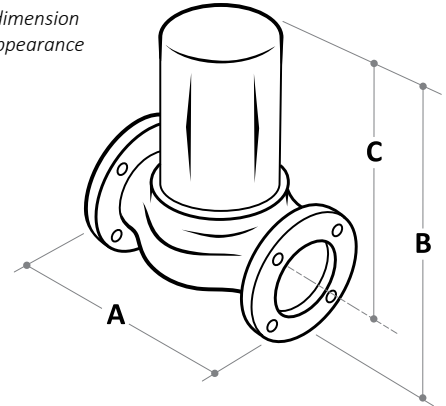




# Pump Specifications



Illustration is to clarify dimension locations only. Actual appearance of pump will differ.



**THE TABLE BELOW LISTS STANDARD AND UPSIZED PUMP PART NUMBERS FOR EACH ARMOR® MODEL.**

- Standard pumps are for applications with 5-12 GPG Water Hardness
- Upsized pumps are for applications with 12-15 GPG Water Hardness
- Water softening is required for applications above 15 GPG Water Hardness

## Water Heater and Pump Data

MODEL NUMBER	PUMP PT NOS. STANDARD UPSIZED	HP	FLOW RATE (GPM)	HEAD LOSS (FT/HD)	TEMP. RISE (°F)	PUMP MATERIAL	CONNECTION SIZE	WIDTH A"	DEPTH B"	C/L FLANGE TO END C"
WA 125	<a href="#">100208409</a>	1/6	14	17	18°	ST. STEEL	1"	6.5	6.38	5.06
	<a href="#">100287809</a>	3/4	19	40	12°	ST. STEEL	1"	11.5	19.19	16.50
WA 200	<a href="#">100208409</a>	1/6	21	22	18°	ST. STEEL	1-1/4"	6.5	6.38	5.06
	<a href="#">100287809</a>	3/4	28	38	13°	ST. STEEL	1-1/4"	11.5	19.19	16.50
AW/OA 151	<a href="#">100287807</a>	1/6	16	20	18°	ST. STEEL	1-1/2"	6.5	6.38	5.06
	<a href="#">100287809</a>	3/4	24	41	12°	ST. STEEL	1-1/4"	11.5	19.19	16.50
AW/OA 200	<a href="#">100287807</a>	1/6	21	22	18°	ST. STEEL	1-1/2"	6.5	6.38	5.06
	<a href="#">100287809</a>	3/4	28	38	13°	ST. STEEL	1-1/4"	11.5	19.19	16.50
AW/OA 286	<a href="#">100166428</a>	1/6	30	23	18°	ST. STEEL	2"	8.5	7.38	5.88
	<a href="#">100166409</a>	3/4	38	36	14°	ST. STEEL	2"	11.5	19.19	16.50
AWH0400	<a href="#">100330259</a>	1/2	35	9	22°	ST. STEEL	2"	6.50	7.57	6.00
	<a href="#">100330259*</a>	1/2	39	14	20°	ST. STEEL	2"	6.50	7.57	6.00
AWH0500	<a href="#">100330259</a>	1/2	37	16	27°	ST. STEEL	2"	6.50	7.57	6.00
	<a href="#">100330261</a>	3/4	53	28	19°	ST. STEEL	2"	8.50	12.50	9.21
AWH0650	<a href="#">100330260</a>	1/2	44	15	29°	ST. STEEL	2"	8.50	7.72	6.00
	<a href="#">100330261</a>	3/4	61	23	21°	ST. STEEL	2"	8.50	12.50	9.21
AWH0800	<a href="#">100330261</a>	3/4	61	22	26°	ST. STEEL	2"	8.50	12.50	9.21
	<a href="#">100330240</a>	3/4	79	23	20°	ST. STEEL	2"	11.50	19.25	16.30
AWH1000	<a href="#">100330261</a>	3/4	79	15	25°	ST. STEEL	2-1/2"	8.50	11.85	9.21
	<a href="#">100330240</a>	3/4	90	21	22°	ST. STEEL	2-1/2"	11.50	19.19	16.50
AWH1250	<a href="#">100297119</a>	1	112	23	22°	BRONZE	2-1/2"	11.5	18.25	14.81
	<a href="#">100297116</a>	2	145	35	17°	BRONZE	2-1/2"	11.5	18.25	14.81
AWH1500	<a href="#">100297119</a>	1	115	22	26°	BRONZE	2-1/2"	11.5	18.25	14.81
	<a href="#">100297116</a>	2	148	31	20°	BRONZE	2-1/2"	11.5	18.25	14.81
AWH2000	<a href="#">100297118</a>	2	145	27	27°	BRONZE	2-1/2"	11.5	19.25	14.81
	<a href="#">100297115</a>	3	180	39	22°	BRONZE	2-1/2"	11.5	19.25	14.81
AWH3000	<a href="#">100297117</a>	5	270	24	22°	BRONZE	4"	12	21.81	17.37
	<a href="#">100297117*</a>	5	270	24	22°	BRONZE	4"	12	21.81	17.37
AWH4000	<a href="#">100297117</a>	5	290	19	27°	BRONZE	4"	12	21.81	17.37
	Consult Factory	—	—	—	—	—	—	—	—	—

