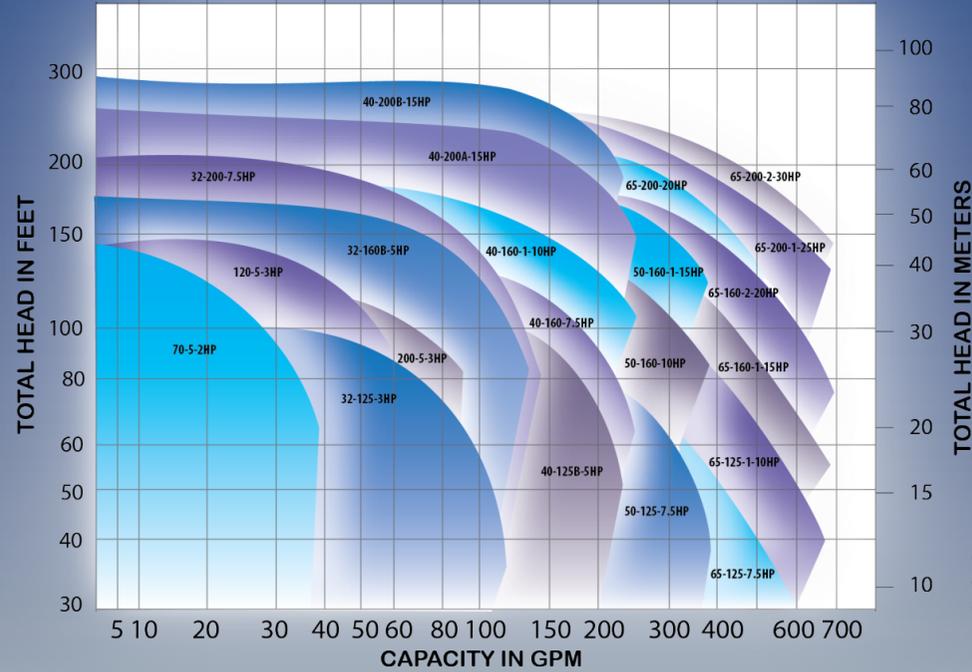
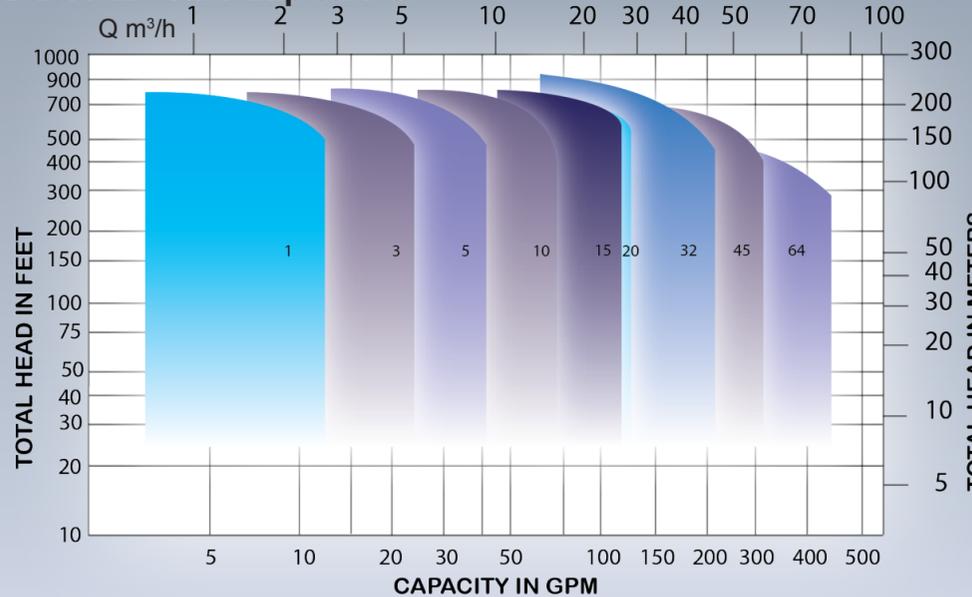


Delta Pak - ES Pump Curves

m³/hour 2.3 4.5 6.8 9.1 13.6 18.1 22.7 34.1 45.4 68.1 90.8 136.3



Delta Pak - VM Pump Curves*



*All curves shown above are single pump performance.

DELTA P CARVER CAN CUSTOM DESIGN ANY HVAC OR BOOSTER SYSTEM



Since our company's inception in 2001, we've been on the leading edge of technology and innovation for commercial HVAC packaged water pump systems. We've led the industry in the use of PLC (Programmable Logic Controller) and VFD (Variable Frequency Drive) controls in booster pump systems. These innovations have allowed our customers to benefit from highly efficient and extremely reliable designs.

Delta P is owned by Carver Pump Company, a name synonymous with engineering excellence and high-quality products. Delta P offers the commercial plumbing and

HVAC industry a broad range of high-quality booster pump packages. These packages include custom-engineered systems for drinking water, RWH irrigation, and HVAC cooling towers. We produce replacement boosters and control panels to provide existing systems with modern technology meeting ASHRAE 90:1 industry standards. Count on us for solid, straightforward, proven designs that provide many years of reliable service.

