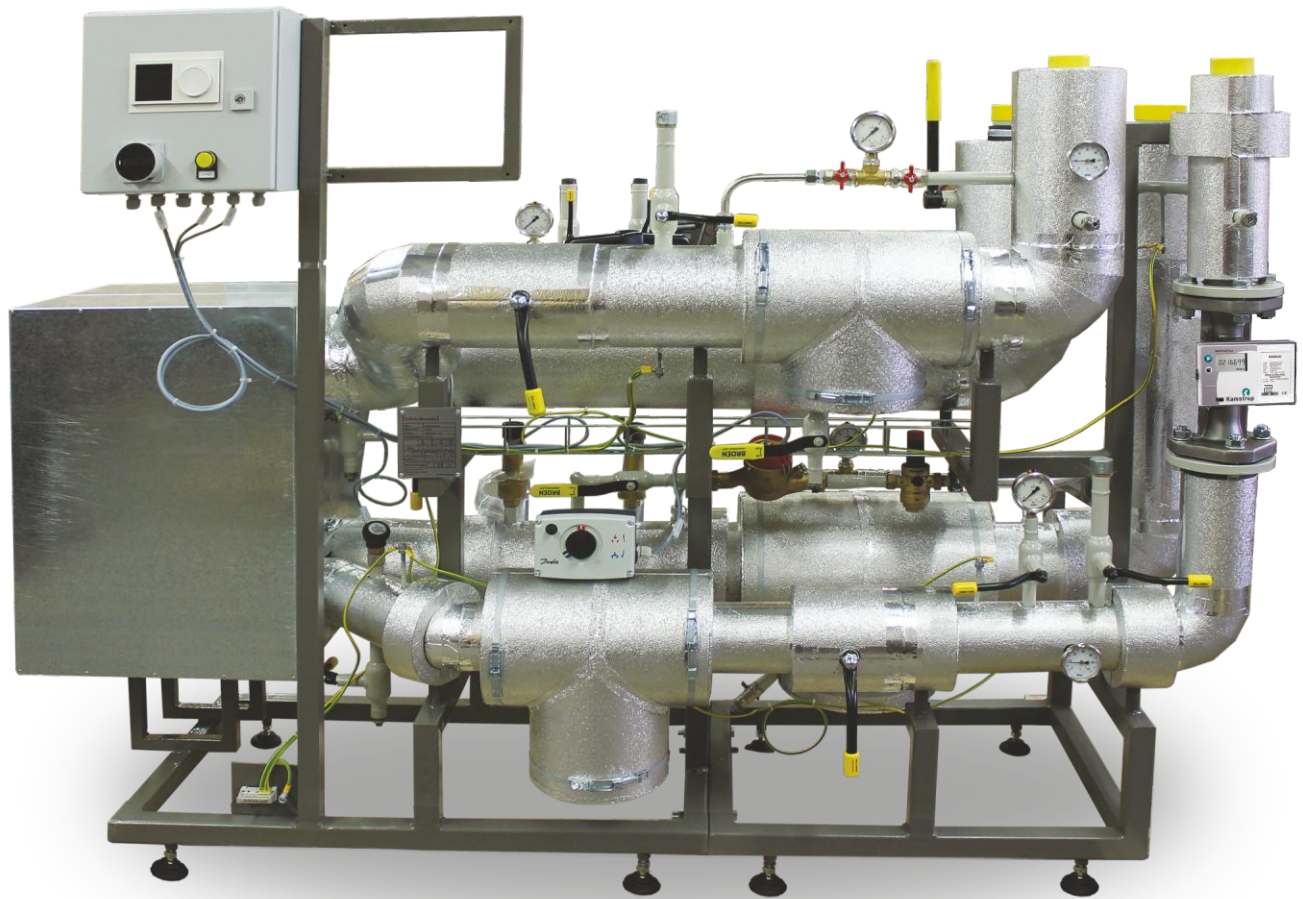


Dalsia floXY

District heating substation for floor mounting



Dalsia floXY is a family of floor mounted units with application in district heating. They use weather compensation electronic controller and could be connected to various SCADA systems.

The standard units are with primary pipe dimensions from DN25 to Dn65.

Options also include connection valves, DHW connections, and thermal insulation according to DS452.