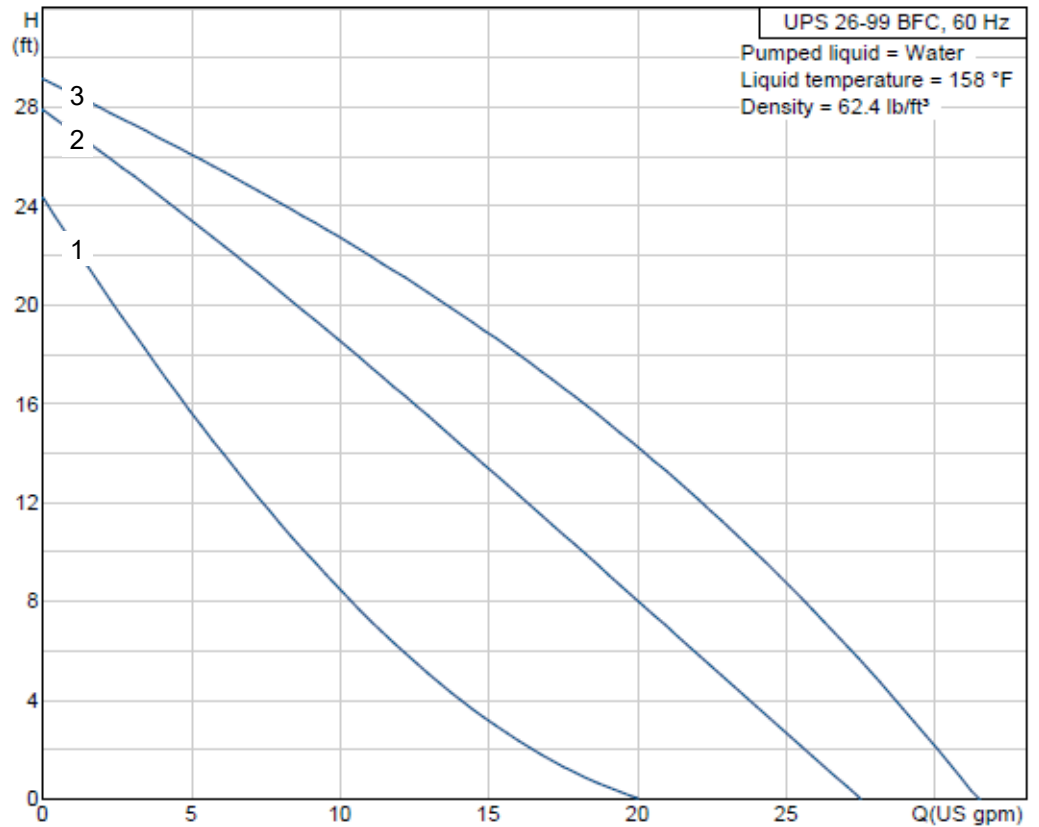
\* Same as standard pump

**NOTICE:** Pump sizing and flow requirements are based on 45 ft. of piping, (4) 90° elbows, (2) unions, and (2) ball valves.

**PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.**

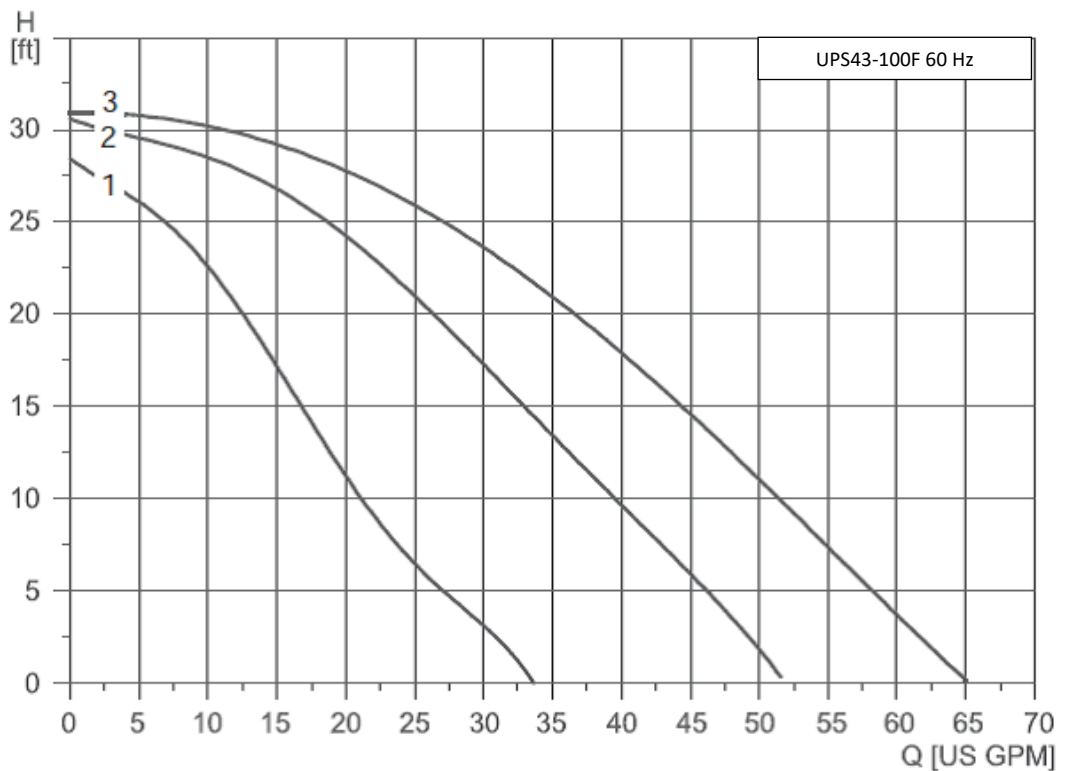
PART NO.	STD PUMP FOR MODELS:
100208409	WA125 WA200

VOLTAGE – AMP DRAW	
SPEED 1	120V–1.3A
SPEED 2	120V–1.5A
SPEED 3	120V–1.8A



PART NO.	STD PUMP FOR MODELS:
100287807	AW/OA 151 AW/OA 200
100166428	AW/OA 286

VOLTAGE – AMP DRAW	
SPEED 1	120V–2.5A
SPEED 2	120V–3.1A
SPEED 3	120V–3.5A



**Read the Installation and Operation Manual.**

*Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.*

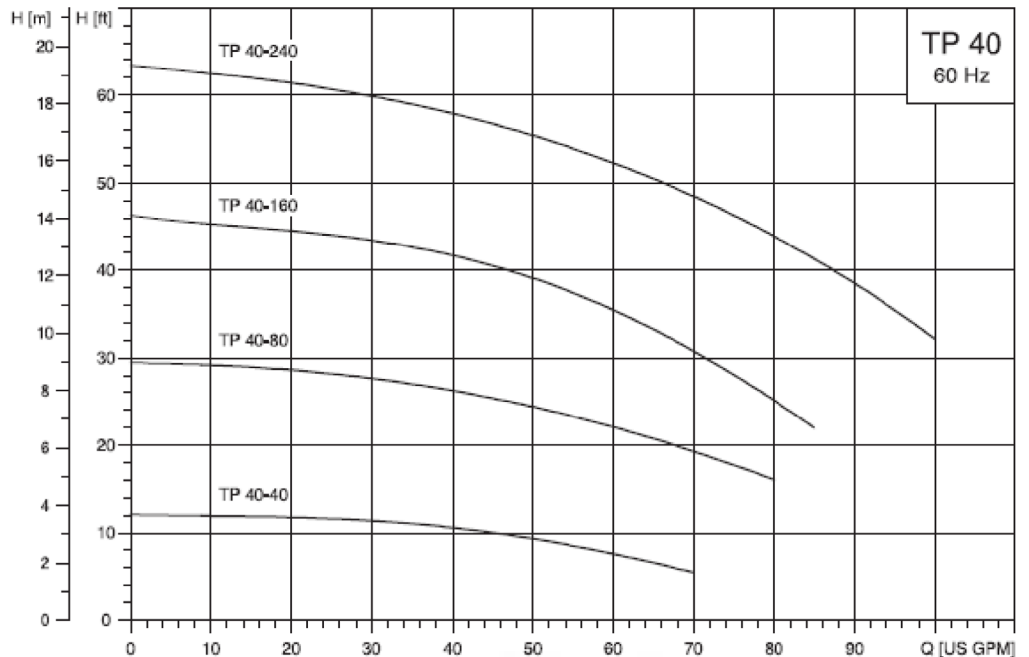
**PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.**

