waterway™

Designed, Engineered & Manufactured in the USA

Spa Pumps

For All your portable & in-ground spa needs

VGB 2017 NSF UL CSA ihta APSP

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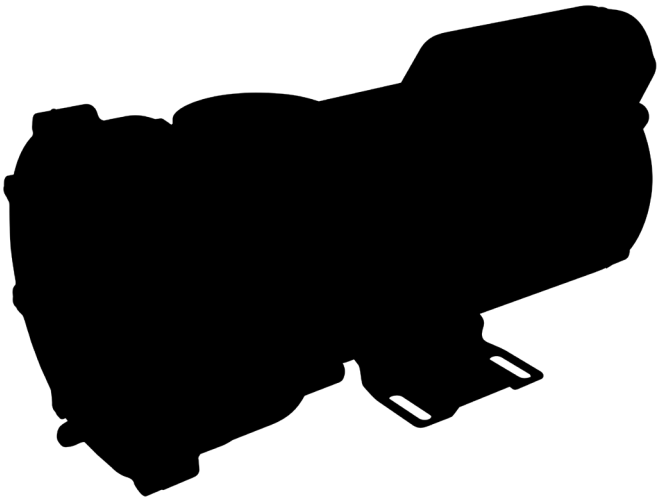
EX2 - 2 Speed Pump

Features:

- High performance two speed pump design
- 1.5 horsepower special (1.0 true break THP), 9.5 Amps, 115 VAC
- Proven EX2 wet end
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt
- Direct replacement for Aqua-Flo XP2 pumps
- Super quiet, cool running system
- Ultra-durable construction
- Eliminates the need for a separate circulation pump and associated plumbing
- Easy to install and maintain



Power Defender EX2 Pump	
Part #	Description
PD-110X	Power Defender EX2 2-Speed, 1.5 THP SPL

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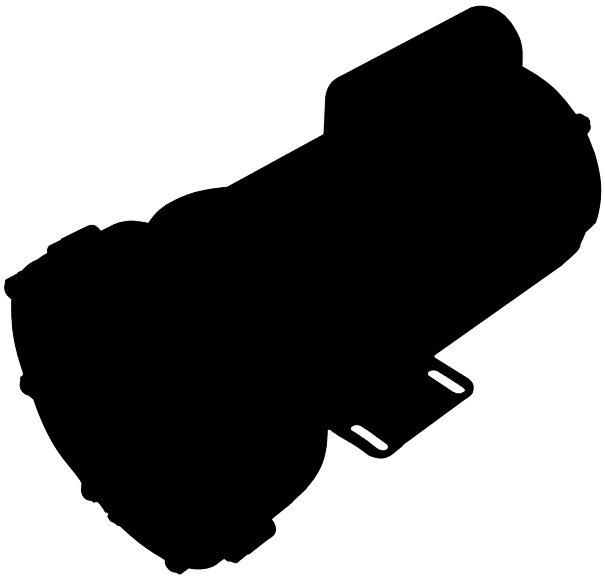
Viper



Features:

- Designed for low pressure, high volume systems
- Viper wet end designed specifically for 56-frame motors
- Large 8" diameter wet end allows for more volume
- Large 2 ½" intake and discharge for improved flow performance and reduced noise
- Highly versatile wet end can be rotated every 90°
- 56-frame motor for added strength, cooler operating temperature and longer life
- Two double shielded ball bearings with moisture resistant grease for quieter operation and longer life
- Thermally protected to extend life expectancy of motor
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt

Viper 56-Frame Pump	
Part #	Description
3721221-1V	2 ½" Intake - 2 ½" Discharge, 2 speed, 3 THP
3721621-1V	2 ½" Intake - 2 ½" Discharge, 2 speed, 4, THP
3722021-0V	2 ½" Intake - 2 ½" Discharge, 2 speed, 5 THP
3711621-0V	2 ½" Intake - 2 ½" Discharge, 1 speed, 4 THP
3722021-0V	2 ½" Intake - 2 ½" Discharge, 1 speed, 5 THP

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EXECUTIVE 56

Features:

