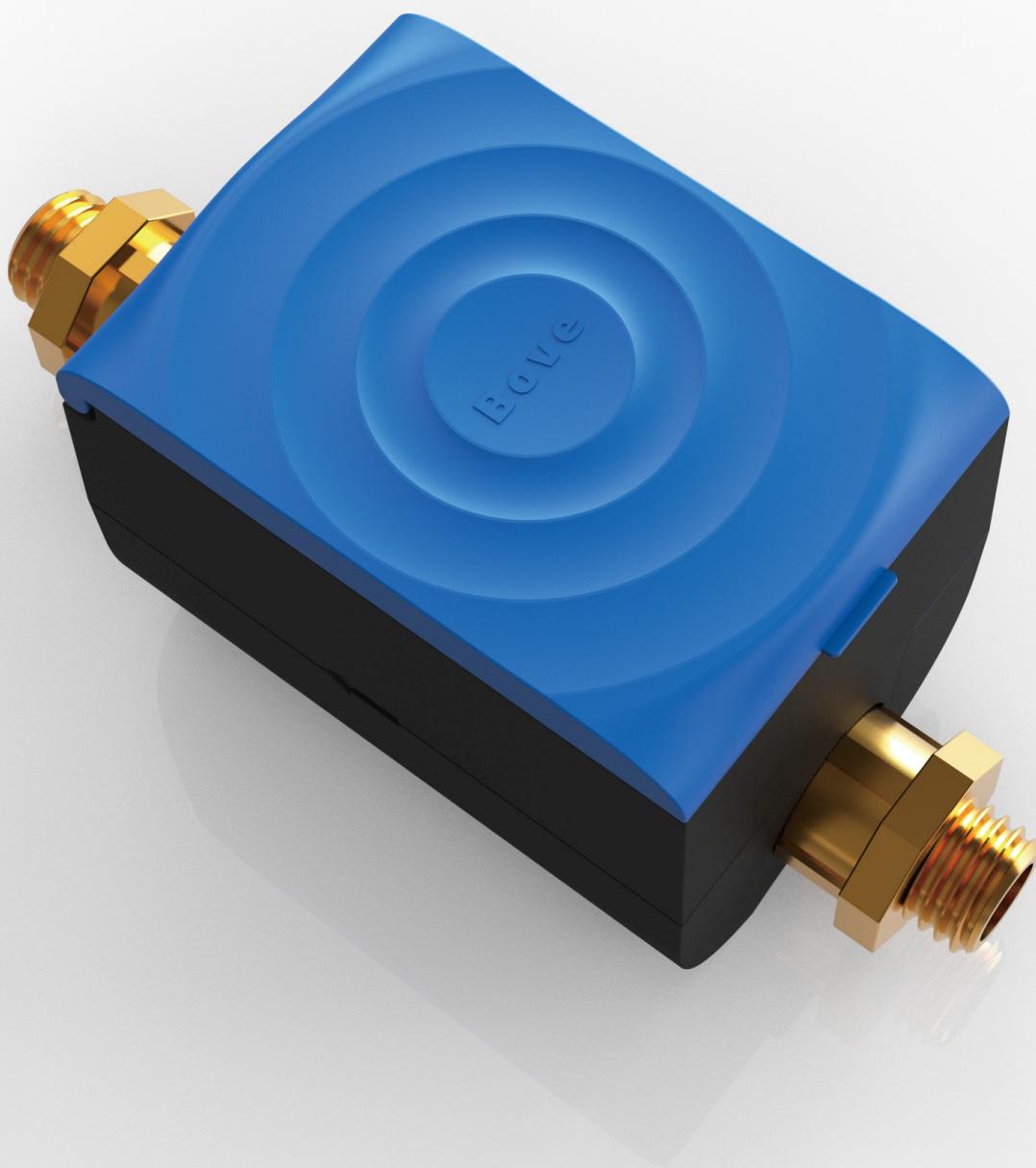


BECO X

Remote Reading Ultrasonic Water Meter, developed for residential application

Qi: 0.005-0.032m³/h

Supporting M-Bus, RS485, Pulse, LoRaWAN, NB-IoT, Sigfox

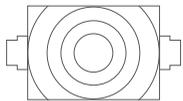


This time, a next-generation ultrasonic water meter, BECO X is released after Bove engineers' two years dedication.

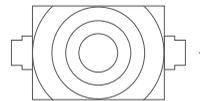
A fresh new firmware enabling an overall power consumption lowering by 18 percent. With same battery plan, BECO X offers our customer a longer period measurement on various communications.