PART NO.	UPSIZED PUMP FOR MODELS:
100287809	AW/OA 151
(TP40-160)	AW/OA 200
	WA 125-200

PART NO.	UPSIZED PUMP FOR MODELS:
100166409	AW/OA 286
(TP40-160)	

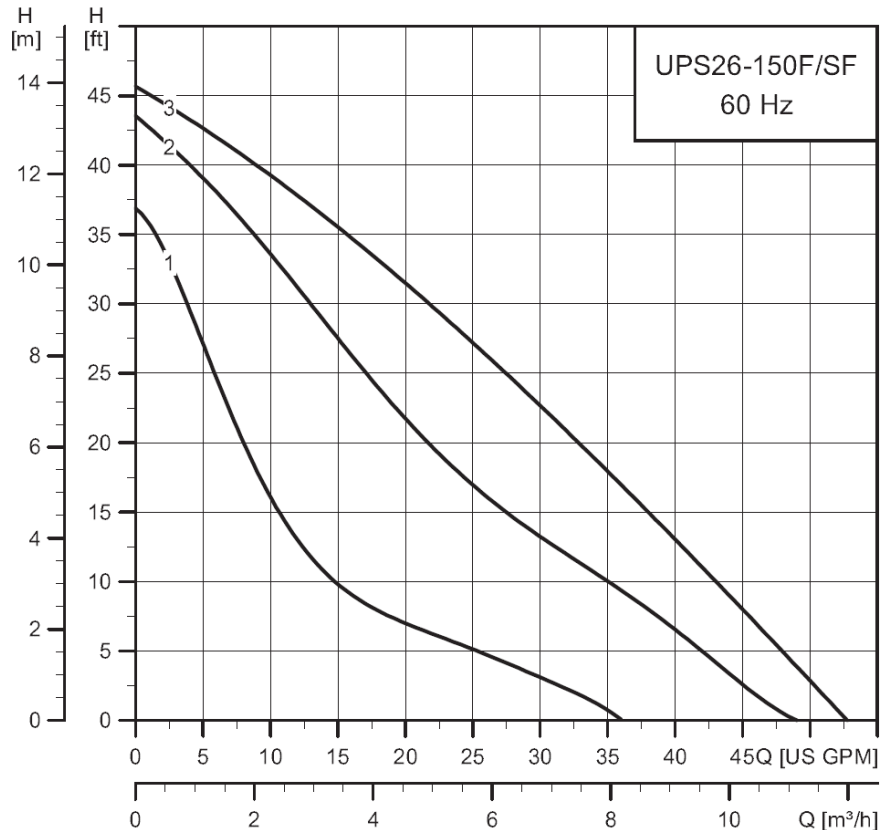
**VOLTAGE – AMP DRAW**

TP40-160  
115V – 9.6A



PART NO.	STD PUMP FOR MODELS:
100330259	AWH0400 (Speed 2)
	AWH0500 (Speed 3)

