

# ENERGY STAR® Certified Multi-speed, Variable-speed, and Variable-flow Pool Pumps

## Eligible for Efficiency Vermont's \$600 Mail-In Rebate through 6/30/2018\*\*

\*One rebate per Vermont residential electric account per year; two rebates per year for commercial.

\*\*Efficiency Vermont rebates are evaluated on a regular basis throughout the year to determine if program can continue for next cycle.



Efficiency Level	Minimum Energy Factor (Most Efficient Speed) (gal/Wh)	Efficiency Vermont Rebate
Federal Standard	-	n/a
ENERGY STAR Most Efficient Setting	3.8	<b>\$600</b>

*Multi-speed* - a pump with an electric motor that can operate at multiple, discrete speeds.

*Variable-speed* - a pump with an electric motor that can operate at continuously variable speeds.

*Variable-flow* - a pump with an electric motor that can operate at continuously variable speeds, with added controls that automatically adjust speed to control flow.

*Energy Factor (gal/Wh)* - the volume of water pumped in gallons per watt-hour of electricity consumed by the pump motor.

### Qualifying Models

Updated 12/28/2017

*For most up-to-date list of qualifying products, please visit [efficiencyvermont.com](http://efficiencyvermont.com)*

<sup>1</sup>Asterisks (\*), plus signs (+), or pound signs (#) indicate that any variable may be used in place of the symbol.

<sup>2</sup>All products will be listed as eligible *until the end of the current rebate cycle*, unless a model is delisted. Following delistment, the following month's Qualified Product List will list a new "For Purchases Made Before" submission deadline for the delisted model.

Indicates recently discontinued model		Indicates recently delisted model			Indicates newly added model			
Manufacturer	Brand Name	Model Number <sup>1</sup>	Motor Design	Speed (RPM)	Curve-A Energy Factor (Most Efficient Speed) (gal/Wh)	Total Horsepower (HP)	For Purchases Made On Or Before <sup>2</sup>	Date of Change
AquaGuard Pool Systems	AquaGuard DualFlo Pump	DF102S	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
AquaGuard Pool Systems	AquaGuard DualFlo Pump	DF102STL	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
AquaGuard Pool Systems	AquaGuard DualFlo Pump	DF152S	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
AquaGuard Pool Systems	AquaGuard DualFlo Pump	DF152STL	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Asia Connection	Blue Torrent	72550	Variable Speed	450	13.68	1.50	6/30/2018	
Asia Connection	Blue Torrent	8911	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	89112	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	AC IMP15VS	Variable Speed	750	15.75	1.50	6/30/2018	
Asia Connection	Blue Torrent	AC PSP15VS	Variable Speed	750	13.70	1.50	6/30/2018	
Asia Connection	Blue Torrent	AC V002	Variable Speed	800	20.53	2.00	6/30/2018	
Asia Connection	Blue Torrent	AC V003	Variable Speed	800	15.56	3.00	6/30/2018	
Asia Connection	Blue Torrent	ACVAR150	Variable Speed	450	13.68	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC10DSB	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10DSG	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10DSO	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10DTB	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10DTG	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10DTO	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10HSB	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10HSG	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10HSO	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10HTB	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10HTG	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10HTO	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10VSB	Multi-speed	1,750	4.78	1.00	6/30/2018	

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Asia Connection	Blue Torrent	NWC10VSG	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10VSO	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10VTB	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10VTG	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC10VTO	Multi-speed	1,750	4.78	1.00	6/30/2018	
Asia Connection	Blue Torrent	NWC15DSB	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15DSG	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15DSO	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15DTB	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15DTG	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15DTO	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15HSB	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15HSG	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15HSO	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15HTB	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15HTG	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15HTO	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15VSB	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15VSG	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15VSO	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15VTB	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15VTG	Multi-speed	1,750	4.71	1.50	6/30/2018	
Asia Connection	Blue Torrent	NWC15VTO	Multi-speed	1,750	4.71	1.50	6/30/2018	
Bridging China International Ltd	Essential Elements	EE1215D	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1215DC	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1215DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1215DT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1415D	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1415DC	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1415DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	EE1415DT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1215D	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1215DC	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1215DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1215DT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1415D	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1415DC	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1415DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	P1415DT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	RLP1215D	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017