Working together with AMI System, BECO X is able to collect and analyze over millions users' water consuming data. Bove's engineers are able to optimize the meter metrology and communication by utilizing these big data. Utilities also upgrade their water supply network with the help of these water consumption data.



Big but hale, or Performance Monster?
BECO X satisfy you all.



High temperature



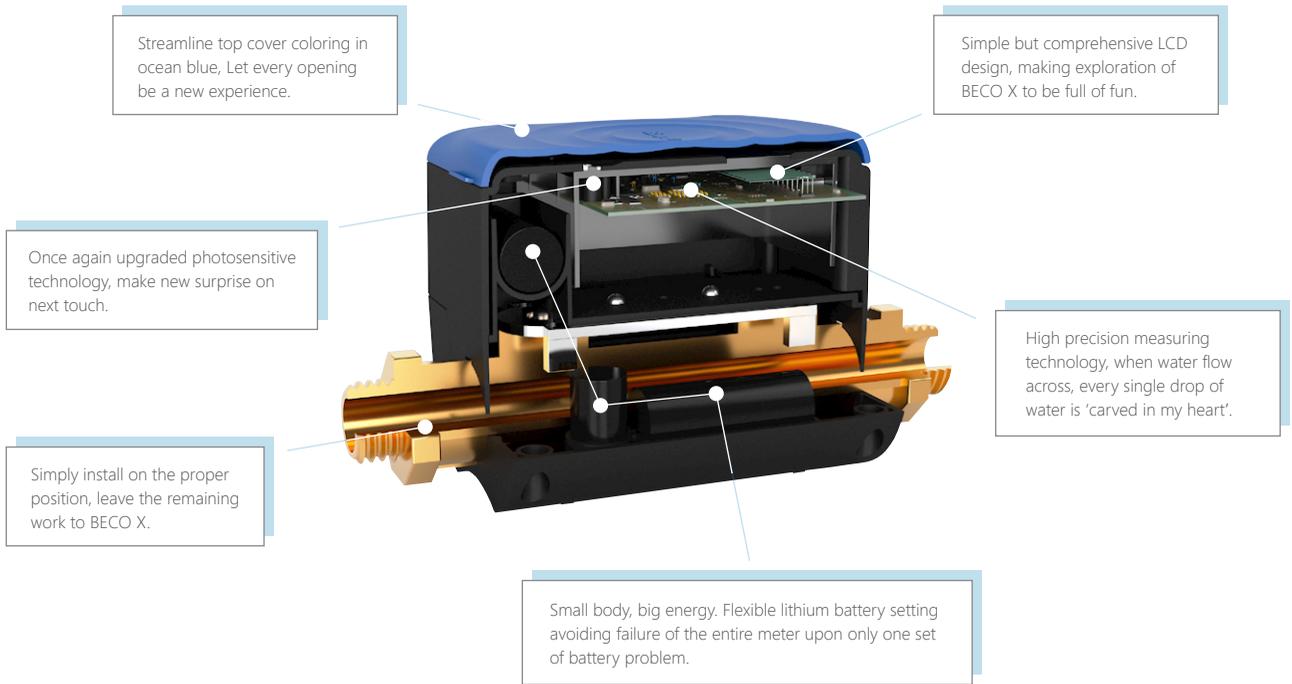
High humidity



UV

'No trouble, no fear'.

We build highly coordinated metering solution for our esteemed customers. At years after re-calibration, BECO X and BOVE's B28 VTB series calibration and testing bench working consistently to make BECO X renew like original.



1. Flexible Battery Life Span

6-16 years

BECO X has no moving parts, presents as IP68, and its body is fabricated from durable brass material. This robust design makes the BECO X maintenance-free and highly precise throughout its flexible 6/ 10/ 16 years battery life depends upon customer needs.

2. Battery Replaceable

Battery is able to get replaced in case of failure of battery sets. This action can be treated by professional engineers without any injection on electronic parts.



3. Proof of Humidity, Water and UV.

BECO X is specially designed for extreme complex environment which has high humidity, high UV.

4. IoT Ready

BECO X supports multiple communication interfaces for both wired and wireless which suitable for any type of installation environment, e.g. M-Bus(EN1434), RS485 (Modbus), Pulse, LoRaWAN, Sigfox, NB-IoT. Leak detection function inside meter help troubleshooting, end- service and saving the most important source of life, water.