UPSIZED PUMP FOR MODELS:	VOLTAGE – AMP DRAW
AWH0400 (Speed 3)	115V – 3.5 A

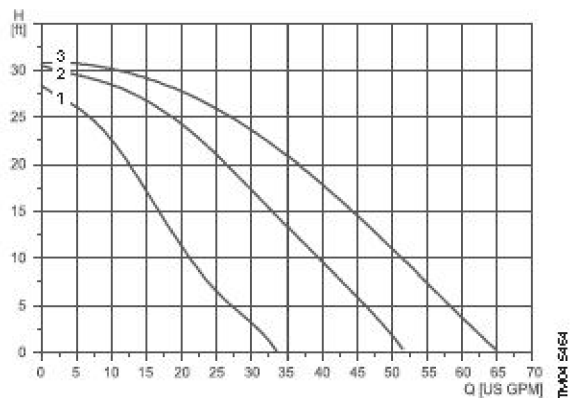


**Read the Installation and Operation Manual.**

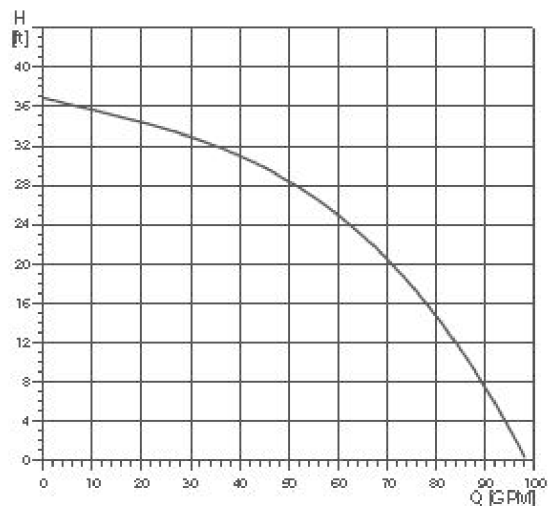
Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.

**PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.**

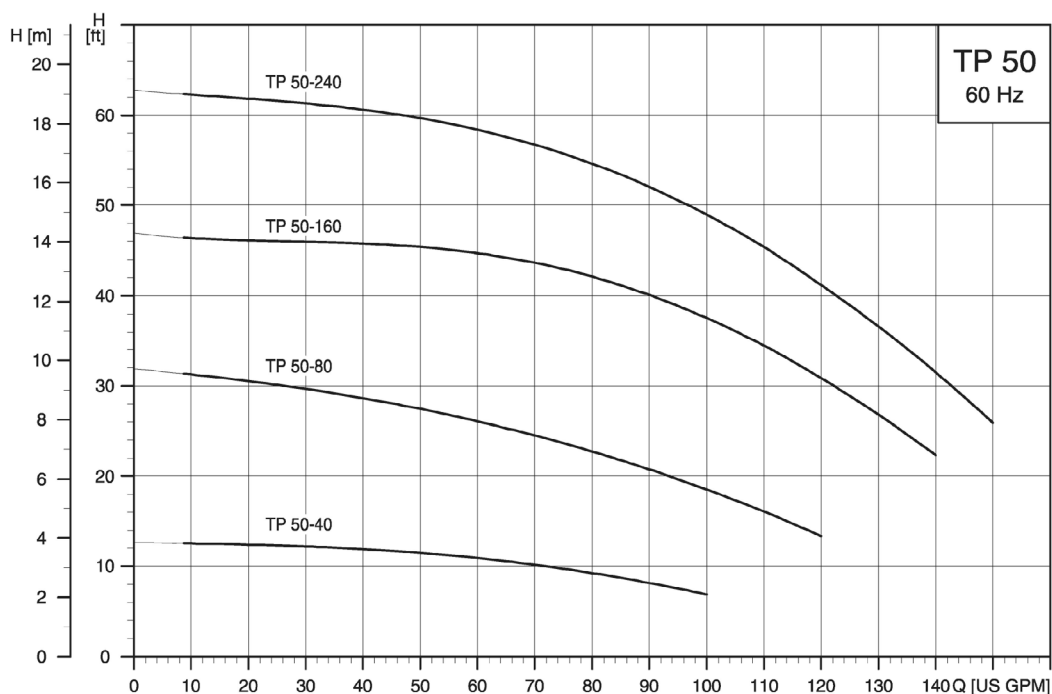
PART NO.	STD PUMP FOR MODELS:	VOLTAGE – AMP DRAW
100330260	AWH0650 (Speed 3)	115V – 3.5 A



PART NO.	STD PUMP FOR MODELS:	UPSIZED PUMP FOR MODELS:	VOLTAGE – AMP DRAW
100330261	AWH0800 AWH1000	AWH0500 AWH0650	115V – 5.1 A