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Bridging China International Ltd	Essential Elements	RLP1215DC	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	RLP1215DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Essential Elements	RLP1215DTL	Multi-speed	1,761	4.43	1.50	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant	EE1215D	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1215DC	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1215DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1215DT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1415D	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1415DC	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1415DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	EE1415DT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1215D	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1215DC	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1215DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1215DT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1415D	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1415DC	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1415DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	P1415DT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	RLP1215D	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	RLP1215DC	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	RLP1215DCT	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant	RLP1215DTL	Multi-speed	1,761	4.43	1.50	6/30/2018	
Bridging China International Ltd	Reliant, Essential Elements	EE1210D	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	EE1210DC	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	EE1210DCT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	EE1210DT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	EE1410D	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	EE1410DC	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	EE1410DCT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017

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Bridging China International Ltd	Reliant, Essential Elements	EE1410DT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1210D	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1210DC	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1210DCT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1210DT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1410D	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1410DC	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1410DCT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	P1410DT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	RLP1210D	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	RLP1210DC	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	RLP1210DCT	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Bridging China International Ltd	Reliant, Essential Elements	RLP1210DTL	Multi-speed	1,767	4.59	1.00	6/30/2018	Added Dec 2017
Carvin	CARVIN	94026117	Variable Speed	600	25.26	1.65	6/30/2018	
Carvin	CARVIN	94026140	Variable Speed	600	16.71	2.70	6/30/2018	
DAB PUMPS SPA	E.SWIM	E.SWIM 150	Multi-speed	2,250	8.35	1.50	6/30/2018	
Davey Water Products pty. ltd.	Silensor Pro	SP200SVP	Variable Speed	1,500	11.12	1.50	6/30/2018	
Fluidra	Viron	J-VSP150	Variable Speed	3,075	3.12	1.50	6/30/2018	
Fluidra	Viron	J-VSP250	Variable Speed	750	13.20	2.50	6/30/2018	
Fluidra	Viron	P280	Variable Speed	3,075	3.12	1.50	6/30/2018	
Fluidra	Viron	P300	Variable Speed	750	17.23	1.50	6/30/2018	
Fluidra	Viron	P580	Variable Speed	750	14.19	2.50	6/30/2018	
Fluidra	Viron	P600	Variable Speed	750	13.20	2.50	6/30/2018	
Hayward	Hayward	EF1502	Multi-speed	1,725	5.70	0.23	6/30/2018	
Hayward	Hayward	EF2002	Multi-speed	1,725	6.28	0.30	6/30/2018	
Hayward	Hayward	EF200VS	Variable Speed	600	29.42	1.85	6/30/2018	
Hayward	Hayward	HCP3206VSP	Variable Speed	600	21.25	2.70	6/30/2018	
Hayward	Hayward	HCP3206VSPVR	Variable Speed	1,000	15.43	2.70	6/30/2018	
Hayward	Hayward	HCP3400VSP	Variable Speed	600	21.25	2.70	6/30/2018	
Hayward	Hayward	HCP3400VSPVR	Variable Speed	1,000	15.43	2.70	6/30/2018	
Hayward	Hayward	HL2350010VSP	Variable Speed	600	25.88	0.85	6/30/2018	
Hayward	Hayward	HL2350020VSP	Variable Speed	600	19.21	1.65	6/30/2018	
Hayward	Hayward	HL2670010VSP	Variable Speed	600	27.99	0.85	6/30/2018	
Hayward	Hayward	HL2670020VSP	Variable Speed	600	24.55	1.65	6/30/2018	
Hayward	Hayward	HL32900VSP	Variable Speed	600	29.42	1.85	6/30/2018	
Hayward	Hayward	HL32950VSP	Variable Speed	600	22.00	2.70	6/30/2018	
Hayward	Hayward	RS1502	Multi-speed	1,725	4.77	0.25	6/30/2018	
Hayward	Hayward	RS2002	Multi-speed	1,725	5.04	0.33	6/30/2018	
Hayward	Hayward	RS2502	Multi-speed	1,725	4.63	0.42	6/30/2018	
Hayward	Hayward	SP2303VSP	Variable Speed	600	19.21	1.65	6/30/2018	
Hayward	Hayward	SP2307X102	Multi-speed	1,725	5.60	0.20	6/30/2018	
Hayward	Hayward	SP2310X152	Multi-speed	1,725	5.29	0.28	6/30/2018	
Hayward	Hayward	SP23115VSP	Variable Speed	600	25.88	0.85	6/30/2018	
Hayward	Hayward	SP2315X202	Multi-speed	1,725	5.35	0.28	6/30/2018	