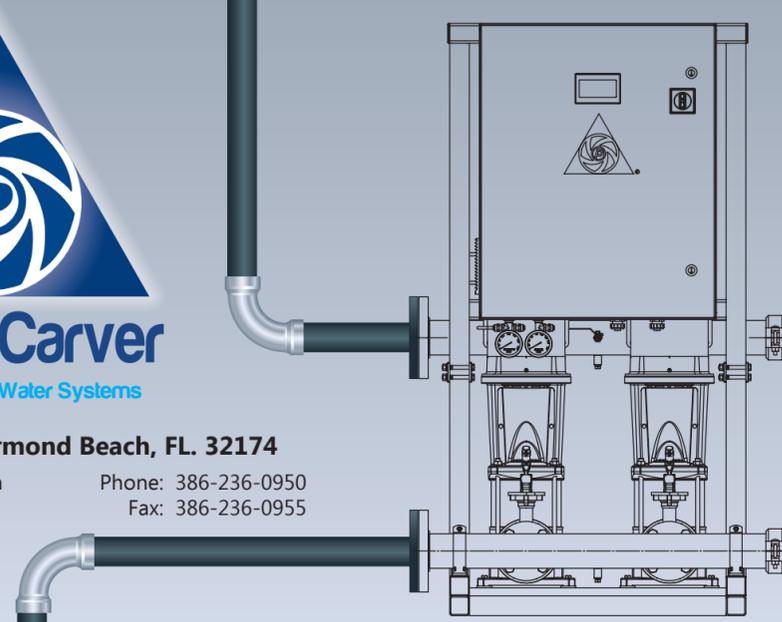
Contact us for design, system sizing and support on your next domestic water project.



14 Sunshine Blvd, Ormond Beach, FL. 32174

Email: sales@deltapcarver.com
Web: www.deltapcarver.com

Phone: 386-236-0950
Fax: 386-236-0955



Delta P Carver

We Put the PSI in Water Systems

Among its many advantages, the NSF/ANSI 61 & 372 certified Delta Pak line of booster packages offers the technical design features of:

- Pre-engineered standard system fits most common duplex, triplex and quad applications
- Can be custom designed to fit customer's footprint requirements and specifications
- (ABB) VFD Controls for each pump to minimize energy costs (ASHRAE 90.1)
- All VFDs designed to maximize pump life and efficiency
- Easy programmable set points, monitored real time with suction and discharge transducers
- Simple system design:
Lug or rolled groove butterfly shut-off valves
No-flow shutdown and low-flow alarms
- Standard control panel features:
Branch motor protection uses manual motor protector 65K AIC,
Single or 3-phase power,
VFDs housed inside panel for security
- NEMA 1, NEMA 3R, NEMA 4, and NEMA 4X 304 SS controllers
- All 304 SS suction and discharge manifolds

Standard Hydraulics

Flows to 700 GPM/Pump, (2000 GPM/System)

Pressure up to 440 PSI

Ebara CDU and 3U Series End-Suction Pumps

Ebara EVMSU/EVMU Series Multistage Pumps

3 year limited warranty on complete system.



Meets the Requirements of
NSF/ANSI - 61 & 372

Delta Pak - ES



Delta Pak - VM

Applications

- Domestic water supply systems
- High-rises and hotels
- Universities and stadiums
- Convention centers
- Commercial wash systems
- Hospital and medical facilities
- Rain water harvesting
- Irrigation systems
- Cooling tower pump systems
- Municipal water pumps
- Domestic water filtration

HVAC Cooling Tower and Irrigation Booster Systems



- Project design builds or plan and spec for buildings with 7-90 floors
- NSF/ANSI 61 & 372 certified pumps and UL certified controls
- 304 SS frame construction for long life and quality
- Chlorinated cooling tower and water treatment systems for bacteria elimination
- High-performance booster system applications up to 1000 feet TDH
- 3 year system warranty
- LCD color touch-screen controls with BACnet or BAS communication
- Meets ASHRAE 90.1 green energy standards
- Pre-engineered standard system (simplex, duplex, triplex and multiplex water booster systems for most HVAC applications)
- Easy programmable set points with suction and discharge transducers that include low-flow and no-flow protection for pumps, tank-level transducers
- Primary and secondary high-pressure audio and visual alarms with multiple pump redundancy
- Single or 3-phase units (208-230v or 460-480v) including custom-control panel designs
- 65K AIC branch motor protection with standard automatic lead-lag cycle rotation

Quiet Pak

- Designed for high-head noise-sensitive locations - hotels/condos/hospitals
- Wall mounted or designed to specification
- 304 SS construction for indoor or outdoor mounting
- Ideal for buildings over 15 floors with limited space
- High-pressure booster system for applications up to 1000 feet TDH
- 1 year warranty
- Variable-speed drives
- Pre-engineered standard system (simplex, duplex and triplex)
- Easy programmable set points
- VFD controls with auto bypass
- 3 phase (208-230v or 460-480v) power
- Pressure monitored in real time with suction and discharge pressure transducers
- Pumps certified to NSF/ANSI 61 & 372
- Flows up to 900 GPM



Control Pak



- UL 508A listed with 24v DC controls
- NEMA 1- 3R- or 4X rated controllers
- MMP motor protection all panels (no fuses)

- Single-point power main disconnect
- Indoor and outdoor installations
- Lightning and surge arrestor
- Preprogrammed PLC with Ethernet (Modbus, BACnet and more)
- 4-10 inch choice for LCD color touch screens
- Single-point power main disconnect
- ABB VFD controls with programmable set points and sleep settings
- Low voltage - 24 VDC touch-safe controls
- Simplex, duplex and multiplex

Mini Pak

- Simplex units
- Flow rates 15-75 GPM
- Boosts 5-50 PSI
- Variable-speed drives
- 1 year warranty
- Pre-engineered standard system
- Programmable set points
- VFD controls with sleep shut down at set point
- Single (220V) or 3 phase (208-230/460v) power
- Simple system design and install with a pressure transducer and gauge

Pump and Tank
Meets the Requirements of
NSF/ANSI - 61 & 372



- NSF 304 SS pump
- NSF 20 gallon tank