PART NO.	UPSIZED PUMP FOR MODELS:
100330240	AWH0800 AWH1000 (TP50-80)
VOLTAGE – AMP DRAW	
115V – 9.6 A	



**Read the Installation and Operation Manual.**

*Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.*

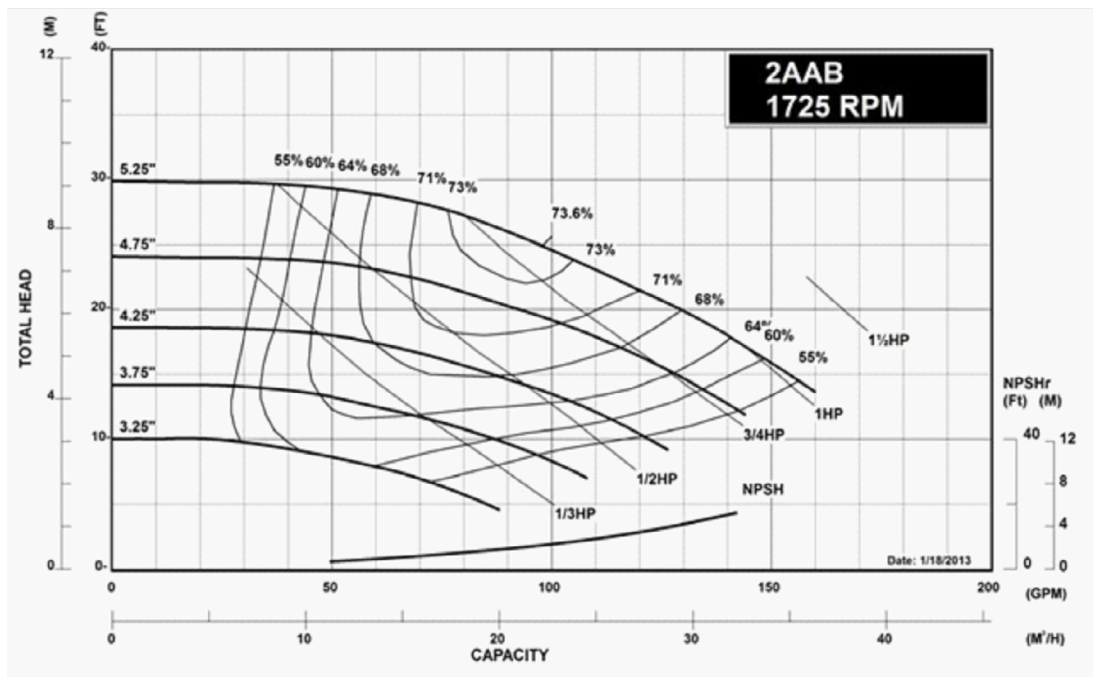
**PUMP CURVE INFORMATION IS BASED ON A SINGLE WATER HEATER PIPED TO A SINGLE STORAGE TANK INSTALLATION.**