- Executive wet end designed specifically for the 56 frame motors
- Two double shielded ball bearings with moisture resistant grease for quieter operation and longer life
- Two speed motors have four sets of insulated windings for high performance
- 56 frame motor for added strength, cooler operating temperature and longer motor life.
- Large 2 ½" intake for improved flow performance and reduced noise
- Large 6 ½" diameter wet end for higher head pressure and energy efficiency
- Split capacitor, (start and run) for less energy consumption
- Thermally protected to extend life expectancy of motor
- Highly versatile wet end can be rotated every 90˚
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt
- CE and TUV certification on export pumps to ensure product performance for you and your customers

Executive 56 Frame Pump	
Part #	Description
3720821-1D	2" Intake - 2" Discharge, 2 Speed, 2 THP,230V
3720821-13	2 ½" Intake - 2" Discharge, 2 Speed, 2 THP, 230V
3721221-1D	2" Intake - 2" Discharge, 2 Speed, 3 THP, 230V
3721221-13	2 ½" Intake - 2" Discharge, 2 Speed, 3 THP, 230V
3721621-1D	2" Intake - 2" Discharge, 2 Speed, 4 THP, 230V
3721621-13	2 ½" Intake - 2" Discharge, 2 Speed, 4 THP, 230V
3722021-1D	2" Intake - 2" Discharge, 2 Speed, 5 THP, 230V
3722021-13	2 ½" Intake - 2" Discharge, 2 Speed, 5 THP, 230V
3710821-1D	2" Intake - 2" Discharge, 1 Speed, 2 THP, 230V
3710821-13	2 ½" Intake - 2" Discharge, 1 Speed, 2 THP, 230V
3711221-1D	2" Intake - 2" Discharge, 1 Speed, 3 THP, 230V
3711221-13	2 ½" Intake - 2" Discharge, 1 Speed, 3 THP, 230V
3711621-1D	2" Intake - 2" Discharge, 1 Speed, 4 THP, 230V
3711621-13	2 ½" Intake - 2" Discharge, 1 Speed, 4 THP, 230V
3712021-1D	2" Intake - 2" Discharge, 1 Speed, 5 THP, 230V
3712021-13	2 ½" Intake - 2" Discharge, 1 Speed, 5THp, 230V

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EXECUTIVE 48

Features:

- Executive wet end designed specifically for the 48 frame motors
- Large 2 ½" intake for improved flow performance and reduced noise
- Large 6 ½" diameter wet end for higher head pressure and energy efficiency
- Thermally protected to extend life expectancy of the motor
- Highly versatile wet end can be rotated every 90˚
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt

Executive 48 Frame Pump	
Part #	Description
3420410-1A	2" Intake - 2" Discharge, 2 Speed, 1.0THP, 115V
3420410-13	2 ½" Intake - 2" Discharge, 2 Speed, 1.0 THP, 115V
3420610-1A	2" Intake - 2" Discharge, 2 Speed, 1.5 THP, 115V
3420610-13	2 ½" Intake - 2" Discharge, 2 Speed, 1.5 THP, 115V
3420620-1A	2" Intake - 2" Discharge, 2 Speed, 1.5 THP, 230V
3420620-13	2 ½" Intake - 2" Discharge, 2 Speed, 1.5 THP, 230V
3420820-1A	2" Intake - 2" Discharge, 2 Speed, 2.0 THP, 230V
3420820-13	2 ½" Intake - 2" Discharge, 2 Speed, 2.0 THP, 230V
3421221-1A	2" Intake - 2" Discharge, 2 Speed, 3.0 THP, 230V
3421221-13	2 ½" Intake - 2" Discharge, 2 Speed, 3.0 THP, 230V
3421821-1A	2" Intake - 2" Discharge, 2 Speed,4.5 THP, 230V
3421821-13	2 ½" Intake - 2" Discharge, 2 Speed, 4.5 THP, 230V
3410410-1A	2" Intake - 2" Discharge, 1 Speed, 1.0 THP, 115V
3410610-1A	2" Intake - 2" Discharge, 1 Speed, 1.5 THP, 115V
3410830-1A	2" Intake - 2" Discharge, 1 Speed, 2.0 THP, 115/230V
3410830-13	2 ½" Intake - 2" Discharge, 1 Speed, 2.0 THP, 115/230V
3411621-1A	2" Intake - 2" Discharge, 1 Speed, 4.0 THP, 230V
3411621-13	2 ½" Intake - 2" Discharge, 1 Speed, 4.0 THP, 230V

