



WE RUN THE WATER IN YOUR HOME



pentair.com/simer



HOME WATER SYSTEMS

Providing premium, worry-free solutions that instill confidence and provide life's essential resource, the Pentair Simer* lineup of home water systems were designed to fit all your residential water needs.

Jet Pumps are above ground pumps designed to produce a large amount of pressure to pull water from a water source, such as a well or cistern, into your home.

4" Submersible Well Pumps are submerged underground and are designed to push water from a water source, such as a well or cistern, into your home.

Pressure Tanks typically located in homes, with a well in use, are used to complete two jobs; storing water to reduce the amount of times your pump turns on and maintaining pressure as provided by the pump to enable water to flow into your home. The increased water storage capacity extends the life of your pump by reducing the number of times your pump must cycle to supply water to your home.

Sprinkler Pumps are designed to move water from a water source to a system that disperses water to various locations such as a lawn sprinkler system.

**FOR ASSISTANCE IN SELECTING THE RIGHT PUMP FOR YOUR NEEDS,
CALL PENTAIR SIMER CUSTOMER SERVICE AT 800-468-7867.**

SHALLOW WELL JET PUMPS

MODEL 2205C

1/2HP 7.5GPM

1
YEAR
Warranty

MODEL 2207C

3/4HP 16GPM

MODEL 2210C

1HP 20GPM

- Reliable performance at depths of water 25' or less
- Rugged cast iron construction maximizes pump life
- Heavy-duty dual-voltage motor 1/2 HP preset at 115V; 3/4 HP and 1 HP are preset at 230V
- Pre-wired pressure switch preset for 30/50 PSI operation
- Self-priming after pump housing is initially filled. Check valve or foot valve required
- 1-1/4" FNPT suction, 1" FNPT discharge



MODEL 2800

1/2HP 5.1GPM

1
YEAR
Warranty

MODEL 2802

3/4HP 7.8GPM

- Reliable performance at 25' depth of water or less
- Rugged cast iron construction
- Ready to install on 115V electrical circuit
- Pressure switch pre-set to 30-50 PSI
- 1" NPT suction and discharge
- Self-priming capability after pump housing is initially filled, check valve or foot valve required



MODEL 2803

1HP 11GPM

1
YEAR
Warranty

- Rugged cast iron construction
- Reliable performance at 25' depth to water or less
- 1" NPT suction and discharge
- Pressure switch pre-set to 30-50 PSI
- Ready to install 115V electrical circuit



PERFORMANCE

Model	HP	Pressure Switch		GPM Pumped at Different Depths to Water*					Max Pressure Shut-off
		On	Off	5'	10'	15'	20'	25'	
2205C	1/2	30	50	7.5	6.5	6	5	3.5	65 PSI
2207C	3/4	30	50	16	14	13	11	7	67 PSI
2210C	1	30	50	20	18	16	13	9	70 PSI
2800	1/2	30	50	5.1	4.5	4.1	3.5	3.1	63 PSI
2802	3/4	30	50	7.8	7.3	6.7	6.1	5.0	74 PSI
2803	1	30	50	11	10.25	9	7.75	5.5	68 PSI

SHALLOW WELL JET PUMPS

MODEL 3105P

1/2HP 7.4GPM

1
YEAR ▲
Warranty

MODEL 3107P

3/4HP 10.3GPM

MODEL 3110P

1HP 16.4GPM

- Superior performance at depths of water of 25' or less
- Fiberglass reinforced thermoplastic pump housing for the highest corrosion resistance
- 1/2 HP ready-to-install heavy-duty dual-voltage motor preset at 115V, 3/4 and 1 HP ready to install heavy-duty dual voltage motor pre-set at 230V
- Self-priming after pump housing is initially filled
- 1-1/4" NPT suction and 1" NPT discharge pipe size



MODEL 2805E

1/2HP 6.9GPM

1
YEAR ▲
Warranty

MODEL 2810E

3/4HP 12.5GPM

- Superior performance at depths of water of 25' or less
- Rugged cast iron construction maximizes pump life
- Self-priming after pump housing is initially filled
- 1-1/4" NPT suction and 1" NPT discharge pipe size



