

Next generation RO control panels loaded with high end features like bluetooth connectivity. Intuitive user interface, quick access to critical parameter settings etc. Beside all standard level, pressure and pump safeties. An improved



Panel Configuration	11	13	33
Overall Size	235(H) x 260(V) x 130(D)		
Cutout Size	190(H) x 222(V)		
Display	16 X 2 alphanumeric display(Dual color)		
Mounting	Wall/ Panel Mount		
Raw Water Pump	2 hp 1Φ	2 hp 1Φ	5 hp 3Φ
High Pressure Pump	3 hp 1Φ	5 hp 3Φ	5 hp 3Φ*
Input	7 SWITCH INPUTS (LPS, HPS, TWT FLT,DOSING TANK LEVEL & RWT LEVEL, AMPV INPUTS (RI1 & RI2)) CONDUCTIVITY/ TDS 2 FLOW INPUT (WITH TOTALISER FOR CHANNEL ONE)		
Output	RWP, HPP, FLUSH SOLENOID VALVE DOSER & ALARM		

· All dimensions are in mm.
*Higher HP. optional
H- horizontal, V- vertical

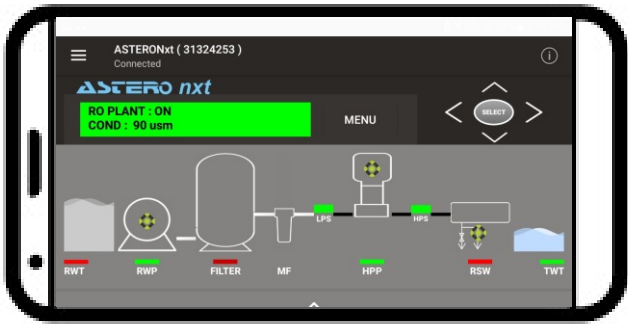
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KEY ATTRIBUTES

- **intuitive & patented user interface**
- **13 key** makes setting much simpler
- **Quick Access** to critical settings
- Logical **START/STOP** with single key
- **Different colored backlit** to show plant status
- **SINGLE LINE MIMIC DIAGRAM** with 13 LEDs for I/O indication
- 16X2 **ALPHANUMERIC LCD DISPLAY** with colour changing feature
- **Bluetooth connectivity** plant status will be reflected on smart phone
- Can **pair with Android device** for data monitoring and control
- **SAME CUTOUT** size as old panel **WITH NUT AND STUD**
- **FUSE FAILURE INDICATION**
- **LARGER POWER TERMINALS** (6 Sq. mm) for easy wiring
- **REMOVABLE TERMINALS** for input
- **AUTOMATICALLY FLUSHES** the membrane during starting, stopping and after a set period,
takes care of required **MOTOR PROTECTION** such as overload/single phasing/dry running
- **AUTO/MANUAL FACILITY** (even in manual mode, motor protection doesn't get bypassed)
- Equipped to **SUIT AUTO-MULTIPORT VALVE** in pre-treatment
- in built protection against **OVER & UNDER VOLTAGE**
- **NOTIFICATION FOR FILTER BACKWASH DUE & PLANT SERVICING DUE**
- **TIME LOCK FACILITY**

* Also available without Bluetooth Modem

Available with:



The Astero NXT has inbuilt Bluetooth connectivity and it can pair with your Android devices for easier data monitoring & control, this feature make it possible to transfer and save data.

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PARAMETER

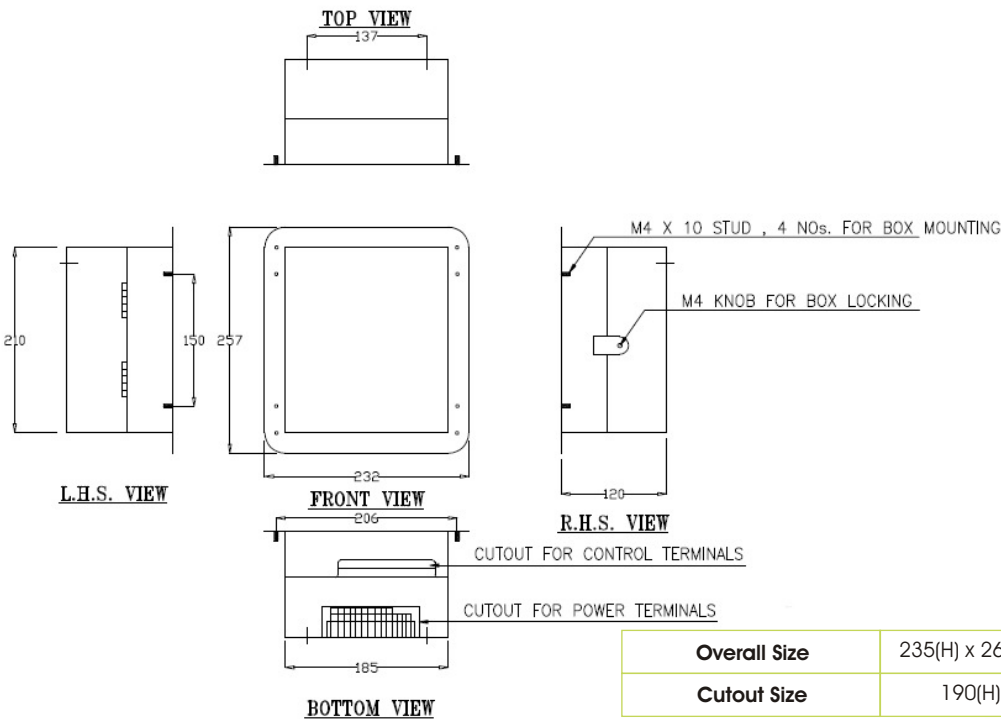
User can connect the android device with panel and monitor/control below parameter.

- Plant START/STOP
- RO Permeate Flow Rate
- Floaty AUTO/BYPASS
- Plant Status
- SYSTEM AUTO/MANUAL
- RO Inlet Flow Rate
- RO Operation Hour
- Feed Pump Current
- Conductivity/TDS
- RO Permeate Volume
- High Pressure Pump Current

FAULTS/ALERTS

Application will display below faults occur and generate an alarm

- Conductivity/TDS high
- Low Pressure trip
- RWP dry running,Single phasing,Overload
- Voltage(under or over) trip
- Treated Water Tank full
- HPP dry running,Single phasing,Overload
- High Pressure
- Dosing tank Level low



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