

PRODUCT DATA SHEET EWO® DOLOMIT



Laboratoire habilité par le Ministère chargé de la santé en application de l'article R.1321-52 du code de la santé publique

ATTESTATION DE CONFORMITE SANITAIRE

Certificate of sanitary conformity

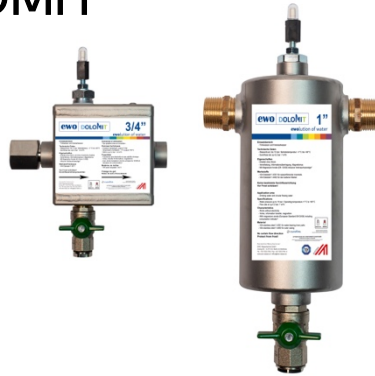
Conformément à l'arrêté du 29 mai 1997 modifié et à la circulaire du Ministère de la Santé Direction Générale de la Santé DGS/SD7A N° 571 du 25 Novembre 2002

Coordonnées du demandeur d'ACS /

Contact details of the ACS owner :

EWO Wassertechnik GmbH
ANZING 48
4113 ST. MARTIN IM MÜHLKREIS
Autriche

Flow direction
DOLOMIT 3/4"



Installation example

APPLICATION

The EWO® DOLOMIT supplies your entire house with optimized water. You always enjoy revitalized water from the tap. Users report a better taste and a softer feeling on the skin when showering. They also found that surfaces are easier to clean. A continuous and permanent function is provided (prerequisite: regular replacement of the magnesium anode, respectively magnesium anodes at dimensions from 4").

FUNCTIONALITY

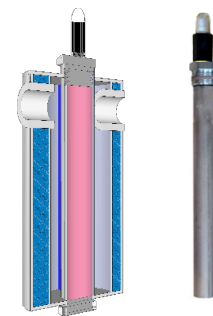
EWO® DOLOMIT works with the 3 mechanisms of the EWO® method and magnesium-anode-technology:

- + turbulence
- + information transfer
- + magnetism
- + magnesium-anode

By combining these mechanisms there is a change the crystalline structure of lime from large calcite to small, round aragonite crystal possible. This effect was shown by a study proven at the University of Bologna



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA



Depending on water consumption and quality, the anode has a service life of approx. 2 years. The anode corresponds to EN12438 – approved for drinking water.

PRE-CONDITIONS FOR INSTALLATION

Local installation regulations, general guidelines and technical data must be noted. The installation location must be frost-proof and ensure protection against chemicals, dyes, solvents, vapors and environmental influences.

EWO® DOLOMIT application limits must be observed.

MOUNTING INSTRUCTIONS

- horizontal mounting between shut off devices (shut-off devices for anode exchange)
- take sufficient space to exchange the anode
- use neutral junctions made of brass, red brass or stainless steel for device connection
- EWO® DOLOMIT (from 1") has no certain flow direction
- keep at least 50cm distance (linear distance) to electrical equipment, e.g. pumps (distance to electrical and electromagnetic fields)
- remove cap nut at the anodes after installation and immediately screw enclosed color capsule (consumption display) hand tight (approx. 4-5Nm)
- do not put live cables on or around water pipes
- the device must not touch damp walls or floors
- it is imperative to install the enclosed electrical bridging (earthing clamps + cables)

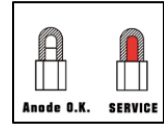
TECHNICAL DATA

EWO® DOLOMIT		TECHNICAL DATA									
Dimension	inch	3/4"	1"	5/4"	6/4"	2"	2 1/2"	DN65	DN80	DN100	DN150
Nominal size	DN	20	25	32	40	50	65	65	80	100	150
Max. water pressure	bar	15									
Operating temperature	°C	1 – 90									
Flow rate Δ 0,2bar	m³/h	1,8	7	11	16	28	44	44	63	112	251
Flow rate Δ 0,5bar	m³/h	n/s	11	17,5	25	45	70	70	100	178	401
Height incl. anode*	mm	280	310	382	464	534	534	505	534	670	730
Diameter	mm	80 (depth)	104	129	154	168	168	168	185	250	355
Clear width without double nipples	mm	249 incl. Double nipples and restrictor	116	149	168	180	180	180 excl. flange	340 incl. flange	400 incl. flange	520 incl. flange
Weight	kg	4,5	4	7,5	12	16,5	16,5	20	30	45	90

*without ball valve

OPERATION AND MAINTENANCE

For the perfect function of the device and as recommended in the Austrian standard ÖNORM EN 806-5 respectively DIN EN 806-5, a regular inspection and maintenance has to be done.



Magnesium anode:

It is a wearing part, that is subject to natural wear and tear.

The magnesium anode has a different service life depending on the water quality and operating conditions. (approx. 2 years)

A visual inspection of the consumption display has to be carried out every three months.

As soon as the color capsule turns red, the magnesium anode must be replaced (at least every 2 years.)



Rinsing:

The device must be rinsed every three months.

SCOPE OF DELIVERY

- 1 EWO® DOLOMIT with thread (3/4" – 2 1/2") or flange (from DN65)
- 1 restrictor (max. 30l/Min.) only DOLOMIT 3/4"
- 1 flush valve
- 2 red brass double nipples (3/4" – 2 1/2")
- 1 electrical bridging (earthing clamps + cables)
- 1 installation instructions

SPARE PARTS

- Magnesium anode
- Flush valve

WARRANTY

The latest version of the national statutory warranty provisions apply.

Contact:

Name: EWO Wassertechnik GmbH
 Street: Anzing 48
 ZIP-Code: 4113
 City: St. Martin/Mühlkreis
 State: Austria
 Tel: +43 7232 2754-0
 E-Mail: office@ewo-wasser.at

The information corresponds to the knowledge available at the time of preparation. Printing errors, mistakes and changes are reserved. Illustrations are not to scale. All information is based on the characteristics of the Austrian market.
 Edition: January 2021