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Hayward	Hayward	SP23510VSP	Variable Speed	600	25.88	0.85	6/30/2018	
Hayward	Hayward	SP23520VSP	Variable Speed	600	19.21	1.65	6/30/2018	
Hayward	Hayward	SP2603VSP	Variable Speed	600	24.55	1.65	6/30/2018	
Hayward	Hayward	SP26115VSP	Variable Speed	600	27.99	0.85	6/30/2018	
Hayward	Hayward	SP2670010VSP	Variable Speed	600	27.99	0.85	6/30/2018	
Hayward	Hayward	SP2670020VSP	Variable Speed	600	24.55	1.65	6/30/2018	
Hayward	Hayward	SP2810X152	Multi-speed	1,725	5.21	0.25	6/30/2018	
Hayward	Hayward	SP3010X152AZ	Multi-speed	1,725	4.77	0.25	6/30/2018	
Hayward	Hayward	SP3015X202AZ	Multi-speed	1,725	5.04	0.33	6/30/2018	
Hayward	Hayward	SP3020X252AZ	Multi-speed	1,725	4.63	0.42	6/30/2018	
Hayward	Hayward	SP3200VSP	Variable Speed	600	29.42	0.02	6/30/2018	
Hayward	Hayward	SP3200VSPND	Variable Speed	600	29.42	0.02	6/30/2018	
Hayward	Hayward	SP3202VSP	Variable Speed	600	29.42	1.85	6/30/2018	
Hayward	Hayward	SP3202VSPBH	Variable Speed	600	29.42	1.85	6/30/2018	
Hayward	Hayward	SP3202VSPND	Variable Speed	600	29.42	1.85	6/30/2018	
Hayward	Hayward	SP3206VSP	Variable Speed	600	21.25	2.70	6/30/2018	
Hayward	Hayward	SP3206VSPBH	Variable Speed	600	21.25	2.70	6/30/2018	
Hayward	Hayward	SP3206VSPVR	Variable Speed	1,000	15.43	2.70	6/30/2018	
Hayward	Hayward	SP32102EE	Multi-speed	1,725	6.43	0.22	6/30/2018	
Hayward	Hayward	SP3210X152	Multi-speed	1,725	5.70	0.23	6/30/2018	
Hayward	Hayward	SP3210X152BH	Multi-speed	1,725	5.71	0.23	6/30/2018	
Hayward	Hayward	SP32152EE	Multi-speed	1,725	6.22	0.30	6/30/2018	
Hayward	Hayward	SP3215X202	Multi-speed	1,725	6.28	0.30	6/30/2018	
Hayward	Hayward	SP3215X202BH	Multi-speed	1,725	6.29	0.30	6/30/2018	
Hayward	Hayward	SP32202EE	Multi-speed	1,725	4.88	0.34	6/30/2018	
Hayward	Hayward	SP3220X252	Multi-speed	1,725	5.27	0.36	6/30/2018	
Hayward	Hayward	SP3220X252BH	Multi-speed	1,725	5.28	0.36	6/30/2018	
Hayward	Hayward	SP32900VSP	Variable Speed	600	29.42	1.85	6/30/2018	
Hayward	Hayward	SP32950VSP	Variable Speed	600	22.00	2.70	6/30/2018	
Hayward	Hayward	SP3400VSP	Variable Speed	600	21.25	2.70	6/30/2018	
Hayward	Hayward	SP3400VSPVR	Variable Speed	1,000	15.43	2.70	6/30/2018	
Hayward	MaxFlo VS	SP2300VSP	Variable Speed	600	17.86	1.50	6/30/2018	
Hayward	MaxFlo VS	SP2302VSP	Variable Speed	600	17.86	1.50	6/30/2018	
Hayward	MaxFlo VS	SP2302VSPND	Variable Speed	600	17.86	1.50	6/30/2018	
Hayward	SUPER PUMP VS	SP2600VSP	Variable Speed	600	18.39	1.50	6/30/2018	
Hayward	SUPER PUMP VS	SP2602VSP	Variable Speed	600	18.39	1.50	6/30/2018	
Pentair	Pentair	011012	Variable Flow	775	11.43	3.95	6/30/2018	
Pentair	Pentair	011018	Variable Speed	775	11.43	3.95	6/30/2018	
Pentair	Pentair	011028	Variable Speed	625	17.65	3.95	6/30/2018	
Pentair	Pentair	011055	Variable Speed	625	17.65	3.95	6/30/2018	
Pentair	Pentair	011056	Variable Speed	625	17.65	3.95	6/30/2018	
Pentair	Pentair	011057	Variable Speed	1,100	11.48	3.95	6/30/2018	
Pentair	Pentair	011059	Variable Speed	625	16.49	3.95	6/30/2018	
Pentair	Pentair	011060	Variable Speed	625	17.48	3.95	6/30/2018	
Pentair	Pentair	011486	Multi-speed	1,725	4.81	0.20	6/30/2018	
Pentair	Pentair	011522	Multi-speed	1,725	5.23	0.28	6/30/2018	
Pentair	Pentair	011523	Multi-speed	1,725	4.51	0.33	6/30/2018	
Pentair	Pentair	011524	Multi-speed	1,725	5.23	0.28	6/30/2018	
Pentair	Pentair	011525	Multi-speed	1,725	4.51	0.34	6/30/2018	
Pentair	Pentair	012485	Multi-speed	1,725	5.36	0.15	6/30/2018	
Pentair	Pentair	012518	Multi-speed	1,725	4.81	0.21	6/30/2018	
Pentair	Pentair	012530	Multi-speed	1,725	5.36	0.17	6/30/2018	
Pentair	Pentair	022005	Variable Speed	450	8.83	3.96	6/30/2018	
Pentair	Pentair	022007	Multi-speed	1,725	4.81	0.20	6/30/2018	
Pentair	Pentair	022008	Multi-speed	1,725	4.82	0.44	6/30/2018	

