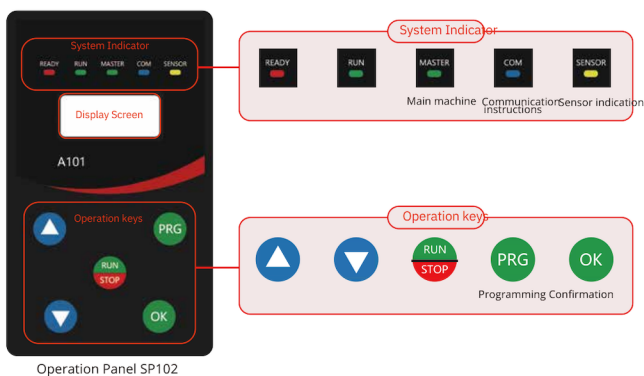


Introducing **Pentaaqua's Twinverto**, a revolutionary all-in-one hydro-booster system, with cutting-edge features that ensure unparalleled performance, designed for modern water management needs. This compact, inverter-based solution is perfect for buildings, houses, bungalows, and commercial establishments, offering efficient and reliable water pressure control.



- **Intelligent Pressure Adjustment:** Automatically adapts pressure levels, ensuring optimal performance without manual intervention.
- **Multipump Cascading:** Cascade control ensures that the next pump starts in case high flow is needed. Supports up to eight pumps, suitable for varied setups from residential to commercial applications.
- **Single Inverter Design:** Fits motors from 0.75 KW to 2.2 KW, simplifying installation and reducing equipment requirements.
- **Direct Motor Mounting:** Streamlines system setup and saves space, ideal for locations with limited area.
- **Integrated Pressure Transmitter:** Offers comprehensive protection with alerts for dry running, low water levels, pump and transmitter failures, and voltage issues.
- **Soft Start and Stop:** Prevents water hammering, protecting infrastructure and extending system lifespan.
- **Constant Pressure Flow:** Ensures a steady and reliable water supply, enhancing user comfort and system efficiency.
- **Space-Saving Design:** The ability to mount directly on the motor and the compact size of Twinverto make it ideal for any installation environment, particularly where space is at a premium.
- **Easy Installation:** Designed for quick and hassle-free setup, Twinverto is user-friendly, reducing the complexity typically associated with pump system installations.
- **Reduced Maintenance:** With built-in protective features and alerts, maintenance requirements are minimized, ensuring long-term reliability and lower operational costs.



Twinverto Models

Model		TwilNV 1.5	TwilNV 2.2	TwilNV 2.2 V
Technical	Rated Flow (Each)	7 m3 at 3.4 bar	12.5 m3 at 3.6 bar	5.5 m3 at 5 bar
	Combined Flow	14-15 m3 at 3.4 bar	24-25 m3 at 3.6 bar	11-12 m3 at 5 bar
	Rated Head	34 m	36 m	50 m
	Approvals & Markings	CE	CE	CE
	Curve Tolerance	ISO9906:2012 3B	ISO9906:2012 3B	ISO9906:2012 3B
	Start Pressure	Integrated Frequency Converter	Integrated Frequency Converter	Integrated Frequency Converter
Materials	Pump Housing	EN 1.4301	EN 1.4301	EN 1.4301
		AISI 304	AISI 304	AISI 304
	Impeller	Stainless Steel	Stainless Steel	Engineering Plastic
		DIN W Nr. 1.4301	DIN W Nr. 1.4301	PPO
		AISI 304	AISI 304	Glass Filled PP
	Rubber	EPDM	EPDM	EPDM
Installation	Maximum ambient Temp.	55 °C	55 °C	45 °C
	Flange standard	Threaded	Threaded	Oval Flange
	Pump Inlet	1.5"	1.5"	1"
	Pump Outlet	1.5"	1.5"	1"
	Dimensions	500 mm (l) x 400 mm (w) x 600 mm (h)	550 mm (l) x 400 mm (w) x 600 mm (h)	550 mm (l) x 400 mm (w) x 600 mm (h)
	Weight	44 kgs.	58 kgs.	64 kgs.
Electrical	Rated Power - P2	1.5 kW	2.2 kW	2.2 kW
	Mains Frequency	50 Hz	50 Hz	50 Hz
	Rated Voltage	1 x 200-240 V	1 x 200-240 V	1 x 200-240 V
	Enclosure Class	IP55	IP55	IP55
	Insulation Class	F	F	F
	Type of cable plug	AU	AU	AU
	Mains Cable	1.5 m	1.5 m	NA
Tank	Tank Volume	8 ltrs / 12 ltrs	8 ltrs / 12 ltrs	8 ltrs / 12 ltrs

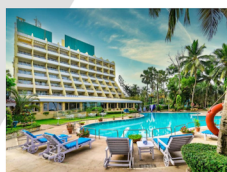
Applications



Housing Societies



Hospitals



Hotels & Resort



Institutes



Industry



Office Complex

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