



EBARA *Hydro* Booster System

Uniquely EBARA Variable Speed Booster System
Type UE-MONO

Custom built for ideal water supply system...

APPLICATIONS

- Industrial water boosting
- General water supply
- Domestic boosting application

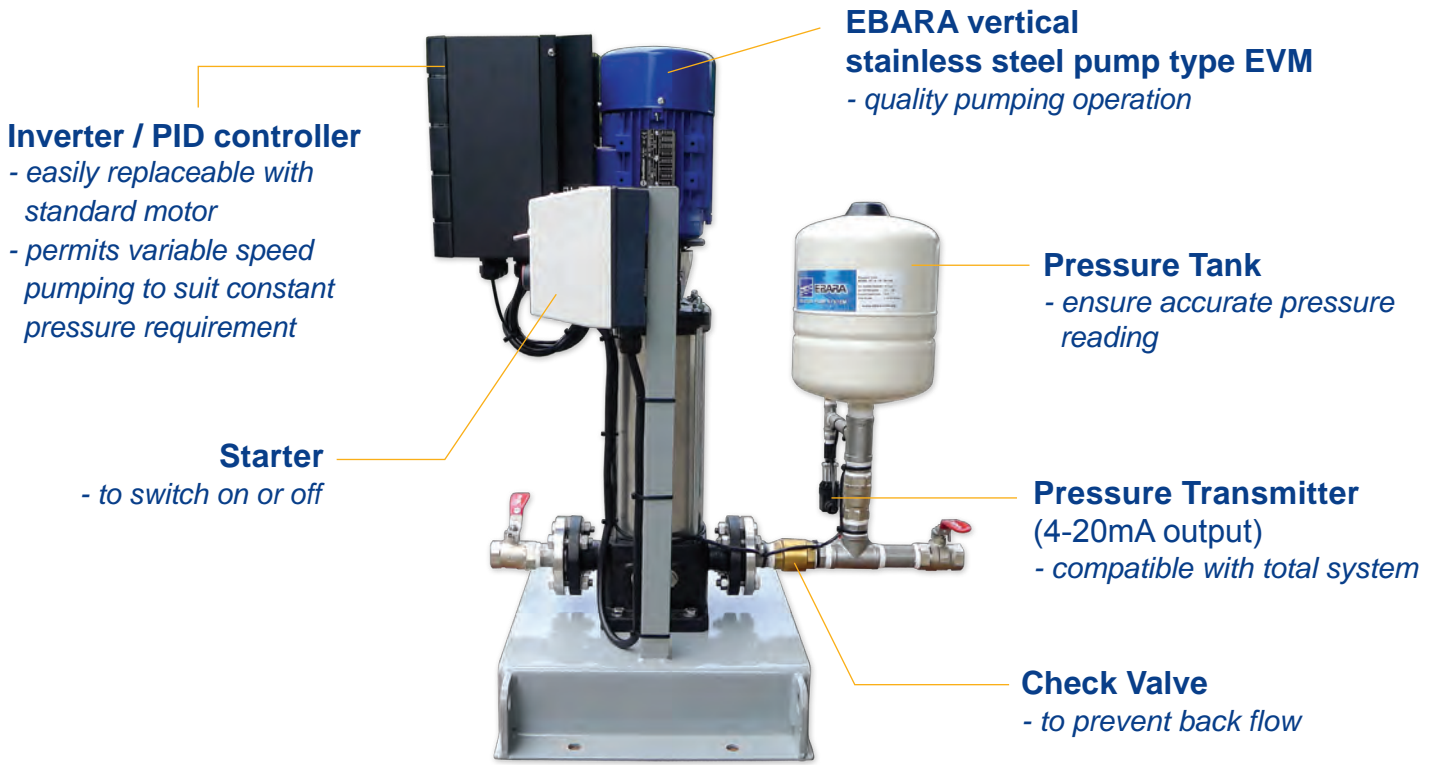
FEATURES

- VFD control
- 0.5 ~ 120Hz output
- LAN communication
- Temperature or Pressure Control (PID)



