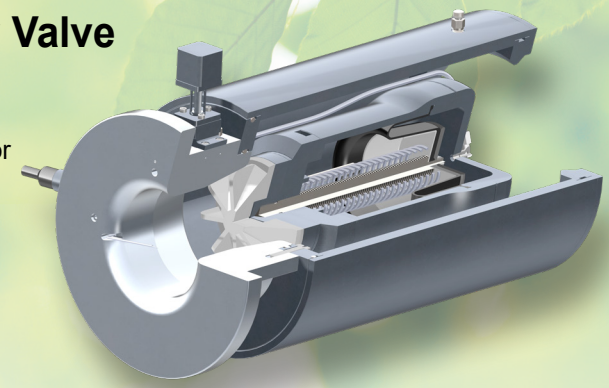
NEWS 2025

FlowCon PRIMO - True PICV Energy Valve



- **Flow measurement** across the built-in averaging pitot
- **Simple control** with the integrated standard stepper motor
- **Pressure independent flow balancing** with the integrated safe guarded diaphragm
- DN100-350 / 4-14" as initial **wide size range**
- **Light weight**
- **BACnet** communication with the BMS system
- **Energy efficient** - low ΔP and high flow
- Internal material: stainless steel, HNBR rubber diaphragm, EPDM o-rings and PTFE stabilizer
- Standard end plate material: aluminum (custom material available)
- Standard casing material: black steel (custom material available)
- **Compact design - minimal length**
- No piping restrictions
- The world's first **Pressure Independent True Energy Valve**.

Valve size	Model no	Close-off pressure	Flow rate (m^3/hr) at stated pressure drop (kPaD) across valve									Kv Venturi[1]
mm (in)		bar	5	10	15	20	25	30	40	50	60	m^3/hr
100 (4)	PRI.04.25.B	25	54	76	93	107	120	132	-	-	-	240
150 (6)	PRI.06.25.B		95	134	165	190	213	233	269	301	329	425
200 (8)	PRI.08.25.B		123	174	213	246	275	301	348	389	426	550
250 (10)	PRI.10.25.B		192	272	333	385	430	471	544	608	666	860
300 (12)	PRI.12.25.B		302	427	523	604	675	739	854	955	1046	1350
350 (14)	PRI.14.25.B		391	553	678	783	875	959	1107	1237	1356	1750

Note 1: Kv is defined as the quantity of water in m^3/hr at 15°C that will flow through the Venturi with a pressure drop of 1 bar. Hence, the Kv Venturi values above are equivalent to 1 bar ΔP.

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