

Pioneering for You

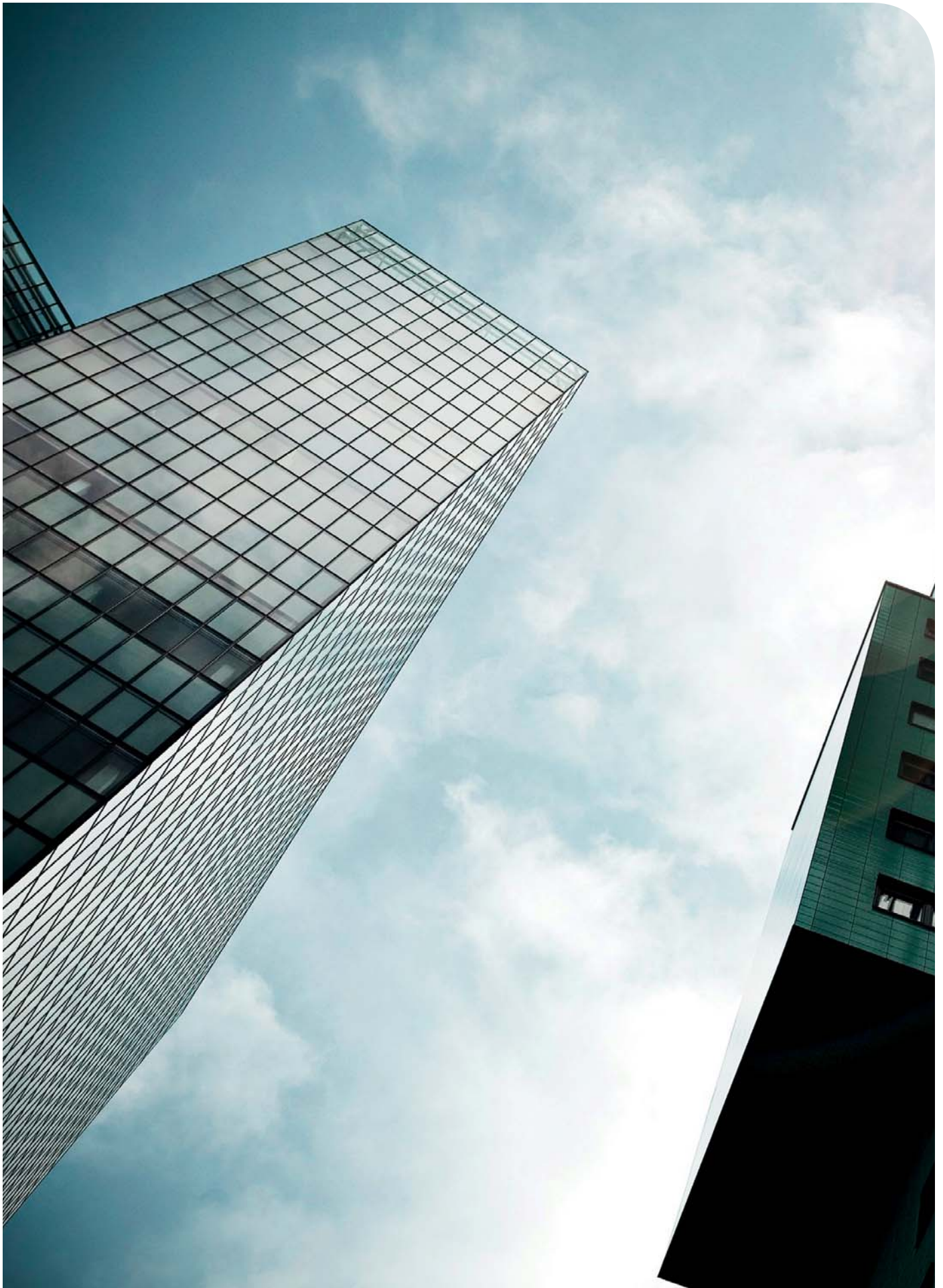


For water supply, constant pressure and boosting applications

Multistage Pumps & Pressure Booster Systems

CO-Helix, Helix, Helix EXCEL Complete, Si-Boost EXCEL





Wilo-CO-Helix

Pressure Boosting Systems



Pictured with optional hydropneumatic tank

Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Washing / Sprinkling Systems
- Cooling Circuits
- Condensate Return