MODEL 4810S

1HP 16.2GPM

1
YEAR ▲
Warranty

- Rugged stainless steel construction for highest corrosion resistance
- Superior performance at depths of water 25' or less
- Heavy-duty dual-voltage motor preset at 230V
- Self-priming after pump housing is initially filled, check valve or foot valve required
- Pre-wired pressure switch preset for 30-50 PSI operation
- 1-1/4" NPT suction and 1" discharge



PERFORMANCE

Model	HP	Pressure Switch		GPM Pumped at Different Depths to Water*					Max Pressure Shut-off
		On	Off	5'	10'	15'	20'	25'	
3105P	1/2	30	50	7.4	6.4	6.1	5.0	4.0	77 PSI
3107P	3/4	30	50	10.3	9.7	8.2	7.1	5.1	78 PSI
3110P	1	30	50	16.4	16.1	14.1	12.0	8.1	67 PSI
2805E	1/2	30	50	6.9	6.0	5.3	4.5	4.0	69 PSI
2810E	3/4	30	50	12.5	11.4	10.1	8.2	6.8	70 PSI
4810S	1	30	50	16.2	14.6	12.6	10.6	7.5	81 PSI

CONVERTIBLE JET PUMPS

MODEL 3205C

1/2HP 10GPM

MODEL 3207C

3/4HP 16GPM

MODEL 3210C

1HP 17GPM

1
YEAR
Warranty

- Superior performance at depths of water 70' or less
- Rugged cast iron construction
- Ready-to-install heavy-duty dual-voltage motor 1/2 HP preset at 115V; 3/4 and 1 HP models preset at 230V
- Self-priming after pump housing is initially filled, check valve or foot valve required
- Pre-wired pressure switch preset for 30-50 PSI operation
- 1" discharge, 1-1/4" suction, 1" drive



PERFORMANCE- SHALLOW WELL OF 25 FEET OR LESS

Model	HP	Pressure Switch		GPM Pumped at Different Depths to Water [*]					Max Pressure Shut-off
		On	Off	0'	5'	10'	15'	20'	
3205C	1/2	30	50	10.0	9.5	9.0	8.0	6.5	70 PSI
3207C	3/4	30	50	16.0	14.5	13.5	12.0	10.0	70 PSI
3210C	1	30	50	17.0	15.0	13.5	12.5	10.0	70 PSI

PERFORMANCE- DEEP WELL WITH 4" DIAMETER CASING OR LARGER

Model	GPM Pumped at Different Depths to Water [*]					Max Pressure Shut-off
	30'	40'	50'	60'	70'	
3205C	5.0	4.0	3.0	2.5	2.0	65 PSI
3207C	8.0	6.0	4.5	3.5	2.5	65 PSI
3210C	10.0	8.0	6.0	4.5	3.5	65 PSI

^{*}All performances shown in gallons per minute at 40 PSI (pound per square inch) discharge pressure at top of well.

CONVERTIBLE JET PUMPS

MODEL 3305P

1/2HP 9GPM

MODEL 3307P

3/4HP 15.3GPM

MODEL 3310P

1HP 20.7GPM

1
YEAR ▲
Warranty

- Superior performance at depths of water 100' or less
- Fiberglass reinforced thermoplastic pump housing for highest corrosion resistance
- Ready-to-install heavy-duty dual-voltage motor. Preset at 115V for 1/2 HP model and preset at 230V for 3/4 and 1 HP models
- Self-priming after pump housing is initially filled, check valve or foot valve required
- Pressure switch preset to 30-50 PSI
- 1" discharge, 1-1/4" suction, 1" drive
- Jet Kit sold separately



PERFORMANCE- SHALLOW WELL OF 25 FEET OR LESS

Model	HP	Pressure Switch		GPM Pumped at Different Depths to Water*					Max Pressure Shut-off
		On	Off	5'	10'	15'	20'	25'	
3305P	1/2	30	50	9.0	7.8	6.6	5.7	4.3	62 PSI
3307P	3/4	30	50	15.3	13.8	11.8	9.2	6.8	52 PSI
3310P	1	30	50	20.7	18.3	15.8	12.3	8.5	52 PSI

PERFORMANCE- DEEP WELL WITH 4" DIAMETER CASING OR LARGER

Model	GPM Pumped at Different Depths to Water*											Max Pressure Shut-off
	20'	25'	30'	40'	50'	60'	70'	80'	90'	100'	110'	
3305P	5.9	5.4	4.5	3.5	2.8	2.3	1.7	-	-	-	-	54 PSI
3307P	7.5	7.1	6.5	5.1	4	3	2.5	1.8	1.5	1	-	56 PSI
3310P	9	8.8	8.4	7.3	6.2	5	4.4	2.9	2	-	-	56 PSI

*All performances shown in gallons per minute at 40 PSI (pound per square inch) discharge pressure at top of well.