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Pentair	Pentair	022055	Variable Speed	625	18.53	3.95	6/30/2018	
Pentair	Pentair	022056	Variable Speed	625	18.53	3.95	6/30/2018	
Pentair	Pentair	022057	Variable Speed	1,100	11.22	3.95	6/30/2018	
Pentair	Pentair	22026	Multi-speed	1,725	6.06	0.32	6/30/2018	
Pentair	Pentair	340042	Multi-speed	1,725	5.44	0.15	6/30/2018	
Pentair	Pentair	340043	Multi-speed	1,725	4.77	0.21	6/30/2018	
Pentair	Pentair	340044	Multi-speed	1,725	4.87	0.28	6/30/2018	
Pentair	Pentair	341111	Multi-speed	1,725	5.62	0.17	6/30/2018	
Pentair	Pentair	342001	Variable Speed	670	9.56	2.20	6/30/2018	
Pentair	Pentair	346224	Multi-speed	1,725	5.21	0.16	6/30/2018	
Pentair	Pentair	346226	Multi-speed	1,725	4.85	0.21	6/30/2018	
Pentair	Pentair	346228	Multi-speed	1,725	4.97	0.28	6/30/2018	
Pentair	Pentair	346229	Multi-speed	1,725	4.26	0.34	6/30/2018	
Pentair	Pentair	346242	Multi-speed	1,725	5.44	0.15	6/30/2018	
Pentair	Pentair	346243	Multi-speed	1,725	4.77	0.21	6/30/2018	
Pentair	Pentair	346244	Multi-speed	1,725	4.87	0.28	6/30/2018	
Pentair	Pentair	FPT20510	Multi-speed	1,725	6.04	0.20	6/30/2018	
Pentair	Pentair	FPT20515	Multi-speed	1,725	5.48	0.28	6/30/2018	
Pentair	Pentair	S-011056	Variable Speed	625	17.65	3.95	6/30/2018	
Pentair	Pentair	S-011058	Variable Speed	625	17.65	3.95	6/30/2018	
Pentair	Pentair	S-013003	Variable Speed	1,100	11.48	3.95	6/30/2018	
Pentair	STA-RITE	013001	Variable Speed	625	16.81	3.95	6/30/2018	
Pentair	STA-RITE	013002	Variable Speed	1,100	11.48	3.95	6/30/2018	
Pentair	STA-RITE	013004	Variable Speed	625	16.81	3.95	6/30/2018	
Pentair	STA-RITE	013028	Variable Speed	625	16.81	3.95	6/30/2018	
Pentair	STA-RITE	023007	Multi-speed	1,725	5.81	0.33	6/30/2018	
Pentair	STA-RITE	023008	Multi-speed	1,725	4.82	0.44	6/30/2018	
Pentair	STA-RITE	023026	Multi-speed	1,725	6.06	0.32	6/30/2018	
Pentair	STA-RITE	023055	Variable Speed	625	18.53	3.95	6/30/2018	
Pentair	STA-RITE	023056	Variable Speed	625	18.53	3.95	6/30/2018	
Pentair	STA-RITE	023057	Variable Speed	1,100	11.22	3.95	6/30/2018	
Pentair	STA-RITE	343000	Variable Speed	600	29.04	1.65	6/30/2018	
Pentair	STA-RITE	343001	Variable Speed	670	9.56	2.20	6/30/2018	
Pentair	STA-RITE	MPE6YG-208L	Multi-speed	1,725	5.24	0.33	6/30/2018	
Pentair	STA-RITE	MPEA6YG-207L	Multi-speed	1,725	5.47	0.27	6/30/2018	
Pentair	STA-RITE	MPEAA6YG-208L	Multi-speed	1,725	5.24	0.34	6/30/2018	
Pentair	STA-RITE	MPRA6YF-206L	Multi-speed	1,725	6.35	0.27	6/30/2018	
Pentair	STA-RITE	P6E6VS4H-209L	Variable Speed	750	12.45	3.95	6/30/2018	
Pentair	STA-RITE	P6RA6YF-206L	Multi-speed	1,725	5.84	0.27	6/30/2018	
Pentair	STA-RITE	P6RA6YF-206LM	Multi-speed	1,725	5.24	0.21	6/30/2018	
Pentair	STA-RITE	P6RA6YG-207L	Multi-speed	1,725	4.97	0.27	6/30/2018	
Pentair	STA-RITE	PHK2RAY6D-101L	Multi-speed	1,725	5.62	0.17	6/30/2018	
Pentair	STA-RITE	PHK2RAY6E-102L	Multi-speed	1,725	5.44	0.15	6/30/2018	
Pentair	STA-RITE	PHK2RAY6F-103L	Multi-speed	1,725	4.77	0.21	6/30/2018	
Pentair	STA-RITE	PHK2RAY6G-104L	Multi-speed	1,725	4.87	0.28	6/30/2018	
Pentair	STA-RITE	PHKN2RAY6E-102L	Multi-speed	1,725	5.44	0.15	6/30/2018	
Pentair	STA-RITE	PHKN2RAY6F-103L	Multi-speed	1,725	4.77	0.21	6/30/2018	
Pentair	STA-RITE	PHKN2RAY6G-104L	Multi-speed	1,725	4.87	0.28	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-II S2T	Multi-speed	1,725	6.57	1.25	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-III	Variable Speed	600	27.43	1.65	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-III S2T	Multi-speed	1,725	6.68	1.65	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-IV S2T	Multi-speed	1,725	5.73	2.25	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-V	Variable Speed	1,035	11.56	2.40	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-V S2T	Multi-speed	1,725	5.36	2.60	6/30/2018	
Speck Pumps	Aqua TechniX	UniFit-V2.7	Variable Speed	600	14.70	2.70	6/30/2018	

