HydroControl

Reliability simplified

oventrop

Full force.
Strongest flow of them all.
Our new HydroControl.

Learn more at
hydrocontrol.
oventrop.com

HYDROCONTROL BALANCING VALVES

+ For the ***modular hydronic balancing*** of distribution pipes in central heating and cooling systems with closed circuits
+ Flow rate determination by ***differential pressure measurement*** with the **OV-DMC 3 measuring system**
+ ***Y-pattern valve*** with secured, at any time controllable, infinitely adjustable fine presetting
+ All functions ***accessible from the top***
+ Supplied with ***HydroPort*** measuring, drain and fill valves
+ Robust and ergonomic

Large-scale hydronics.
Modular control.

We have made our **HydroControl** even better so that you can work faster and easier. Only one thing hasn't changed: Our new **balancing valves** are also absolutely reliable. And that for a long time - because they are ***Made in Germany***, in the proven Oventrop quality. The new **HydroControl** replaces the previous generation and brings benefits for HVAC professionals and building owners:

BENEFITS FOR CONSULTANTS AND CONTRACTORS

+ ***Simple sizing*** thanks to a wide flow range
+ ***Simple selection:*** measure, drain and fill with HydroPort which are always included
+ ***Best control quality*** even at low settings

BENEFITS FOR WHOLESALERS

+ ***Few versions*** save storage place
+ ***Suitable for every application***
+ ***Modular system:*** Nominal sizes up to DN 400

BENEFITS FOR INVESTORS AND BUILDING OWNERS

+ ***Long-term reliability*** and precisions
+ ***Functional quality***
+ Hydronic balancing ***for every kind of building***

Our new balancing valves
make it easy for you.

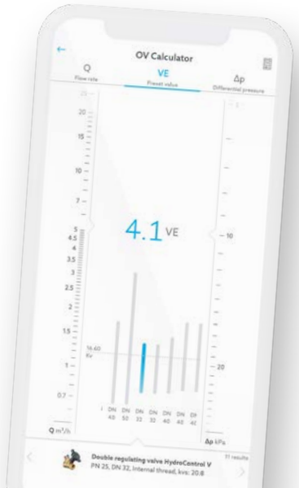
- Faster and easier work
- Absolutely reliable
- Durable Oventrop quality

HYDROCONTROL IN THE ICC SYDNEY

Discover information about the exciting project at oventrop.com/qr/ref_17

Faster sizing and calculation
with HydroSet

HydroSet is the digital slide ruler for the convenient ***calculation of the presetting value.***



Get started at hydroset. oventrop.com

HYDROCONTROL V
Double regulating valve

DN	PN	Connection	Connection size	Kvs	Item no.	Insulation shell
15	25	IT / IT	Rp ½	3.9	1062404	1069610
20			Rp ¾	6.9	1062406	1069611
25			Rp 1	11	1062408	1069612
32			Rp 1 ¼	20.8	1062410	1069613
40			Rp 1 ½	28.7	1062412	1069614
50			Rp 2	42.9	1062416	1069615
15	16	ET / ET	G ¾	3.9	1062604	1069610
20			G 1	6.9	1062606	1069611
25			G 1 ¼	11	1062608	1069612
32			G 1 ½	20.8	1062610	1069613
40			G 1 ¾	28.7	1062612	1069614
50			G 2 ⅜	42.9	1062616	1069615

HYDROCONTROL M
Fixed orifice double regulating valve

DN	PN	Connection	Connection size	Kvs	Item no.	Insulation shell
15 ULF	25	IT / IT	Rp ½	0.19	1065844	1069610
15 LF			Rp ½	0.4	1065834	1069610
15 MF			Rp ½	0.9	1065824	1069610
15			Rp ½	2.2	1065804	1069610
20			Rp ¾	4.3	1065806	1069611
25			Rp 1	8.6	1065808	1069612
32			Rp 1 ¼	15.9	1065810	1069613
40			Rp 1 ½	23.4	1065812	1069614
50			Rp 2	35	1065816	1069615

HYDROCONTROL A
Shutoff valve

DN	PN	Connection	Connection size	Kvs	Item no.	Insulation shell
15	25	IG / IG	Rp ½	4.1	1067524	1069610
20			Rp ¾	7.8	1067526	1069611
25			Rp 1	14.1	1067528	1069612
32			Rp 1 ¼	24.8	1067530	1069613
40			Rp 1 ½	32.4	1067532	1069614
50			Rp 2	49.8	1067536	1069615
15	16	ET / ET	G ¾	4.1	1067624	1069610
20			G 1	7.8	1067626	1069611
25			G 1 ¼	14.1	1067628	1069612
32			G 1 ½	24.8	1067630	1069613
40			G 1 ¾	32.4	1067632	1069614
50			G 2 ⅜	49.8	1067636	1069615

HYDROCONTROL D
Differential pressure control valve

DN	PN	Connection	Connection size	DP range [kPa]	Item no.	Insulation shell
15	25	IT / IT	Rp ½	5–30	1064524	1069620
20			Rp ¾		1064526	1069621
25			Rp 1		1064528	1069622
32			Rp 1 ¼		1064530	1069623
40			Rp 1 ½		1064532	1069624
50			Rp 2		1064536	1069625
15	16	ET / ET	G ¾	5–30	1064624	1069620
20			G 1		1064626	1069621
25			G 1 ¼		1064628	1069622
32			G 1 ½		1064630	1069623
40			G 1 ¾		1064632	1069624
50			G 2 ⅜		1064636	1069625
15	25	IT / IT	Rp ½	25–70	1064724	1069620
20			Rp ¾		1064726	1069621
25			Rp 1		1064728	1069622
32			Rp 1 ¼		1064730	1069623
40			Rp 1 ½		1064732	1069624
50			Rp 2		1064736	1069625

ACCESSORIES

Designation	Item no.
HydroPort adapter to G ¾ external thread	1069601
HydroPort extensions for HydroControl V with insulation shell	1069602
HydroPort extensions for HydroControl M with insulation shell	1069603
HydroPort universal extensions, 2 x 75 mm	1069604
Wire seal kit	1089091

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Subject to technical changes.

Room climate

Hydronics

Stations,
Storage cylinders

Potable water

Oil

Smart Home,
Smart Building

Oventrop is the partner for efficient heating, cooling and clean potable water. The modular systems and services offer pioneering solutions with which all HVAC experts can work – easily and flexibly – from planning to installation, from industry to trade. As a family business, Oventrop accompanies all its partners over many years - competently and personally..

oventrop
Wir regeln das. Seit 1851.

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