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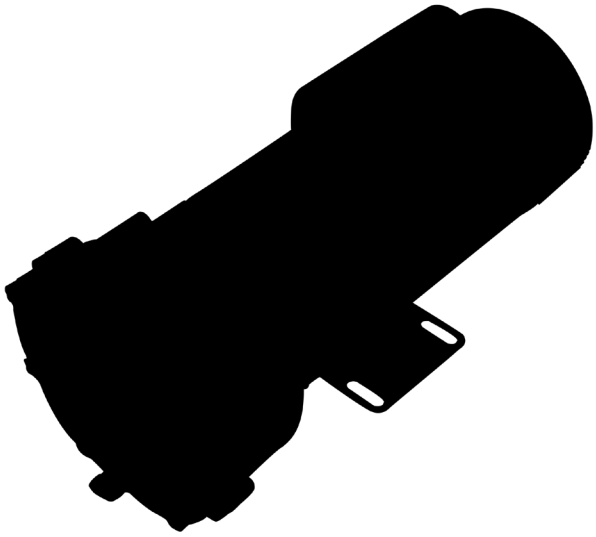
Features:

- True continuous rated horsepower of 1.5, 2.0, 2.5 and 3.0 THP
- 48-frame or 56-frame, single or dual speed (energy saving)
- Use more jets per pump
- Same physical size as Aqua-Flo XP2, XP2e and can be used as a substitute or retrofitted (fits within the same volume envelope)
- Made from the highest quality materials with UL and CUL certifications
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt
- Equipped with high performance very quiet electrical motors, custom designed for spa application



EX2 48-Frame Pumps	
Part #	Description
3410610-1U	EX2 - A.O. Smith 48-frame - 1 - Speed - 2" in/out, 1.5 THP
3411020-1U	EX2 - A.O. Smith 48-frame - 1 - Speed - 2" in/out, 2.5 THP
3411621-1U	EX2 - A.O. Smith 48-frame - 1 - Speed - 2" in/out, 3.0 THP
3420610-1U	EX2 - A.O. Smith 48-frame - 2 - Speed - 2" in/out, 1.5 THP
3420820-1U	EX2 - A.O. Smith 48-frame- 2 - Speed - 2" in/out, 2.0 THP
3421021-1U	EX2 - A.O. Smith 48-frame - 2 - Speed - 2" in/out, 2.0 THP
3421221-1U	EX2 - A.O. Smith 48-frame - 2 - Speed - 2" in/out 2.0 THP
3421020-1U	EX2 - A.O. Smith 48-frame - 2 - Speed - 2" in/out 2.5 THP
3421821-1U	EX2 - A.O. Smith 48-frame - 2 - Speed - 2" in/out, 3.0 THP
EX2 56-Frame Pumps	
Part #	Descriptiom
3711621-1W	EX2 - A.O. Smith 56-frame- 1 - Speed - 2" in/out, 3.0 THP
3720821-1W	EX2 - A.O. Smith 56-frame - 2 - Speed - 2" in/out, 2.0 THP
3721120-1W	EX2 - A.O. Smith 56-frame - 2 - Speed - 2" in/out, 2.5 THP
3721621-1W	EX2 - A.O. Smith 56-frame - 2 - Speed - 2" in/out, 3.0 THP
3M21621-1W	EX2 - A.O. Smith 56-frame - 2 - Speed - 2" in/out, 3.0 THP

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HI-FLO II 48-FRAME PUMP

Features:

- High volume side discharge performance
- 60% higher performing than our center discharge pumps
- 2" intake and discharge for reduced noise
- Wet end rotates for easy installation with either vertical or horizontal position
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt

Hi-Flo II Pump	
Part #	Description
SD-07-1-N*	1-Speed Hi-Flo II Side Discharge with 3' NEMA Cord
SD-07-1-T*	1-Speed Hi-Flo II Side Discharge with 3' Twist Lock Cord
SD-10-1-N*	1-Speed Hi-Flo II Side Discharge with 3' NEMA Cord
SD-10-1-T*	1-Speed Hi-Flo II Side Discharge with 3' Twist Lock Cord
SD-07-2-N*	2-Speed Hi-Flo II Side Discharge with 3' NEMA Cord
SD-07-2-T*	2-Speed Hi-Flo II Side Discharge with 3' Twist Lock Cord
SD-10-2-N*	2-Speed Hi-Flo II Side Discharge with 3' NEMA Cord
SD-10-2-T*	2-Speed Hi-Flo II Side Discharge with 3' Twist Lock Cord

Note: For horizontal Hi-Flo II, need to add a '-H' at the end of the above Hi-Flo II part numbers

SPA FLO II

Features:

- Proven 48-frame design
- Designed for direct replacement in most spas
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt
- 1 ½" intake and discharge for reduced noise and energy efficiency
- Easy to install and service

Spa-Flo II Pump	
Part #	Description
3420410-S0Z	2-Speed Spa Flo II 48-Frame Pumps, 1THP, 115V
3420610-S0Z	2-Speed Spa Flo II 48-Frame Pumps, 1½ THP, 115V
3420820-S0Z	2-Speed Spa Flo II 48-Frame Pumps, 2 THP, 230V
3410410-S0Z	1-Speed Spa Flo II 48-Frame Pumps, 1 THP, 115V
3410610-S0Z	1-Speed Spa Flo II 48-Frame Pumps, 1½ THP, 115V
3410830-S0Z	1-Speed Spa Flo II 48-Frame Pumps, 2 THP, 115/230V

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E Series

Features:

- Reliable center discharge performance
- 1 ½" intake and discharge for reduced noise and energy efficiency
- Wet end can be rotated for easy installation
- Easy to install and service
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt

E Series Pump	
Part #	Description
CD-07-1-N	Center Discharge, with 3' NEMA Cord
CD-07-1-T	Center Discharge, with 3' Twist Lock Cord
CD-10-1-N	Center Discharge, with 3' NEMA Cord
CD-10-1-T	Center Discharge, with 3' Twist Lock Cord

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IRON MIGHT™

Features:

- 24-hour circulation
- 48-frame proven design
- Side discharge for optimum flow
- Multiple union assemblies available
- Easy to install and service
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt
- 1 ½" intake and discharge for reduced noise and energy efficiency

Tiny Might Pump	
Part #	Description
3312610-14	1" Thread/ ½" Slip X 1" Thread/ ½" Slip, 1/16 THP, 115V
3312620-14	1" Thread/ ½" Slip X 1" Thread/ ½" Slip, 1/16 THP, 230V
3312610-19	1" Barb X 1" Barb, 1/16 THP, 115V
3312620-19	1" Barb X 1" Barb, 1/16 THP, 230V
Iron Might Pump	
Part #	Description
3410020-1E	Iron Might 1 Speed Pump, 1/8 THP, 230V
3410030-1E	Iron Might 1 Speed Pump, 1/8 THP, 115V

TINY MIGHT

Features:

- Larger, 303 stainless steel, 3/8" motor shaft improves impeller stack-up height.
- Larger motor bearings for longer motor life.
- Larger motor housing improves ventilation and keeps motor running cooler.
- New wet end made of state-of-the-art thermoplastic material.
- Larger back end wire-casing protects wire connections and improves ventilation.
- Higher capacitor rating allows easy starting when low voltage is encountered.
- Cast and machined front motor casing aligns wet end center to motor shaft.
- Designed for 24 hour circulation.
- Very quite and energy efficient (uses less power than a 100W light bulb).
- Available in 1" barb or 1" union.
- Silicone carbide seals, Viton bellows, 316SS casing, corrosion resistance against chlorine, bromine & salt