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Speck Pumps	Aqua TechniX	UniFit-VI	Variable Speed	1,035	11.41	3.45	6/30/2018	
Speck Pumps	Raypak	PS165VSP	Variable Speed	600	27.43	1.65	6/30/2018	
Speck Pumps	Raypak	PS270VSP	Variable Speed	600	14.70	2.70	6/30/2018	
Speck Pumps	SPECK	A91-II VSP	Variable Speed	1,000	16.17	1.10	6/30/2018	
Speck Pumps	SPECK	Badu EcoMV/72-V 2.7	Variable Speed	600	18.10	2.70	6/30/2018	
Speck Pumps	SPECK	E71-II VHV	Variable Speed	1,000	16.42	1.10	6/30/2018	
Speck Pumps	SPECK	EasyFit-II S2T	Multi-speed	1,725	6.57	1.25	6/30/2018	
Speck Pumps	SPECK	EasyFit-III S2T	Multi-speed	1,725	6.68	1.65	6/30/2018	
Speck Pumps	SPECK	EasyFit-IV S2T	Multi-speed	1,725	5.73	2.25	6/30/2018	
Speck Pumps	SPECK	EasyFit-V S2T	Multi-speed	1,725	5.36	2.60	6/30/2018	
Speck Pumps	SPECK	ES90-II VSP	Variable Speed	1,000	17.42	1.10	6/30/2018	
Speck Pumps	SPECK	N90-II S2T	Multi-speed	1,725	6.57	1.25	6/30/2018	
Speck Pumps	SPECK	N90-III S2T	Multi-speed	1,725	6.68	1.65	6/30/2018	
Speck Pumps	SPECK	N90-IV S2T	Multi-speed	1,725	5.73	2.25	6/30/2018	
Speck Pumps	SPECK	N90-V S2T	Multi-speed	1,725	5.36	2.60	6/30/2018	
Speck Pumps	SPECK	PN90-II S2T	Multi-speed	1,725	6.57	1.25	6/30/2018	
Speck Pumps	SPECK	PN90-III S2T	Multi-speed	1,725	6.68	1.65	6/30/2018	
Speck Pumps	SPECK	PN90-IV S2T	Multi-speed	1,725	5.73	2.25	6/30/2018	
Speck Pumps	SPECK	PN90-V S2T	Multi-speed	1,725	5.36	2.60	6/30/2018	
Speck Pumps	SPECK	PS100S2T	Multi-speed	1,725	6.57	1.25	6/30/2018	
Speck Pumps	SPECK	PS150S2T	Multi-speed	1,725	6.68	1.65	6/30/2018	
Speck Pumps	SPECK	PS200S2T	Multi-speed	1,725	5.73	2.25	6/30/2018	
Speck Pumps	SPECK	PS250S2T	Multi-speed	1,725	5.36	2.60	6/30/2018	
Speck Pumps	Speck Pumps	Badu EcoM3 V1.65	Variable Speed	600	25.93	1.65	6/30/2018	
Speck Pumps	Speck Pumps	Badu EcoMV/72-V	Variable Speed	1,035	11.60	2.40	6/30/2018	
Speck Pumps	Speck Pumps	Badu EcoMV/72-VI	Variable Speed	1,035	10.91	3.45	6/30/2018	
