

# BWT D1 Pressure Reducer

New

## MASTER OF ALL CLASSES



**D1 RED  
STANDARD**



**D1 INOX  
HIGHEND**



**D1 ECO  
ECONOMY**

## *Save water and money*

Powerful, intelligent and quiet as a whisper, it reduces pressure and water consumption. The D1 impresses with a complete range, its hightech materials, innovative design, connection to the BWT App with water-saving calculator and 100 % reliable product quality.



## 1 MASTERPIECE

- Highest flow rate and perfect pressure control due to patented Venturi effect
- Flow optimisation and nozzle grading lead to unique **Kvs value of 9.3 m³/h** (DN25) (known products provide only up to 5.8 m³/h)
- Robust design icon, up to 50 % heavier than comparable products (weight D1 Red DN25: 1.7 kg vs. competitors 1.14 to 1.4 kg)
- Up to 16 or 25 bar inlet pressure



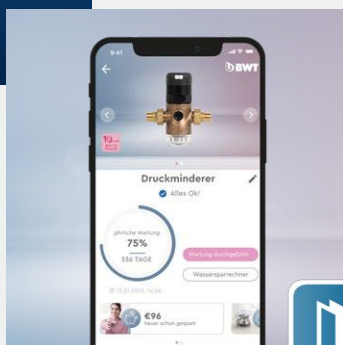
## 2 FULL RANGE

- 3-metal materials: brass UBA – red brass lead free – stainless steel
- High-quality plastic derived from medical technology
- 40 °C cold or hot water up to 85 °C
- Dimension ½" to 2"
- Common lengths for easy exchange
- Full range of spare parts available (75 components)



## 3 INSTANT HYGIENE

- Reminder service in the BWT App for annual maintenance
- Easily monitored via transparent filter screen cup
- Stainless steel screen 160 µm – easy to exchange in a few simple steps
- No need to dismantle the spring housing
- Saves time and money during operation



## 4 APP FOR SAVING WATER AND MONEY

- Best Water Home App with setting aid to optimize the domestic water pressure and to reduce costs
- The water saving calculator shows your customers how much money can be saved
- The target pressure value is set and adjusted in just a few simple steps and without any tools

## BWT D1 Pressure Reducer

BWT D1 protects domestic water systems from excessive supply pressure in accordance with DIN EN 806-2 and DIN 1988-200 and thus helps, to

- avoid pressure-related damage
- reduce water consumption
- ensure sound insulation

A wide range of products, including the spare parts, are available from the start. So, the BWT D1 can be used perfectly for private, industrial and commercial applications.



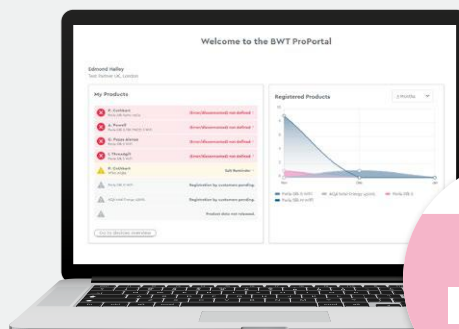
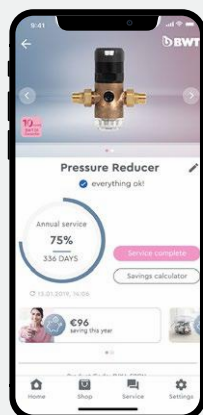
100 mm in 1"...

- common installation length in all dimensions
- easy to exchange during maintenance

## Ingenious Product Range - Modular System

	BWT D1 Eco		BWT D1 Red		BWT D1 Inox	
Type	D1 Eco 40.16	D1 Eco 85.25	D1 Red 40.16	D1 Red 85.25	D1 Inox 40.16	D1 Inox 85.25
Temperature range	Cold water up to 40 °C	Warm water up to 85 °C	Cold water up to 40 °C	Warm water up to 85 °C	Cold water up to 40 °C	Warm water up to 85 °C
Upstream-pressure Downstream-pressure adjustable	16 bar 1.5-7 bar	25 bar 1.5-7 bar	16 bar 1.5-7 bar	25 bar 1.5-7 bar	16 bar 1.5-7 bar	25 bar 1.5-7 bar
Housing material	Brass acc. UBA Positive-List*		Red Brass lead-free acc. UBA Positive-List*		Stainless steel 1.4408	
Filter sieve cup material	High-quality plastic	Brass UBA	High-quality plastic E1 HydroMODUL Size I	Red brass lead free	High-quality plastic E1 HydroMODUL Size I	Stainless steel
Dimension, Specification	DN 15-DN 25 Valve insert, spring housing, sieve + filter cup in uniform size I			DN 15-DN 50 Valve insert, spring housing, sieve + filter cup in 3 sizes: I - 1½" and ¾", II - 1" and ¾", III - ¾" and 2"		

\* Guidelines of evaluation for metal materials in contact with drinking water (Federal Environment Agency Germany)



# D1 – Master of all Classes

## D1 Eco – Economy and More

Order no.	Description	length without/with screw connection in mm
125300271	BWT D1 Eco ½" 40.16	80/136
125300272	BWT D1 Eco ¾" 40.16	90/152
125300273	BWT D1 Eco 1" 40.16	100/170
125300274	BWT D1 Eco ½" 85.25	80/136
125300275	BWT D1 Eco ¾" 85.25	90/152
125300276	BWT D1 Eco 1" 85.25	100/170

## D1 Red – Standard with all Extras

Order no.	Description	length without/with screw connection in mm
125300277	BWT D1 Red ½" 40.16	80/136
125300278	BWT D1 Red ¾" 40.16	90/152
125300279	BWT D1 Red 1" 40.16	100/170
125300280	BWT D1 Red ½" 85.25	105/191
125300281	BWT D1 Red ¾" 85.25	130/220
125300282	BWT D1 Red 2" 85.25	140/254
125300283	BWT D1 Red ½" 85.25	80/136
125300284	BWT D1 Red ¾" 85.25	90/152
125300285	BWT D1 Red 1" 85.25	100/170
125300286	BWT D1 Red ½" 85.25	105/191
125300287	BWT D1 Red ¾" 85.25	130/220
125300288	BWT D1 Red 2" 85.25	140/254

## D1 Inox – High-end without Compromises

Order no.	Description	length without/with screw connection in mm
125300289	BWT D1 Inox ½" 40.16	80/140
125300290	BWT D1 Inox ¾" 40.16	90/160
125300291	BWT D1 Inox 1" 40.16	100/180
125300292	BWT D1 Inox ½" 85.25	105/200
125300293	BWT D1 Inox ¾" 85.25	130/225
125300294	BWT D1 Inox 2" 85.25	140/255
125300295	BWT D1 Inox ½" 85.25	80/140
125300296	BWT D1 Inox ¾" 85.25	90/160
125300297	BWT D1 Inox 1" 85.25	100/180
125300298	BWT D1 Inox ½" 85.25	105/200
125300299	BWT D1 Inox ¾" 85.25	130/225
125300300	BWT D1 Inox 2" 85.25	140/255



The investment in a new D1 pressure reducer is worthwhile! Without tools and in just a few simple steps, the target value is set on the pressure reducer – it's so easy to save water and money!



D1 ECO

- Compact product range: ½"-1"
- Performance-based control
- Replaces common brass models



D1 RED

- Full range up to 2"
- Powerful with reserves
- Modern red brass material



D1 INOX

- Full range up to 2"
- Powerful with reserves
- Best material: stainless steel