SPRINKLERS AND BOOSTERS

MODEL 3410P

1HP 55GPM

MODEL 3415P

1-1/2HP 67GPM

MODEL 3420P

2HP 69GPM

1
YEAR
Warranty

- Fiberglass reinforced thermoplastic pump housing for the highest corrosion resistance
- Superior performance at depths to water of 20' or less
- Ready to install 230V, heavy-duty motor, see manual for 115V conversion
- Self priming after pump housing is initially filled, protects against overheating



PERFORMANCE

Model	HP	NPT Pipe Size		Ht. of Pump Above Water	Discharge Pressure PSI								
		Suct.	Disch.		10	15	20	25	30	35	40	45	50
3410P	1	1-1/2"	1-1/2"	5 ft.	55	51	45	38	31	23	17	-	-
				10 ft.	49	46	42	35	28	19	13	-	-
				15 ft.	48	45	39	32	24	16	8	-	-
				20 ft.	45	44	37	29	20	11	-	-	-
3415P	1-1/2	1-1/2"	1-1/2"	5 ft.	67	66	61	55	48	39	33	18	-
				10 ft.	61	58	56	52	45	37	27	14	-
				15 ft.	56	55	54	51	44	35	20	8	-
				20 ft.	46	45	44	43	37	28	11	-	-
3420P	2	2"	2"	5 ft.	69	64	59	53	47	40	34	24	14
				10 ft.	67	62	56	50	45	38	30	18	7
				15 ft.	65	60	54	48	42	35	27	13	-
				20 ft.	62	57	52	46	40	32	23	10	-

MODEL 4075SS

3/4HP 24GPM

3
YEAR
Warranty

- Maximum pumping capacity to 24 GPM
- Fully automatic system increases and maintains household water pressure
- Quiet heavy-duty motor; safe, maintenance free operation
- 1" Female NPT intake and 1" Male NPT discharge pipes
- Stainless steel pump housing on a stable mounting base
- Check valve required – sold separately



PERFORMANCE

Model	HP	Wnty	PSI Without Water Pressure Booster System	10'	20'	30'	40'
4075SS	3/4	3 yr	PSI With Water Pressure Booster System	50	60	70	80

4" SUBMERSIBLES

2-WIRE

MODEL 2850G

1/2HP 230V 14.3GPM

MODEL 2845G

1/2HP 115V 14.3GPM

MODEL 2855G

3/4HP 230V 14.8GPM

MODEL 2860G

1HP 230V 15.8GPM



Warranty

- High capacity heavy duty design. High-impact discharge head and base. Strong stainless-steel shell on pump end and motor
- 10 GPM-rated models for maximum efficiency in most homes
- 1-1/4" corrosion-resistant thermoplastic discharge head outlives conventional metals, even in the harshest environments
- Built-in check valve to prevent back flow
- NEMA-standard motor
- Complete installation instructions included
- All units are built with a green ground wire per National Electric Code specifications for ground protection
- Fits inside most 4" and larger openings



PERFORMANCE

Model	HP	GPM Pumped at Different Depths to Water*								
		20'	40'	60'	80'	100'	150'	200'	250'	300'
2850G	1/2	14.3	13.2	12.2	10.9	9.6	5	-	-	-
2845G	1/2	14.3	13.2	12.2	10.9	9.6	5	-	-	-
2855G	3/4	14.8	14.2	13.4	12.6	11.7	8.8	5.2	-	-
2860G	1	15.8	15.4	14.7	14	13.4	11.7	9.7	7.3	4.4

*All performances shown in gallons per minute at 40 PSI (pound per square inch) discharge pressure at top of well.