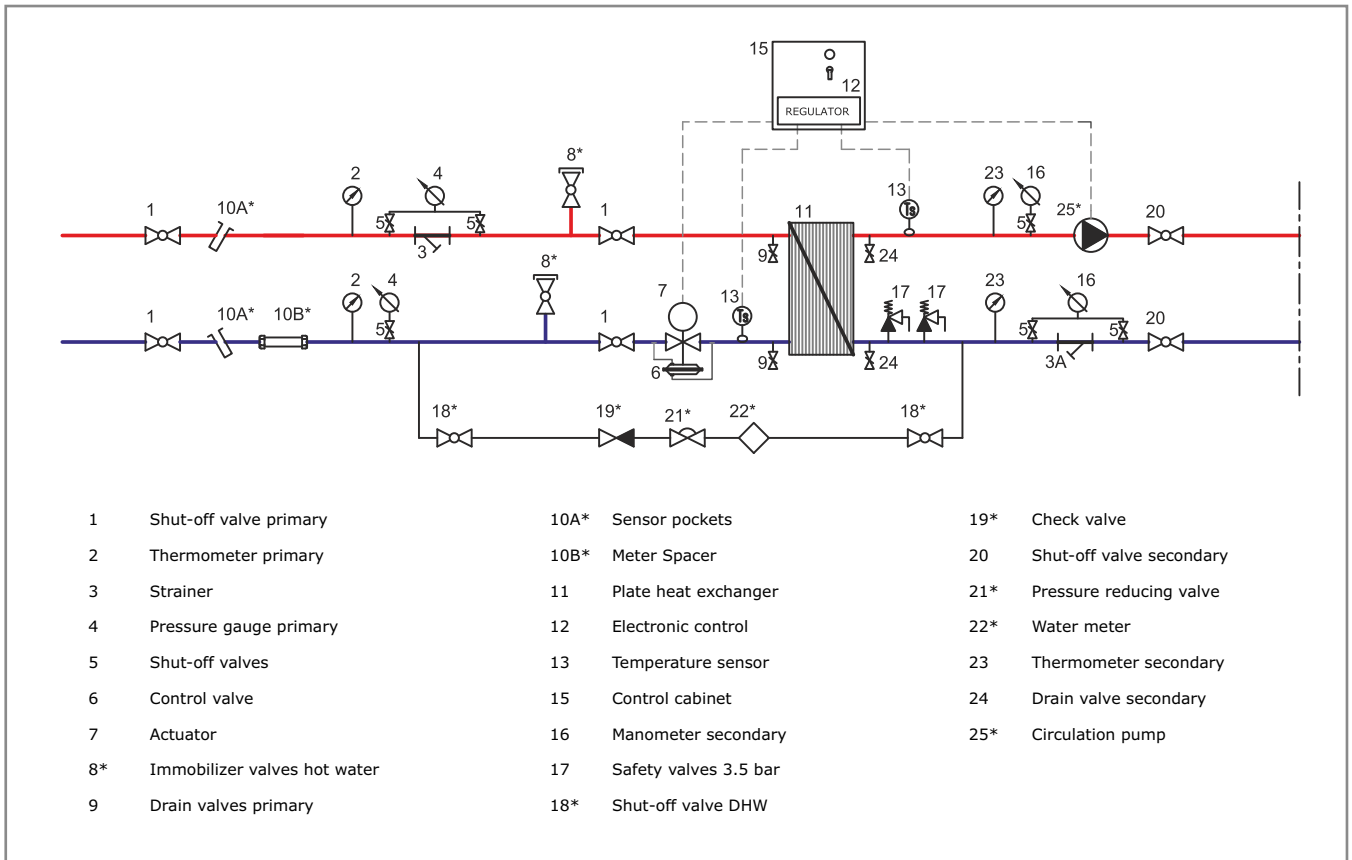
As a standard the units are PN16, max temp 130°C. PN25 version is also available.

Features and benefits:

- High efficiency heat exchanger
- Fully insulated according to DS452
- Pressure balanced
- Flexible configurations