Features & Benefits

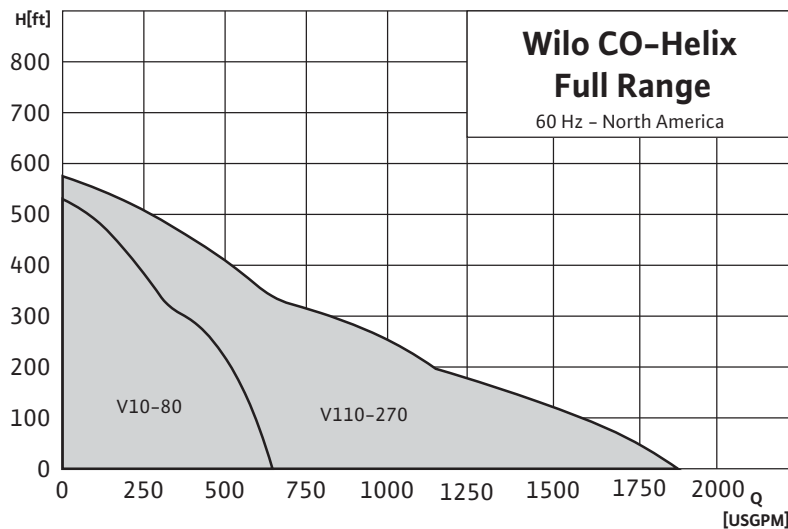
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard ModBUS and optional BacNET and LonWorks interface
- Variable speed control per pump
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

- Liquid Temp Range: -4°F to $+248^{\circ}\text{F}$ (min. 32°F for domestic water)
- Ambient Temp Range: $+32^{\circ}\text{F}$ to $+104^{\circ}\text{F}$
- Electrical Connections: 3~208-230/460/575v
- Rated Pressure: 232 PSI
- Flange Connection: 300 class ANSI
- TEFC motors standard
- Max flow: 550 USGPM
- Max Head: 520 feet

Materials of Construction

- All 304 Stainless Steel Construction
- Pumps certified to NSF/ANSI 61, system pending
- EPDM/FKM Elastomers
- Mechanical Seal Options
- Tungsten Carbide/EPDM, or optional Viton®/FKM Mechanical Seal



Wilo-Si-Boost

High-Efficiency Pressure Boosting Systems



Pictured with optional hydropneumatic tank

Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Washing / Sprinkling Systems
- Cooling Circuits
- Condensate Return

Features & Benefits

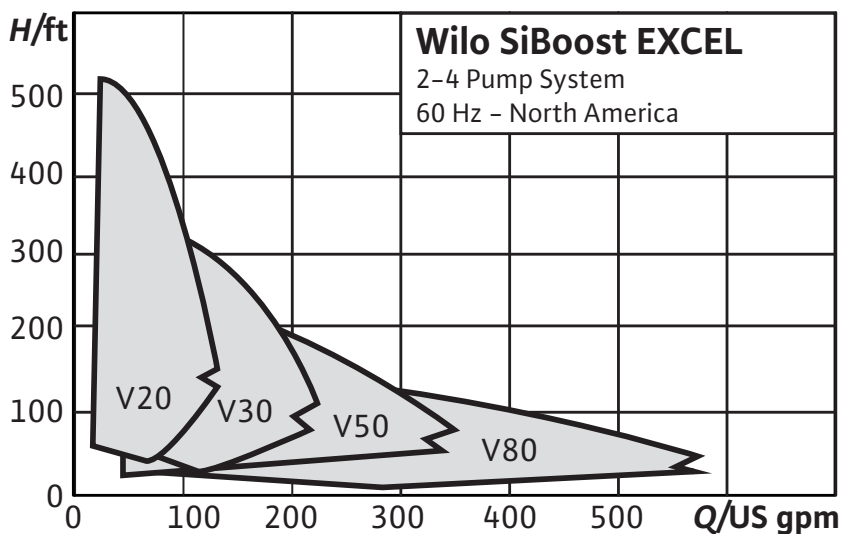
- Includes Helix EXCEL high-efficiency ECM pumps
- Real-time diagnostics and remote monitoring
- Full system kWh energy reporting
- Easy to use 7" touchscreen interface
- Onboard ModBUS and optional BacNET and LonWorks interface
- Variable speed control per pump
- Adjustable low pressure cut-out
- Balanced run time for all pumps

Technical Data

- Temp Range 4°F to 248°F (-15°C to 120°C)
- Electrical Connections: 3~460V
- Rated Pressure: 232 PSI
- Flange Connection: 300 class ANSI
- TEFC motors standard
- Max flow: 575 USGPM
- Max Head: 525 feet

Materials of Construction

- All 304 Stainless Steel Construction
- Pumps certified to NSF/ANSI 61, system pending
- EPDM/FKM Elastomers
- Mechanical Seal Options
- Tungsten Carbide/EPDM, or optional Viton®/FKM Mechanical Seal



Wilo-Helix EXCEL Complete

High-Efficiency Booster Pump Package



Pictured with optional hydropneumatic tank

Applications

- Water Supply
- Pressure Boosting
- Agriculture
- Washing / Sprinkling Systems
- Cooling Circuits
- Condensate Return