Speck Pumps	Speck Pumps	EasyFit-III	Variable Speed	600	27.43	1.65	6/30/2018	
Speck Pumps	Speck Pumps	EasyFit-V	Variable Speed	1,035	11.56	2.40	6/30/2018	
Speck Pumps	Speck Pumps	EasyFit-V2.7	Variable Speed	600	14.70	2.70	6/30/2018	
Speck Pumps	Speck Pumps	EasyFit-VI	Variable Speed	1,035	11.41	3.45	6/30/2018	
Speck Pumps	Speck Pumps	N90-III	Variable Speed	600	27.43	1.65	6/30/2018	
Speck Pumps	Speck Pumps	N90-V	Variable Speed	600	14.70	2.70	6/30/2018	
Speck Pumps	Speck Pumps	PN90-III	Variable Speed	600	27.43	1.65	6/30/2018	
Speck Pumps	Speck Pumps	PN90-V	Variable Speed	600	14.70	2.70	6/30/2018	
Speck Pumps-Pool Products, Inc.	Aqua TechniX	PA91-II VSP	Variable Speed	1,000	16.17	1.10	6/30/2018	
Speck Pumps-Pool Products, Inc.	Aqua TechniX	PE71-II VHV	Variable Speed	1,000	16.42	1.10	6/30/2018	
Speck Pumps-Pool Products, Inc.	Aqua TechniX	PES90-II VSP	Variable Speed	1,000	17.42	1.10	6/30/2018	
SpectraLight	EcoPump	EP-4	Multi-speed	1,725	6.17	1.62	6/30/2018	
SpectraLight	EcoPump	EP-6	Multi-speed	1,725	6.43	2.20	6/30/2018	
SpectraLight	EcoPump	EP-8	Multi-speed	1,725	6.53	2.60	6/30/2018	
SpectraLight	Leaf V2	T2	Variable Speed	600	29.02	1.65	6/30/2018	
Waterco USA	Waterco	243150A-VS	Variable Speed	600	25.24	1.65	6/30/2018	
Waterway	Waterway	ECONO-VS	Variable Speed	1,000	11.38	2.70	6/30/2018	
Waterway	Waterway	ECONO-VSC	Variable Speed	1,000	12.43	2.70	6/30/2018	
Waterway	Waterway	ECONOVSC-165	Variable Speed	1,100	15.19	1.65	6/30/2018	
Waterway	Waterway	PD-VSA-300	Variable Speed	1,000	11.86	3.00	6/30/2018	
Waterway	Waterway	PD-VSC-300	Variable Speed	1,000	11.53	3.00	6/30/2018	
Zodiac	Jandy	FHPM 1.0-2	Multi-speed	1,750	5.94	1.25	6/30/2018	
Zodiac	Jandy	FHPM1.5-2	Multi-speed	1,725	5.07	1.65	6/30/2018	
Zodiac	Jandy	FHPM2.0-2	Multi-speed	1,725	5.13	2.22	6/30/2018	
Zodiac	Jandy	JEP 2.0	Variable Speed	600	16.89	2.70	6/30/2018	
Zodiac	Jandy	JEP 2.0 SVRS	Variable Speed	1,100	11.83	2.70	6/30/2018	

