

## ADVANTAGES OF VTM BALANCING VALVE OVER OTHER MAKES

S. No.	Features	Advantages
a.	Five Functions in One Valve	> <b>Presetting &gt; Measuring &gt; Isolating &gt; Filling &gt; Draining</b>
b.	Linear Flow Characteristics	> Precisely Machined Balancing Discs and Body Seats offer near <b>Linear Flow Characteristics</b> which make flow balancing easy and much more precise.
c.	Oblique Body Pattern	> Complete range of VTM Balancing Valves (15mm to 400mm) comes in Oblique body pattern. This leads to <b>low flow resistance</b> and <b>lower cavitations</b> in comparison to more common valves available in T-Type Pattern design. Thus offer Lower pressure drops and longer Body Life.
d.	Wide Rangeability	> Combination of Oblique Body Design and precise Balancing Disc on VTM Balancing Valves result in much <b>Wider Flow Balancing Range</b> (in acceptable pressure drop range).
e.	15mm to 50mm Valves in Bronze	> 15mm to 50mm VTM Balancing Valves come in high quality Bronze Body. This offers <b>higher corrosion resistance</b> and is not susceptible to cracking under stress in comparison to more commonly available Valves in Brass Body.
f.	Stem Sealing	> All VTM Balancing Valves come in a <b>unique Gland Less design</b> . The <b>double EPDM O-Ring Stem Seals</b> which provide life time maintenance free Sealing.
g.	Multifunction Hand Wheel	> VTM Hand Wheels for Balancing Valves are Infinitely adjustable for <b>Precise Setting</b> and <b>better Valve Authority</b> . > All VTM Balancing valves come with concealed memory feature, as standard, for <b>precise</b> and <b>temper proof Balancing</b> . This also makes re-setting of the valve easy at preset level after isolation.
h.	Guided Balancing Disc	> VTM Balancing valve 65mm onwards, As Standard come with balancing disc which are guided throughout the disc travel range. This not only helps to make the flow more stable but also reduce vibration & sounds which are generally inherent to valves with floating disc designs. This feature improves the <b>durability of the valve internal parts</b> and thus results in <b>better Valve life</b> .
i.	Fusion Bonded Epoxy (Lead Free) Coatings on Body.	> 200+ micron thick Fusion Bonded Coating offers much <b>higher Corrosion &amp; Erosion resistance</b> . > Offers <b>much better valve life</b> especially in humid & Coastal environments. > Coating is <b>Lead Free</b> and thus environment and Health Safe. > This coating has been tested to withstand <b>2000 hrs.</b> of salt spray test.

### V.A. VALVES

📍 Udyog Nagar, Gadaipur, Jalandhar City, Punjab -144004 (INDIA)

☎ +91-181-2601540, 2601541 📠 +91-181-2601741

✉ [vavalves@vtm-utam.com](mailto:vavalves@vtm-utam.com) ; [info@fedrelflowmeters.com](mailto:info@fedrelflowmeters.com)

🌐 [www.vtm-utam.com](http://www.vtm-utam.com) ; [www.vtm-valves.com](http://www.vtm-valves.com) ; [www.fedrelflowmeters.com](http://www.fedrelflowmeters.com)