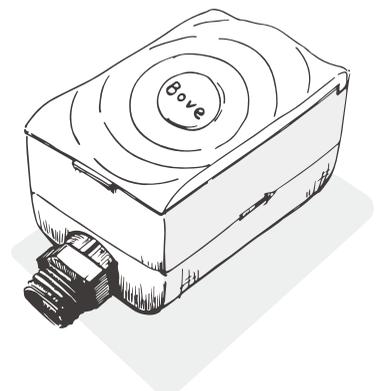


5. Multiple Dynamic Range Options (Q3/Q1)

Application for multiple requirements. R160/ R200/ R250/ R400/ R500. Able to count every drop of water.

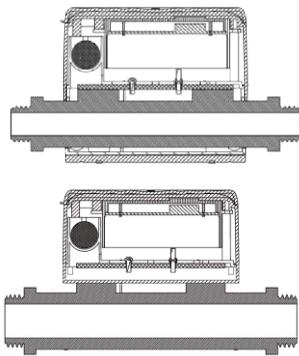
6. Exceptional Industry Design

Golden ratio of Length-Width-Height, splendid color assortment with Ocean Blue & Night Sky Black. Anti-dirty enclosure ensures long duration of tidy outlook same as original meter.

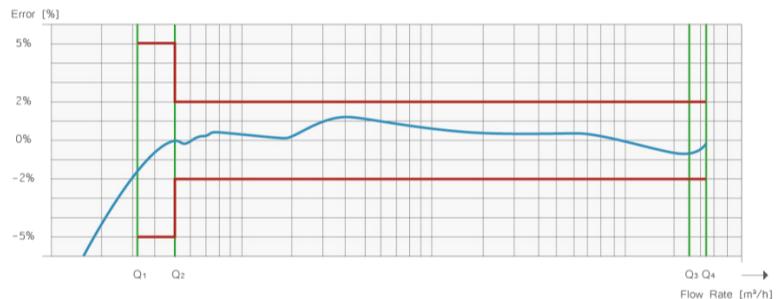


◀◀ DIMENSIONS ▶▶

Model	BECO X - 15	BECO X - 20	BECO X - 25	BECO X - 32	BECO X - 40
Pipe Diameter	DN15	DN20	DN25	DN32	DN40
Q ₁ (m ³ /h) _{@R500}	0.005	0.008	0.0126	0.02	0.032
Q ₂ (m ³ /h)	0.08	0.0128	0.02016	0.032	0.0512
Q ₃ (m ³ /h)	2.5	4.0	6.3	10	16
Connection	G3/4'	G1'	G1 1/4'	G1 1/2'	G2'
Length (mm)	165	195	225	180	200
Width (mm)	81	81	81	81	81
Height (mm)	100	100	118	128	135
Temperature	<ul style="list-style-type: none"> • Medium Range: 0.1°C.....30/50/70°C (T30 / T50 / T70) • Ambient temperature: 5~55 °C • Storage temperature: -20~60 °C 				
Materials	Brass 59-1				
Metrological Class	Class 2 R160/ R200/ R250/ R400/ R500				
Maximum Operation Pressure	1.6 MPa				
Pressure Loss	ΔP ≤ 40kPa				
Pressure Stage	PN16				
Protection Class	IP68				
Stream Field Sensitivity	U5/ D3				
Battery (Optional)	6/ 10/ 16 years service life				
Data Storage (Optional)	24/ 120 logs, daily/ weekly/ monthly.				
Environmental Requirement	E1, M1, B				
Interface & Communication (Optional)	<ul style="list-style-type: none"> • M-Bus • Pulse output • RS485 • LPWAN (LoRaWAN, NB-IOT, Sigfox) 				
Installation	360 degree				
Display and Indication	<ul style="list-style-type: none"> • Unit: L/ m³/ Gal (Optional) • LCD: 8-digit 				
Standard Compliance	<ul style="list-style-type: none"> • EN14154 • ISO4064 • OIML R49 				



BECOX Ultrasonic Water Meter Accuracy Curve



◀◀ WHY CHOOSE Bove Technology..... ▶▶

When it comes to water flow measurement, Bove is the one of the most excellence. And we want to explain why you should trust us when we say that choosing a Bove products equals choosing reliability.

In our manufacturing plant, you will find a dedicated research and development team that gives us the ability to face your local needs and challenges head-on—regardless of size or requirements. And thanks to our in-house laboratories and highly-skilled engineers, we can develop innovative and user-friendly products faster than ever. A manufacturing capacity reaching millions of units in our plant ensuring on-time delivery, and meanwhile Bove ensures the highest level of quality and reliability through standards such as ISO 9001 and ISO 14001.....

Bove Intelligent Technology Co., Ltd
 Add: Level 5, Building 5, No. 36, Changsheng South Road,
 Jiaxing, Zhejiang, China, 314000
 Tel: +86(0)573 83525916
 Email: bove@bovetech.com

www.bovetech.com

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