

HYDRO BOOSTER - Variable Speed Pump System

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SPECIFICATIONS

Liquid handled	Type	Water
Installation	In-door or Out-door (option)	
Power source	Phase	Three
	Frequency	50 Hz
	Voltage	415 V +/-10%
Pumps model	EVM (other pump model possible)	
No. of pumps	From 2 to 5 sets	
Control mode	Variable frequency drive	
Operation mode	Parallel or rotation running	

APPLICATIONS

- Domestic : High-rise buildings, Condominiums, Apartments etc.
- Commercial : Office buildings, Hotel, Shopping centres etc
- Industrial : High-rise factories, Manufacturing & Processing industries applications etc.
- Social service : Schools, Hospitals etc.
- Others : Golf-course irrigation etc.

FEATURES & BENEFITS

Energy Saving System

Minimum energy consumed during operation due to the use of variable speed drive system.

Constant Pressure

Constant pressure is possible due to variable speed drive that possess the ability for frictional loss compensation, thus stable pressure system ensured.

High Reliable Operation System

The use of EBARA UN Controller assure system compatibility, thus ensure system reliability and durability.

Easy Operation & Easy Maintenance

Operation data are displayed clearly on the control panel and can be adjusted at ease. Hence user-friendly operation assured.

Detailed Informative Output

System able to provide useful operating information at one glance. No complicated setting required enhance trouble-free system operation.

EBARA Hydro-Booster Variable Speed Pump System - Controller

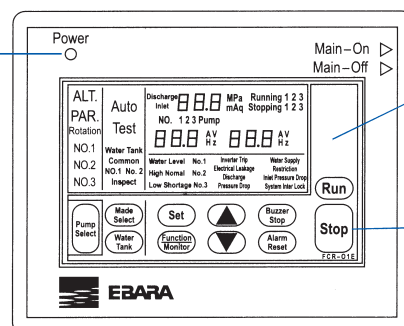
The heart of the system is the EBARA controller unit, which is user-friendly and permit 'One-touch' operation. It controls the sequence of pump operation with signals input from the pressure transmitter and/or flow switch in Auto & Alternate mode. This user-friendly controller unit operates compatible with other electrical components to ensure smooth function of booster system.



EBARA controller unit generally provides the below 'one-touch' functioning features:

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|--|-----------------------------------|
| 1 x Power on indicating light | 1 x Buzzer stop switch |
| 1 x Power selector switch (ALT/PAR/Rotation/Plto P5) | 1 x Alarm reset switch |
| 1 x Mode selector switch (Auto/ Test) | 1 x Run switch |
| 1 x Power main on off switch | 1 x Stop switch |
| 1 x Set switch | 1 x LCD System parameter displays |
| 1 x Function / Monitor switch | |

Power indicating light



System parameters display:

Operation mode
Pump no. in operation
Output frequency & discharge
Water tank & Fault type

Operation pushbuttons:

Run or stop
Pump, mode & water tank select
Parameters set & function monitor
Buzzer stop & alarm reset