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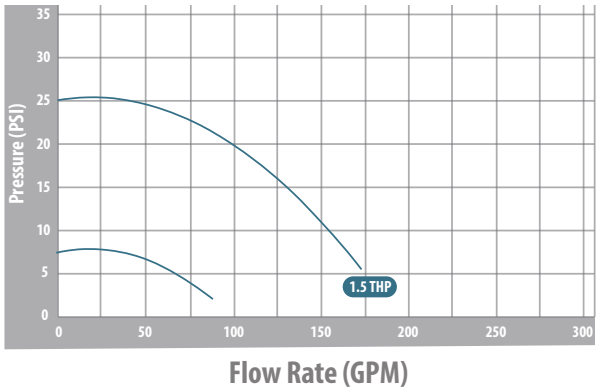
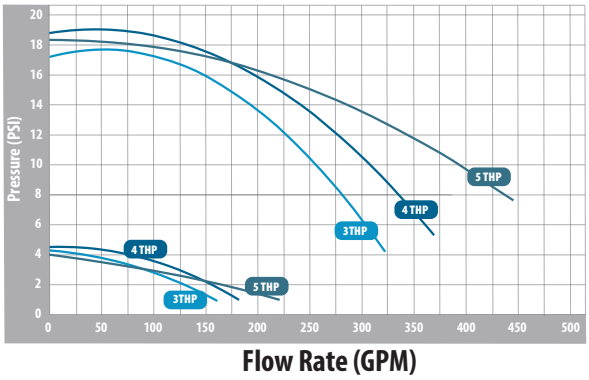
Flow Curves