4" SUBMERSIBLES

3-WIRE

MODEL 2870G

1/2HP 230V 14.3GPM

MODEL 2873G

3/4HP 230V 14.8GPM

MODEL 2865G

1HP 230V 26.7GPM

MODEL 2880G

1HP 230V 15.8GPM



- High capacity heavy duty design. High-impact discharge head and base. Strong stainless-steel shell on pump end and motor
- 10 GPM-rated models for maximum efficiency in most homes
- 20 GPM-rated model— perfect for ranches and irrigation
- 1-1/4" corrosion-resistant thermoplastic discharge head outlives conventional metals even in the harshest environments
- Built-in check valve to prevent back flow
- High-efficiency motor for fewer energy dollars
- NEMA-standard motor
- Complete installation instructions included
- All units are built with a green ground wire per National Electric Code specifications for ground protection
- Fits inside most 4" and larger openings
- 3-wire pumps must be used with the correct control box (included); use of other manufacturer's control box can shorten life of pump and will void the warranty



PERFORMANCE

Model	HP	GPM Pumped at Different Depths to Water*								
		20'	40'	60'	80'	100'	150'	200'	250'	300'
2870G	1/2	14.3	13.2	12.2	10.9	9.6	5	-	-	-
2873G	3/4	14.8	14.2	13.4	12.6	11.7	8.8	5.2	-	-
2865G	1	26.7	24.9	23	21.2	18.7	6.5	-	-	-
2880G	1	15.8	15.4	14.7	14	13.4	11.7	9.7	7.3	4.4

*All performances shown in gallons per minute at 40 PSI (pound per square inch) discharge pressure at top of well.



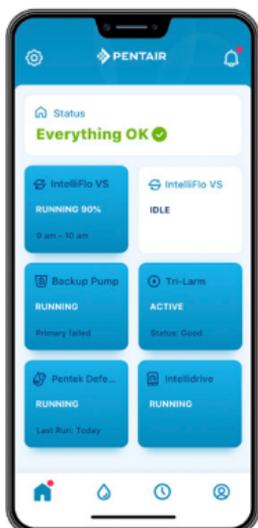
PENTAIR HOME APP

The Pentair Home app and range of connected home water management products will keep you in touch with your water. Get instant status information and remotely monitor all of your connected Pentair water devices, anytime, from anywhere. For peace of mind at your fingertips.

The Pentair Home App range of connected water management devices help you move, improve and enjoy your home's water. Ensure a continuous flow of softened water. Protect your home from leaks and flooding. Control your swimming pool system and monitor water chemistry. All from the easy-to-use dashboard on your smart device.

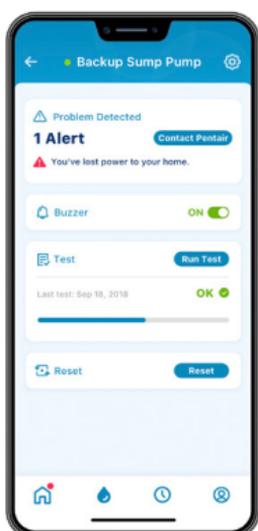
Receive alerts sent directly to your phone - and if you choose, your trusted water professional. Plus, get tools and education from Pentair to help you know and manage the water in your home.

PENTAIR HOME APP



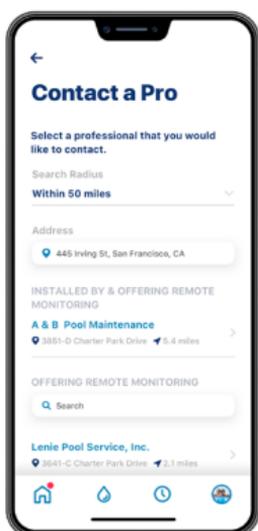
PEACE OF MIND AT YOUR FINGERTIPS

Get instant status information and remotely monitor all of your connected Pentair water devices, home or away, 24/7.



SYSTEMS CHECKED; YOU'RE GOOD TO GO

Lets you know when equipment or a condition needs attention so you can avoid unnecessary and costly service calls.



A HELPING HAND WHEN YOU NEED IT

Connect with a trusted water pro near you and receive tools, tips and tricks from Pentair to keep your water smarts on full.



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