



# HydroControl

Reliability simplified

**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 WHOLESALERS



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

#### 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 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

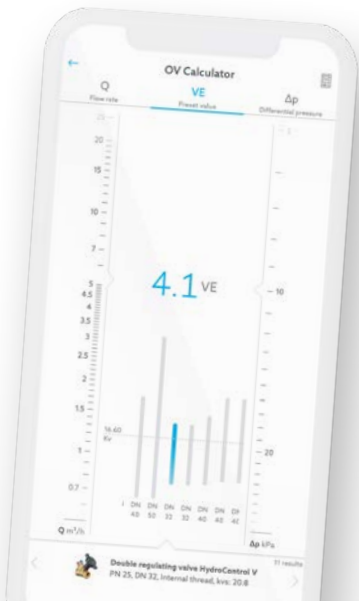
## HYDROCONTROL IN THE ICC SYDNEY



Discover information about the exciting project at [oventrop.com/qr/ref\\_17](https://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](https://hydroset.oventrop.com)

## HYDROCONTROL V

Double regulating valve



## HYDROCONTROL M

Fixed orifice double regulating valve



## HYDROCONTROL A

Shutoff valve



## HYDROCONTROL D

Differential pressure control valve



## ACCESSORIES

| 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 1¼           | 20.8           | 1062410  | 1069613          |
| 40                                                            |       |            | Rp 1½           | 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 1¼            | 11             | 1062608  | 1069612          |
| 32                                                            |       |            | G 1½            | 20.8           | 1062610  | 1069613          |
| 40                                                            |       |            | G 1¾            | 28.7           | 1062612  | 1069614          |
| 50                                                            |       |            | G 2 ⅜           | 42.9           | 1062616  | 1069615          |
| 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 1¼           | 15.9           | 1065810  | 1069613          |
| 40                                                            |       |            | Rp 1½           | 23.4           | 1065812  | 1069614          |
| 50                                                            |       |            | Rp 2            | 35             | 1065816  | 1069615          |
| 15                                                            |       |            | 25              | IG/IG          | Rp ½     | 4.1              |
| 20                                                            | Rp ¾  | 7.8        |                 |                | 1067526  | 1069611          |
| 25                                                            | Rp 1  | 14.1       |                 |                | 1067528  | 1069612          |
| 32                                                            | Rp 1¼ | 24.8       |                 |                | 1067530  | 1069613          |
| 40                                                            | Rp 1½ | 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 1¼            | 14.1           | 1067628  | 1069612          |
| 32                                                            |       |            | G 1½            | 24.8           | 1067630  | 1069613          |
| 40                                                            |       |            | G 1¾            | 32.4           | 1067632  | 1069614          |
| 50                                                            |       |            | G 2 ⅜           | 49.8           | 1067636  | 1069615          |
| 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 1¼           |                | 1064530  | 1069623          |
| 40                                                            |       |            | Rp 1½           |                | 1064532  | 1069624          |
| 50                                                            |       |            | Rp 2            |                | 1064536  | 1069625          |
| 15                                                            | 16    | ET/ET      | G ¾             | 5–30           | 1064624  | 1069620          |
| 20                                                            |       |            | G 1             |                | 1064626  | 1069621          |
| 25                                                            |       |            | G 1¼            |                | 1064628  | 1069622          |
| 32                                                            |       |            | G 1½            |                | 1064630  | 1069623          |
| 40                                                            |       |            | G 1¾            |                | 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 1¼           |                | 1064730  | 1069623          |
| 40                                                            |       |            | Rp 1½           |                | 1064732  | 1069624          |
| 50                                                            |       |            | Rp 2            |                | 1064736  | 1069625          |
| 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          |



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..