



## DuraMAC™ Vertical Multistage Variable Speed Triplex Booster System

A.Y. McDonald is happy to announce the addition of the Vertical Multistage Variable Speed Triplex Boosters. This new Triplex Booster system is an addition to our very popular Simplex and Duplex line. A.Y. McDonald is now able to offer a VFD Booster in a Triplex configuration with a 4" header boosting up to 440 gallons per minute.

Contact your territory manager or call customer service at 800.292.2737 for additional information.

### Features

- Easy set-up installation
- Variable speed control
- Stainless Steel pump
- Energy Efficient NEMA TEFC motors
- Liquid filled gauges
- Wafer check valves with soft seat
- Stainless Steel base
- 2" Brass No-Lead isolation valves
- NEMA 1 Enclosure
- Suction and discharge transducers
- Fused disconnect
- 4" Flanged Stainless Steel Manifolds



Model	Description	Pump Boost	Voltage	HP
17062V240Y-3	62 PSI 230V VFD Booster	62 PSI	230 Three Phase	3
17084V240Y-3	84 PSI 230V VFD Booster	84 PSI	230 Three Phase	5
17104V240Y-3	104 PSI 230V VFD Booster	104 PSI	230 Three Phase	5
17150V240Y-3	150 PSI 230V VFD Booster	150 PSI	230 Three Phase	7 1/2
17142V360Y-3	142 PSI 230V VFD Booster	142 PSI	230 Three Phase	10
17060V420Y-3	60 PSI 230V VFD Booster	60 PSI	230 Three Phase	5
17088V420Y-3	88 PSI 230V VFD Booster	80 PSI	230 Three Phase	7 1/2
17062V240Y-34	62 PSI 460V VFD Booster	62 PSI	460 Three Phase	3
17084V240Y-34	84 PSI 460V VFD Booster	84 PSI	460 Three Phase	5
17104V240Y-34	104 PSI 460V VFD Booster	104 PSI	460 Three Phase	5
17150V240Y-34	150 PSI 460V VFD Booster	150 PSI	460 Three Phase	7 1/2
17142V360Y-34	142 PSI 460V VFD Booster	142 PSI	460 Three Phase	10
17060V420Y-34	60 PSI 460V VFD Booster	60 PSI	460 Three Phase	5
17088V420Y-34	88 PSI 460V VFD Booster	80 PSI	460 Three Phase	7 1/2

# PUMPS

# Product Bulletin

18-P-05

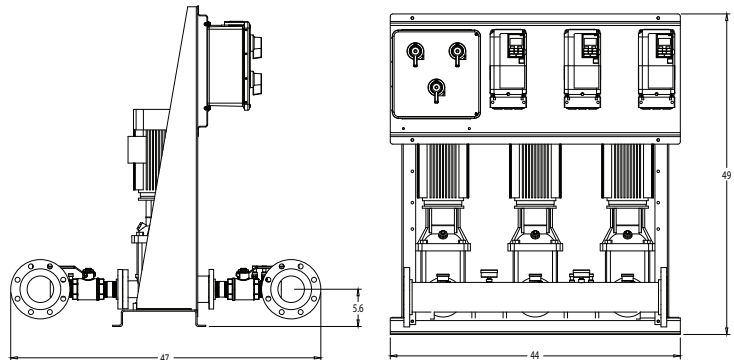
## Control Features

- Variable speed control, speeds up and slows down based on the demand of system, maintaining a constant pressure.
- Lead - Lag pump control to alternate pump starts, allowing equal run times on all pumps for longer life cycles.
- Better system efficiency by applying only the power needed based on the load.
- Password protected parameter settings.
- Real time clock.
- No Flow Mode - puts pump to sleep during no flow conditions.
- Low Suction Alarm to prevent the pump from running if the incoming supply of water is interrupted.
- Internal monitors prevent the pump from running if a pipe is broken or demand exceeds capability.
- Live Zero protects the pump if the transducer cable is broken or damaged.
- Backup system transducer for pump and drive redundancy.



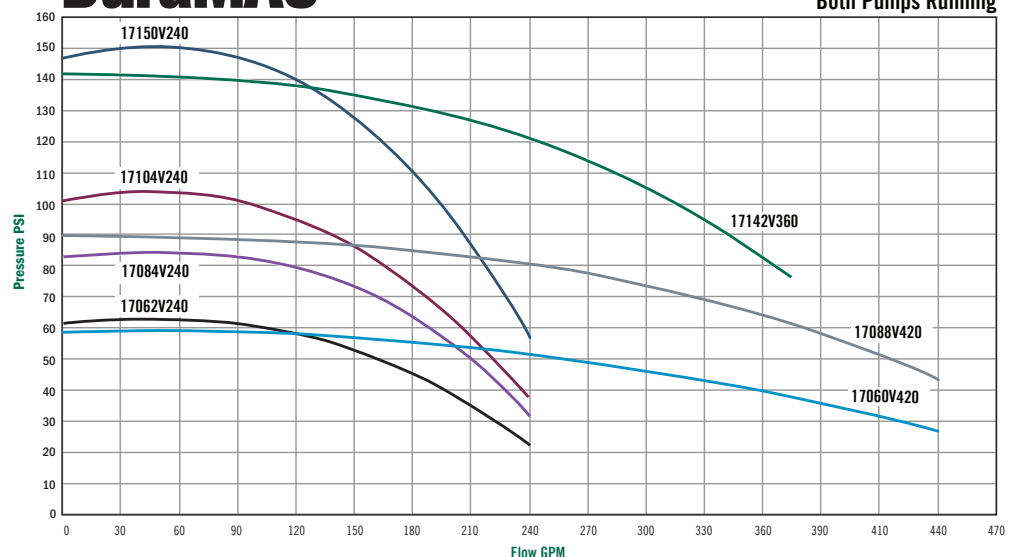
## Materials of Construction

Impellers	304 Stainless Steel
Pump Casing Inlet	301 Stainless Steel
Pump Casing Outlet	301 Stainless Steel
Pump Seal (stationary)	Silicon Carbide
Pump Seal (rotating)	Carbon / NBR
Diffuser	304 Stainless Steel
Base	304 Stainless steel



## DuraMAC™

60 Hz Pump Performance  
Both Pumps Running



Pressure Tank Required (not included).  
Contact Factory for Pricing.