

# HYDRO PNEUMATIC PRESSURE BOOSTER SYSTEMS MH & MV SERIES



SPECIFICATIONS	MH - Series
Power Range	0.22 kW – 2.2 kW
Head (max.)	57 m
Flow (max.)	Discharge (max) of the individual pump x No. of pumps connected in parallel
Version	1 Ph, 230 V, 50 Hz / 3 Ph, 380 V - 415 V, 50 Hz, A.C. Supply
Degree of Protection	IP 54
Class of insulation	B / F (Optional)
Max. Liquid Temp	90°C
Max. Ambient Temp	40°C
Type of Duty	S1 (Continuous)
Outlet Sizes	1", 1¼", & 1½"

SPECIFICATIONS	MV - Series
Power Range	0.37 kW – 45 kW
Head (max.)	330 m
Flow (max.)	Discharge (max) of the individual pump x No. of pumps connected in parallel
Version	380 - 415 V, 3 Ph, A.C. Supply
Degree of Protection	IP 55 (Optional IP 44, IP 54)
Class of insulation	'F' & 'B' (Optional)
Max. Liquid Temp	-5°C to 120°C
Max. Ambient Temp	40°C
Type of Duty	S1 (Continuous)
Flange Sizes (DIN)	DN 25 to DN 100
Flange Types	Round / PJE

## APPLICATIONS



Hotels



Apartments



Commercial centers



Industries



Golf Course



HVAC



Food processing industry



Reverse osmosis systems



Water purification plants



Washing systems



Small farms

## FEATURES

| Constant Pressure | Sturdy & Compact | Easy To Install | Low Running cost | Energy Saving | Ensures efficient & constant water pressure management throughout the building round the clock | Lesser running cost and reduced energy cost upto 40% compare to conventional constant speed systems | Control panel with VFD, PLC & Pressure Transmitter to meet the end-user's requirement | Reputed make variable frequency drive (VFD) and programmable logic controller (PLC) to regulate the speed of the duty pump as per the required flow rate to maintain constant pressure | Considerable saving in power & Plumbing cost | No manual interference to operate the plumbing system | No OHT or OHR required, so avoids water pollution | Reduces the constructional cost and stress involved in building structure | Low noise & vibration level tough & reliable low maintenance cost | High operating efficiency | The complete system assembled compactly and well mounted on a single rigid base. Occupies lesser space due to its sturdy and compact design