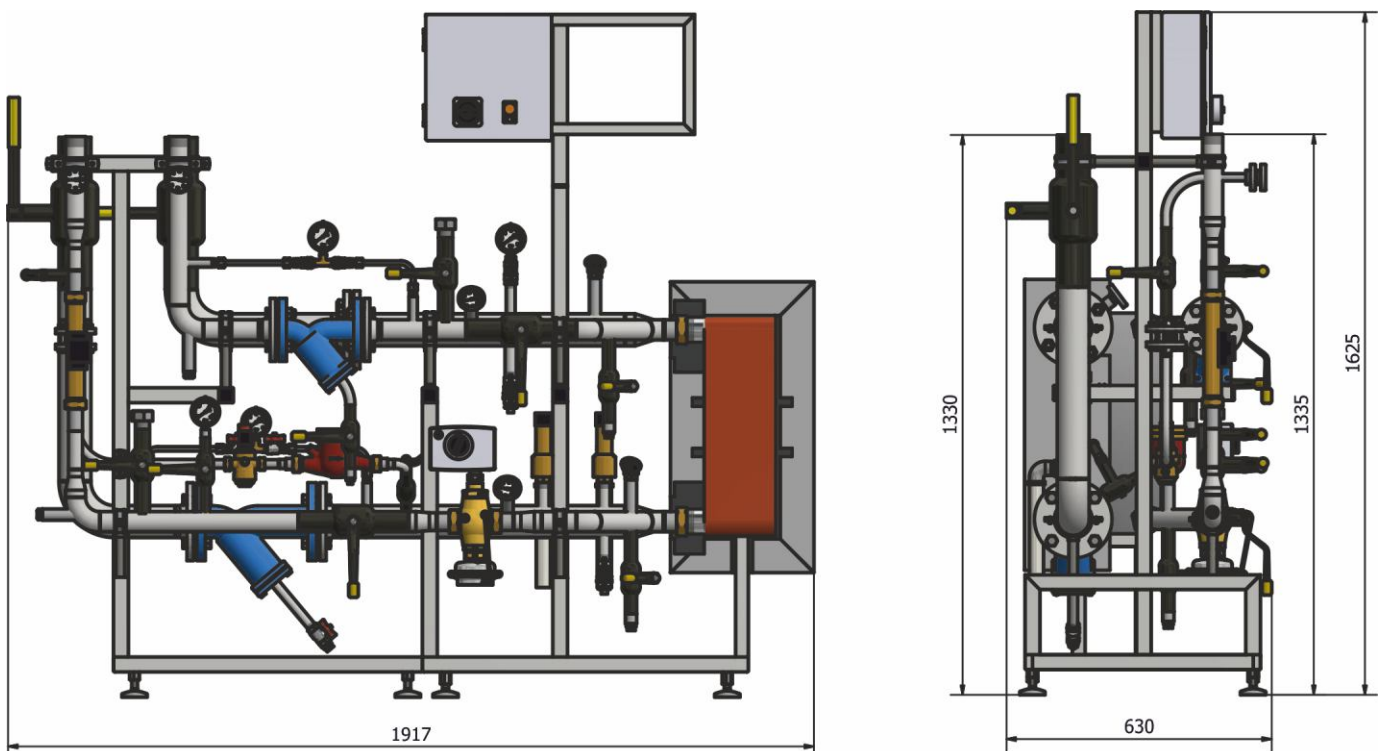
Dalsia floXY – easy and convenient

Circuit diagram



* The specified components are optional.

Design Example



Dalsia floXY – easy and convenient

Type designation of Dalsia floXY district heating units

Type	Pipe connection primary DN mm	Pipe connection secondary DN mm	Dimensions LxDxH mm	Weight kg	Heating power kW				
					90-45/40-70 °C	90-50/40-70 °C	90-55/50-70 °C	90-60/55-75 °C	90-65/60-80 °C
floXY 25	25	40	1900x600x1500	100	150	130	110	100	90
floXY 32	32	50	1900x600x1650	120	225	200	160	150	125
floXY 40	40	65	2000x650x1650	200	350	300	240	225	200
floXY 50	50	80	2300x700x1650	300	500	445	350	330	290
floXY 65	65	100	2500x800x1850	350	650	560	450	430	370

Type	Flow primary m3/h	Pressure loss primary kPa	Flow secondary m3/h	Pressure loss secondary kPa	Pump 40 kPa
floXY 25	3.1	42	4.7	10	Magna 25-100
floXY 32	4.3	49	6.9	10	Magna 32-120
floXY 40	6.9	44	10.3	10	Magna 40-120
floXY 50	9.9	41	15.3	10	Magna 50-120
floXY 65	12.7	44	19.3	10	Magna 65-120

* Subject to change without notice.

Dalsia floXY

Type - -

No insulation	0
Insulation	1
No DHW connection	0
DHW connection	1
Left	L
Right	R
Vertical pipe connection	V
Horizontal pipe connection	H
No pre-setting of heat meter	0
Pre-setting of heat meter	1
No pump	0
Pump 40 kPa	1
No breakdown	0
Split into two pieces	1
No fresh water arrangement	0
Fresh water arrangement	1

Dalsia floXY 11-RV-1011

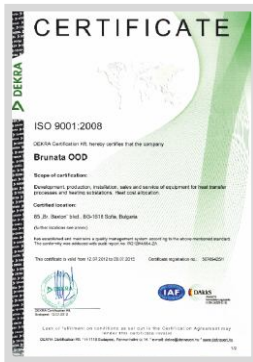


Dalsia floXY – easy and convenient



Dalsia Brunata district heating solutions have served international markets since 1993 with a continuous improvement in design and production capacity. What started as a basic production and is now a fully fledged and modern substation factory with the capacity of making thousands substations per year.

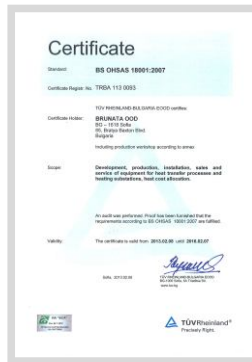
Dalsia Brunata production is ISO 14001 and 9001 certified to ensure top quality of all our products and service. Dalsia Brunata is also certified in accordance with PED 97/23/EC for operation with pressure equipment.



Certificate ISO 9001:2008
Quality management



Approval of quality system
acc. to PED 97/23/EC



Certificate ISO 18001 OHSAS
Occupational health
and safety



Certificate ISO 14001
Environmental
management

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