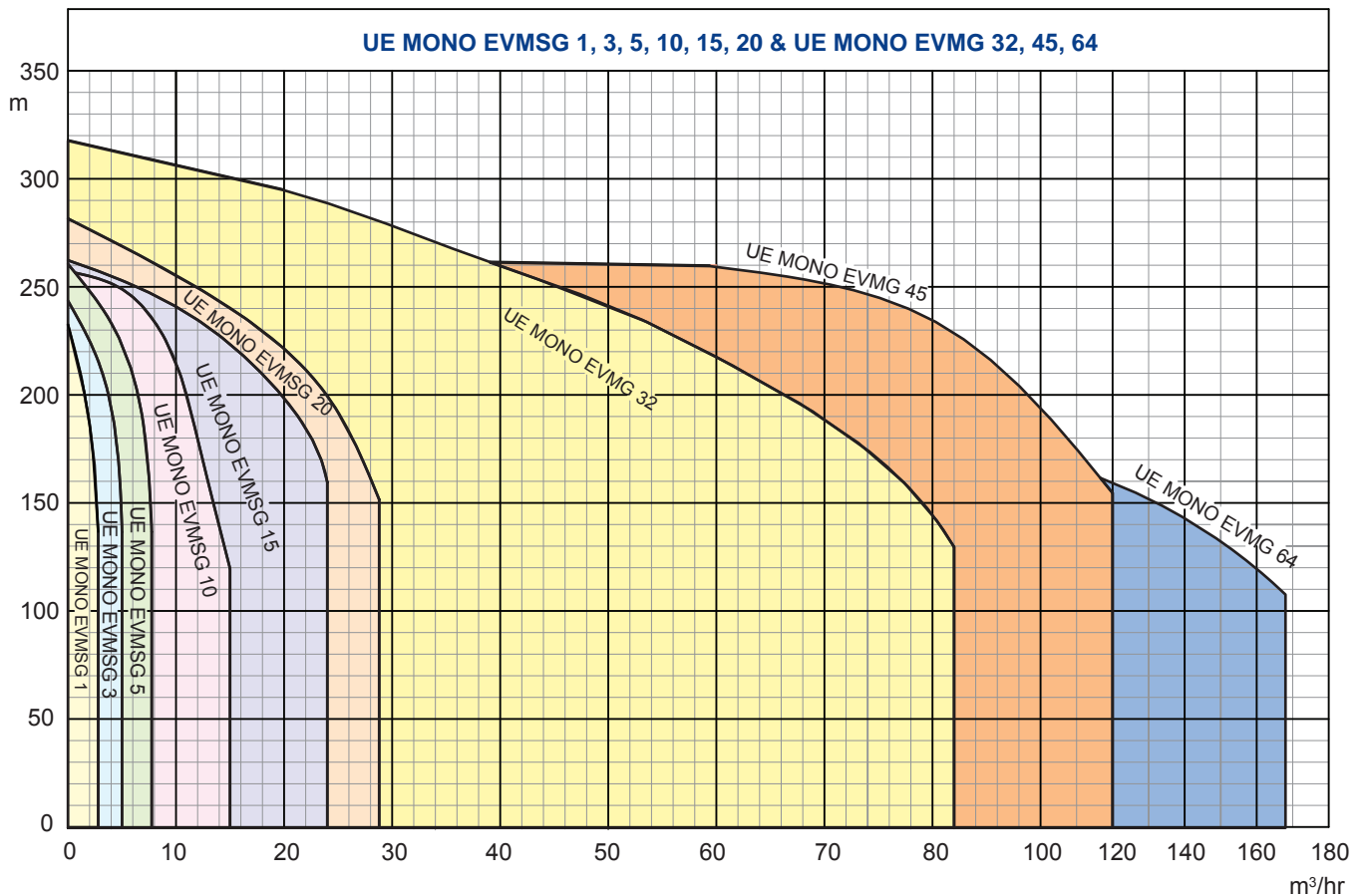
VFD-4000 Series
Controller





PERFORMANCE CURVE

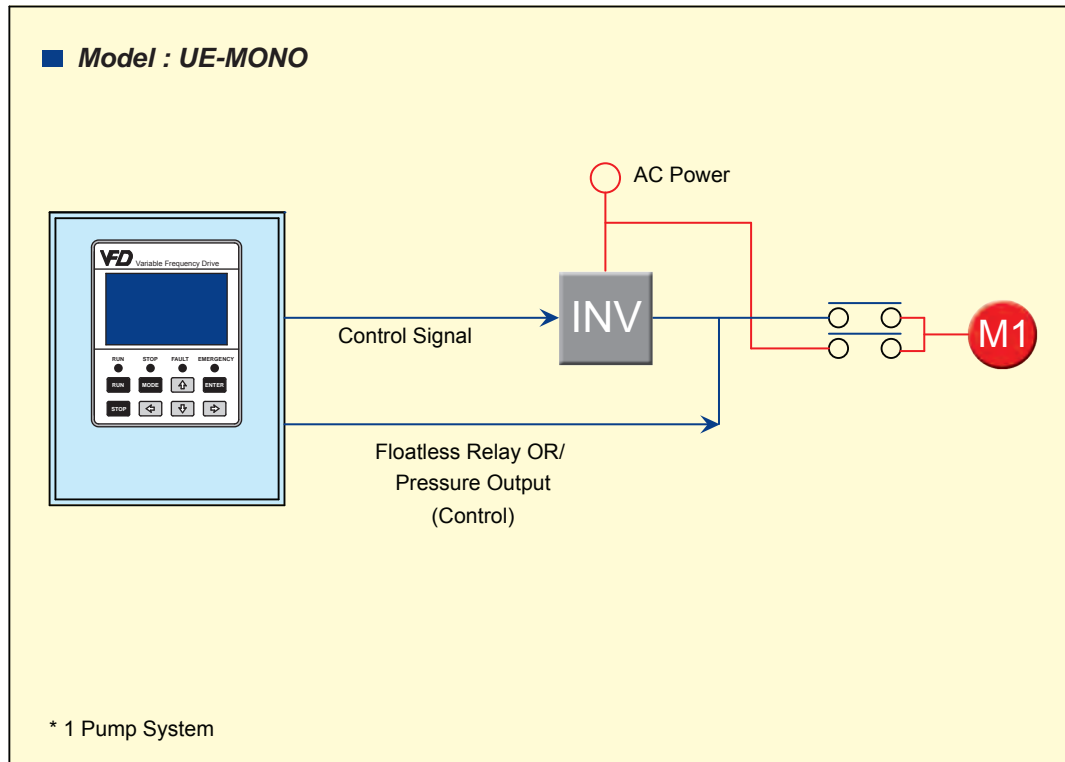
UE MONO EVMSG 1, 3, 5, 10, 15, 20 & UE MONO EVMG 32, 45, 64
 CURVES 2 POLES 50 Hz



SPECIFICATIONS

- Input : 3 phase, 415v 50Hz/60Hz
- 0.75 kW to 18.5 kW available
- Suitable for EBARA vertical pump usage
- Option : Ebara Horizontal pump