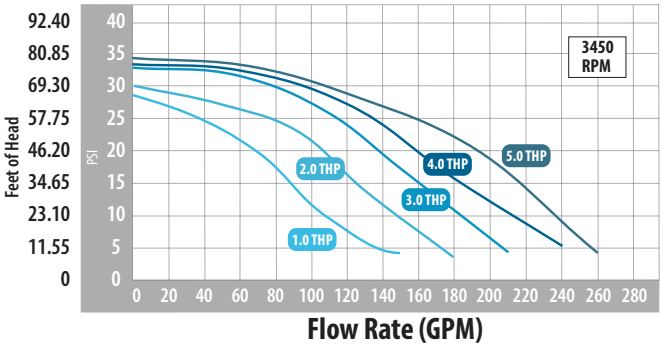
Power Defender EX2 Flow Curves



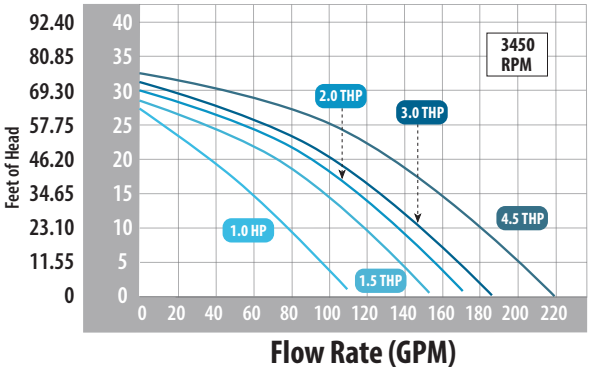
Viper Flow Curves



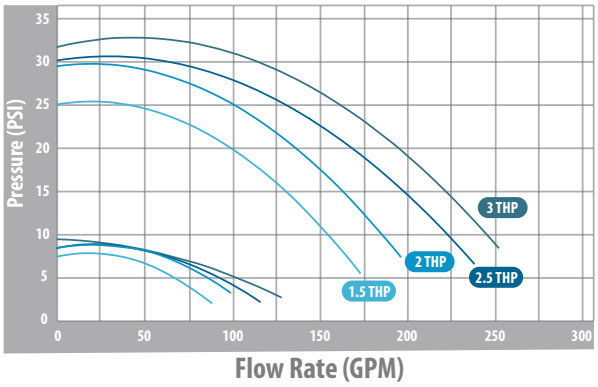
Executive 56-Frame Flow Curves



Executive 48-Frame Flow Curves

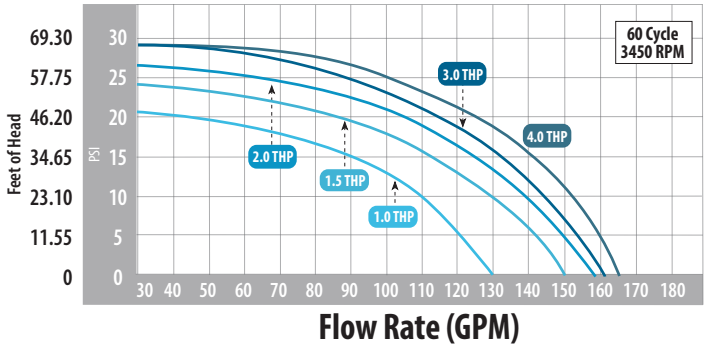


EX2 Flow Curves

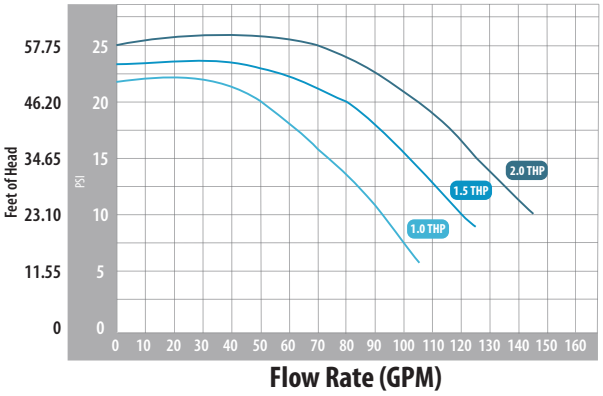


Flow Curves

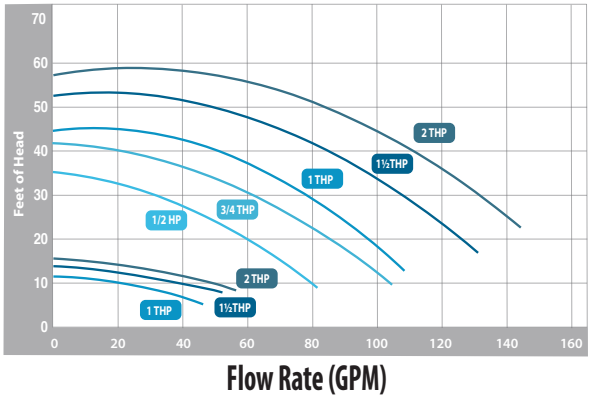
Hi-Floll Flow Curves



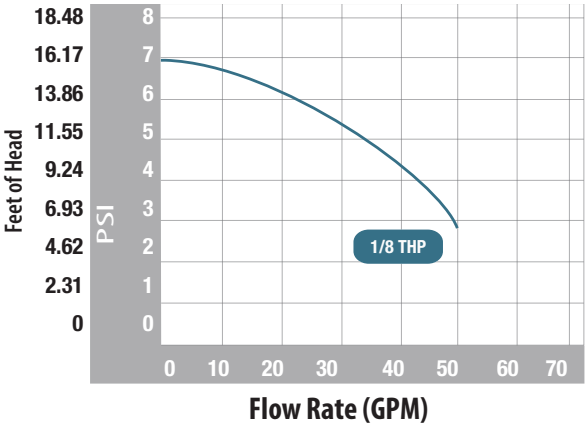
Spa-Floll Flow Curves



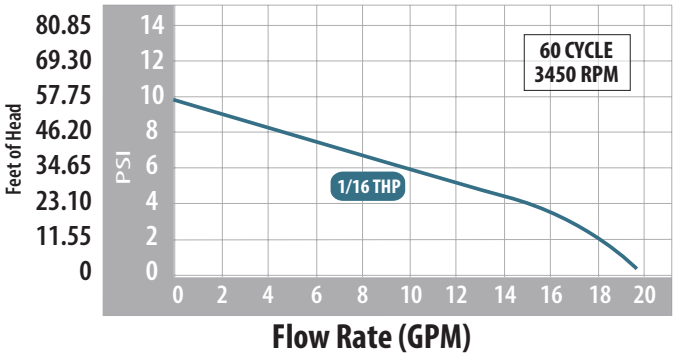
E Series Flow Curves



Iron Might Flow Curves



Tiny Might Flow Curves



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