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Zodiac	Jandy	JEP1.5	Variable Speed	600	17.52	2.21	6/30/2018	
Zodiac	Jandy	PHPF1.0-2	Multi-speed	1,725	5.22	1.65	6/30/2018	
Zodiac	Jandy	PHPF1.5-2	Multi-speed	1,725	5.02	2.21	6/30/2018	
Zodiac	Jandy	PHPF2.0-2	Multi-speed	1,725	4.63	2.60	6/30/2018	
Zodiac	Jandy	PHPM1.5-2	Multi-speed	1,725	5.22	1.65	6/30/2018	
Zodiac	Jandy	PHPM2.0-2	Multi-speed	1,725	5.02	2.20	6/30/2018	
Zodiac	Jandy	PHPM2.5-2	Multi-speed	1,725	4.63	2.60	6/30/2018	
Zodiac	Jandy	SHPF1.0-2	Multi-speed	1,725	5.08	1.65	6/30/2018	
Zodiac	Jandy	SHPF1.5-2	Multi-speed	1,725	5.05	2.21	6/30/2018	
Zodiac	Jandy	SHPF2.0-2	Multi-speed	1,725	4.58	2.60	6/30/2018	
Zodiac	Jandy	SHPM1.5-2	Multi-speed	1,725	5.08	1.65	6/30/2018	
Zodiac	Jandy	SHPM2.0-2	Multi-speed	1,725	5.05	2.20	6/30/2018	
Zodiac	Jandy	SHPM2.5-2	Multi-speed	1,725	4.61	2.60	6/30/2018	
Zodiac	Jandy	VS-FHP1.0	Variable Speed	600	21.50	1.65	6/30/2018	
Zodiac	Jandy	VSFHP165AUT	Variable Speed	600	21.50	1.65	6/30/2018	
Zodiac	Jandy	VSFHP165JEP	Variable Speed	600	21.50	1.65	6/30/2018	
Zodiac	Jandy	VS-FHP2.0	Variable Speed	600	14.61	2.70	6/30/2018	
Zodiac	Jandy	VSFHP270AUT	Variable Speed	600	14.61	2.70	6/30/2018	
Zodiac	Jandy	VSFHP270JEP	Variable Speed	600	14.61	2.70	6/30/2018	
Zodiac	Jandy	VSPHP270AUT	Variable Speed	600	15.00	2.70	6/30/2018	
Zodiac	Jandy	VSPHP270JEP	Variable Speed	600	15.00	2.70	6/30/2018	
Zodiac	Jandy	VSPHP27AUT	Variable Speed	600	15.00	2.70	6/30/2018	
Zodiac	Jandy	VSPHP27JEP	Variable Speed	600	15.00	2.70	6/30/2018	
Zodiac	Jandy	VSSHHP220AUT	Variable Speed	600	17.52	2.21	6/30/2018	
Zodiac	Jandy	VSSHHP270AUT	Variable Speed	600	16.89	2.70	6/30/2018	