SYSTEM OPERATION DIAGRAM



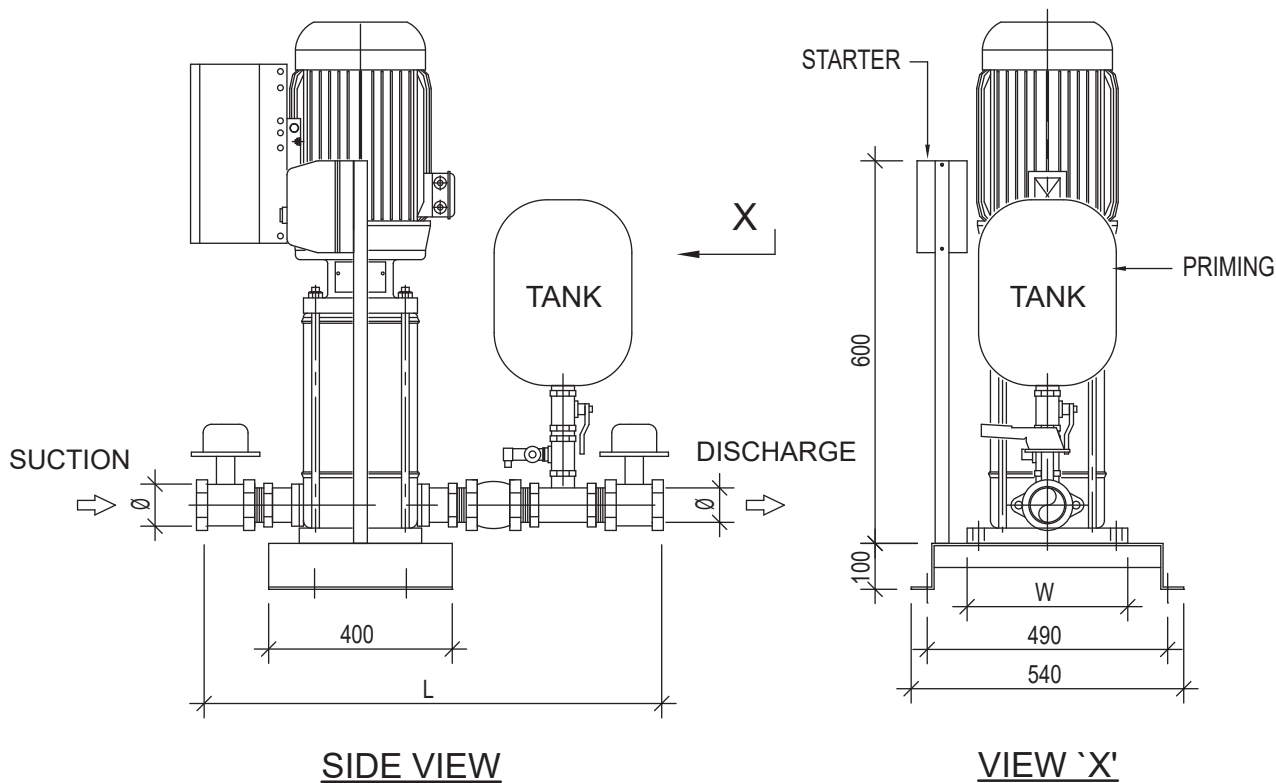
Operation Functional Features

- Booster or/ Inline Make-up Booster unit with constant pressure, differential pressure and temperature control can be achieved with pump VFD PID control.
- Dry running prevention, high & low pressure limit protection, pipe friction loss compensation.

Input Signal & Type of Sensor

- **Constant Pressure Control installation:**
 - Industrial pressure transmitter with 4 to 20mA output signal
- **Differential Pressure control installation:**
 - Industrial pressure transmitter & differential pressure transmitter with 4 to 20mA input signal
- **Temperature control installation:**
 - Industrial temperature transmitter & differential temperature transmitter with 4 to 20mA input signal

DIMENSION



MODEL	DIMENSION	L mm	W mm	TANK LITRE	CONNECTION	
					SUCT. (Ø)	DISC. (Ø)
UEM-EVMS 1		660	210	8	25	25
UEM-EVMS 3		660	210	8	25	25
UEM-EVMS 5		660	210	8	32	32
UEM-EVMS 10		690	250	18	40	40
UEM-EVMS 15		734	250	18	50	50
UEM-EVMS 20		734	250	18	65	65
UEM-EVM 32		708	280	24	65	65
UEM-EVM 45		726	331	24	80	80
UEM-EVM 64		738	331	24	100	100

* Dimensional details are provided for reference only.
 * All specifications are subject to change without prior notice.



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