Features & Benefits

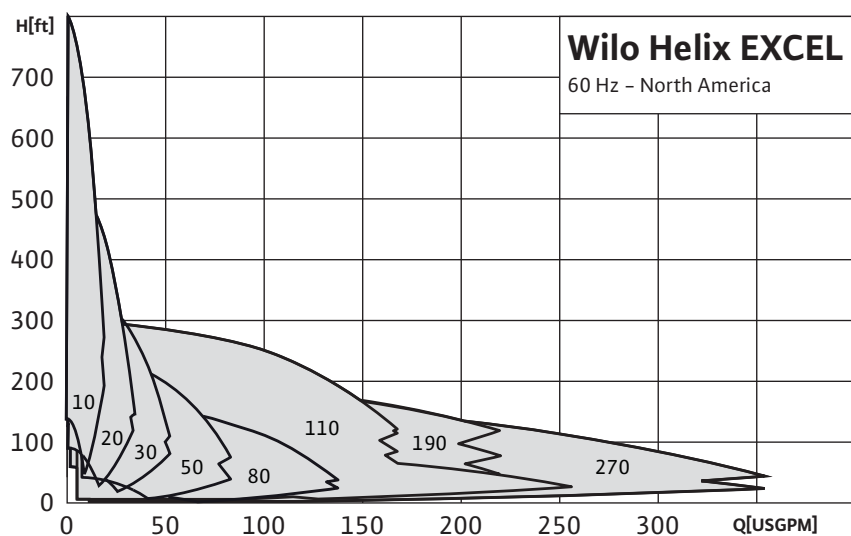
- Highest efficiency motor-drive combination on the market
- Up to 50% energy savings verses standard pump and motor assemblies.
- 'Red Button' technology and LED display
- Various control modes: Δ PV, Δ PC, speed, PID
- Catridge seal for easy maintenance
- Optional communication protocol gateways for BacNET, ModBUS and LONworks

Technical Data

- Temp Range: -5°F to 250°F (-20°C to 121°C)
- Electrical Connection: 3~460V
- Pressure rating: 232 PSI
- $1\frac{1}{4}$ "-3" NPT connections
- Max flow: 360 USGPM
- Max Head: 800 feet

Materials of Construction

- 304 stainless steel construction
- Pump certified to NSF/ANSI 61, system pending
- Stainless Steel Volute, Impeller & Shaft
- Tungsten Carbide/EPDM, or optional Viton®/FKM Mechanical Seal



Wilo-Helix V10-80

Vertical Multistage Pumps



Applications

- Water Supply / Pressure Boosting
- Condensate Return
- Boiler Feed
- Washing / Sprinkling
- Process Engineering
- Cooling Circuits

Features & Benefits

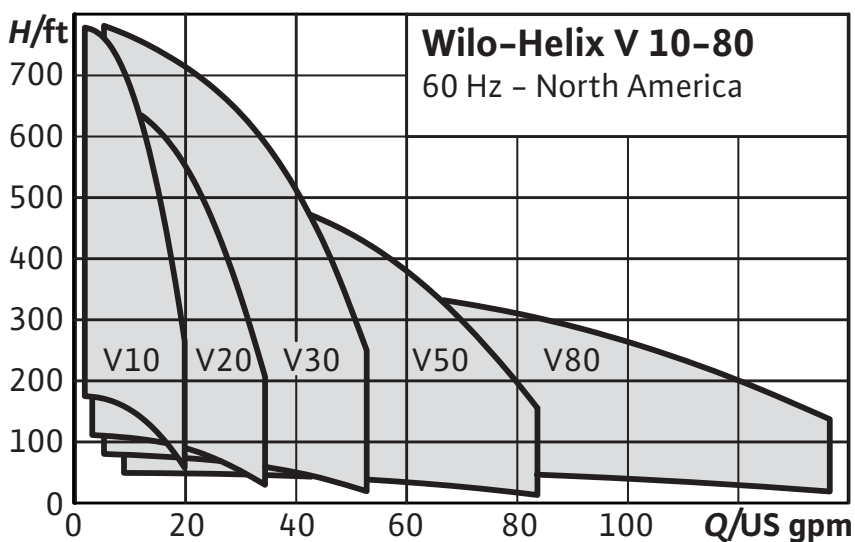
- Cartridge seal design for easy serviceability
- 3D Laser welded Impellers for improved hydraulic efficiency
- Integrated thrust bearings for reduced motor stress
- Pump lifting lugs
- Heavy duty pump base

Technical Data

- NEMA Premium Efficiency Motors
- Temp Range: -5°F to 250°F (-20°C to 121°C)
- Electrical Connections: 3~208-230/460/575V
- Flange Connection: 300-class ANSI
- Pressure Range: 232 PSI or 363 PSI
- Max flow: 130 USGPM
- Max Head: 750 feet

Materials of Construction

- 304 Stainless Steel Construction Certified to NSF/ANSI 61
- Stainless Steel Volute, Impeller & Shaft
- Tungsten Carbide/EPDM, or optional Viton®/FKM Mechanical Seal







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WILO USA LLC

888-945-6872
www.wilo-usa.com
info@wilo-usa.com

WILO Canada Inc.

866-945-6236
www.wilo-canada.com
info@wilo-canada.com

WILO Mexico

+52 442 167 00 32
www.wilo-mx.com
info@wilo.com.mx