**PART No. STD PUMP FOR MODELS:**

100297119 AWH1250  
AWH1500  
(5.25" Impeller Trim)

**VOLTAGE – AMP DRAW**

120V – 16 A

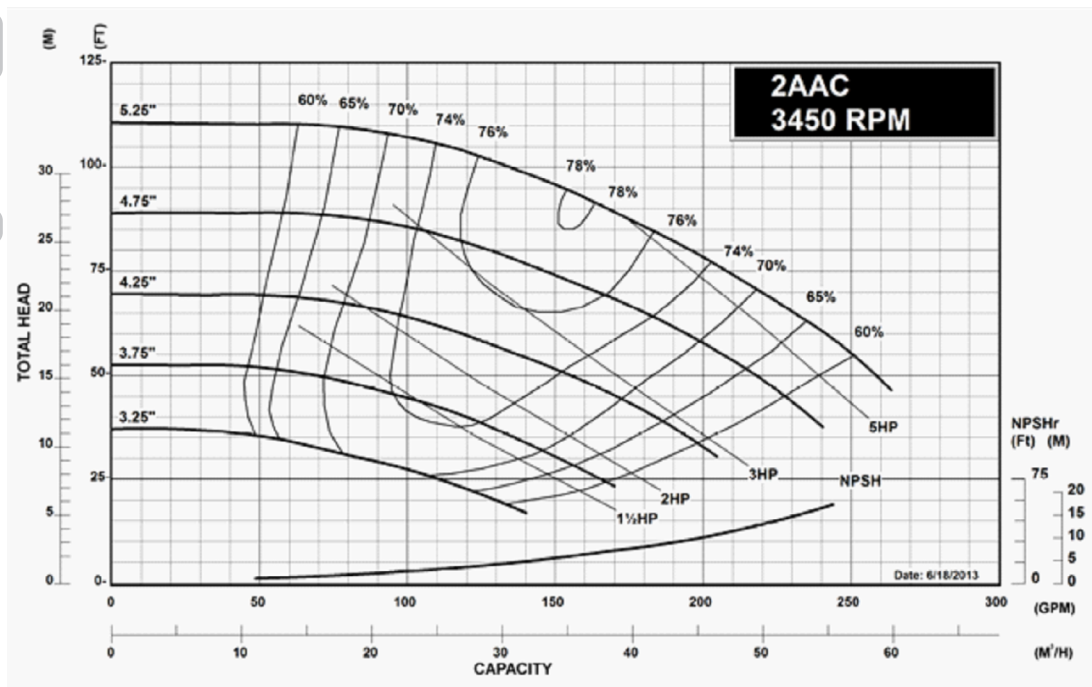


**PART No. UPSIZED PUMP FOR MODELS:**

100297116 AWH1250  
AWH1500  
(3.75" Impeller Trim)

**VOLTAGE – AMP DRAW**

120V – 24 A



**Read the Installation and Operation Manual.**

*Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.*

**PART NO. STD PUMP FOR MODELS:**

100297118 AWH2000  
(3.25" Impeller Trim)

**VOLTAGE – AMP DRAW**

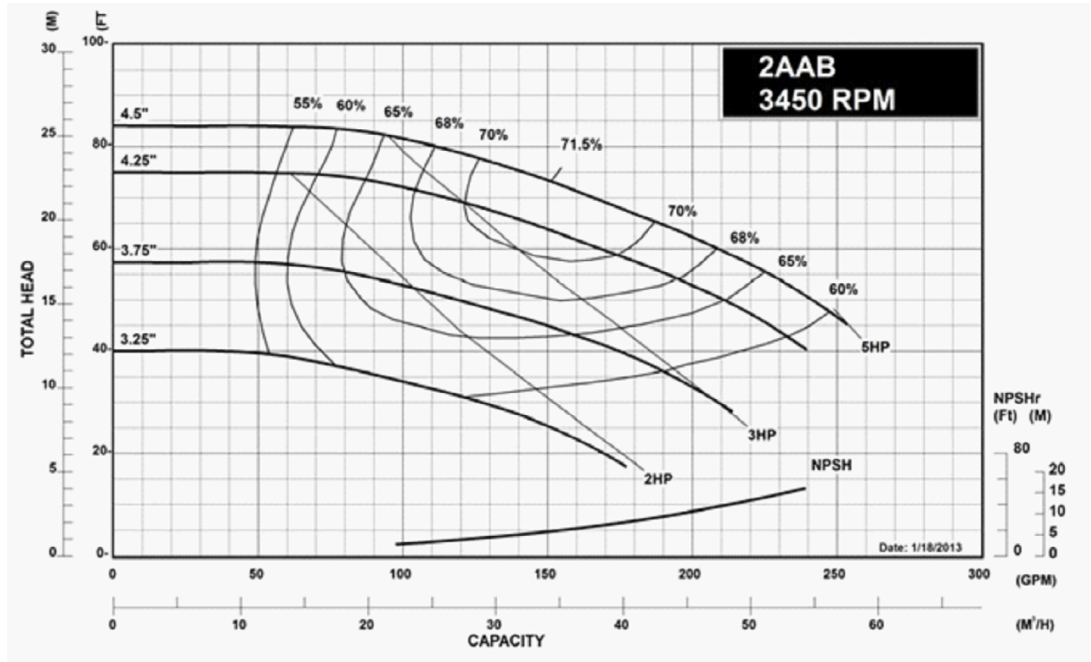
208V – 7.8 A, 3Ø

**PART NO. UPSIZED PUMP FOR MODELS:**

100297115 AWH2000  
(3.75" Impeller Trim)

**VOLTAGE – AMP DRAW**

208V – 11.0 A, 3Ø



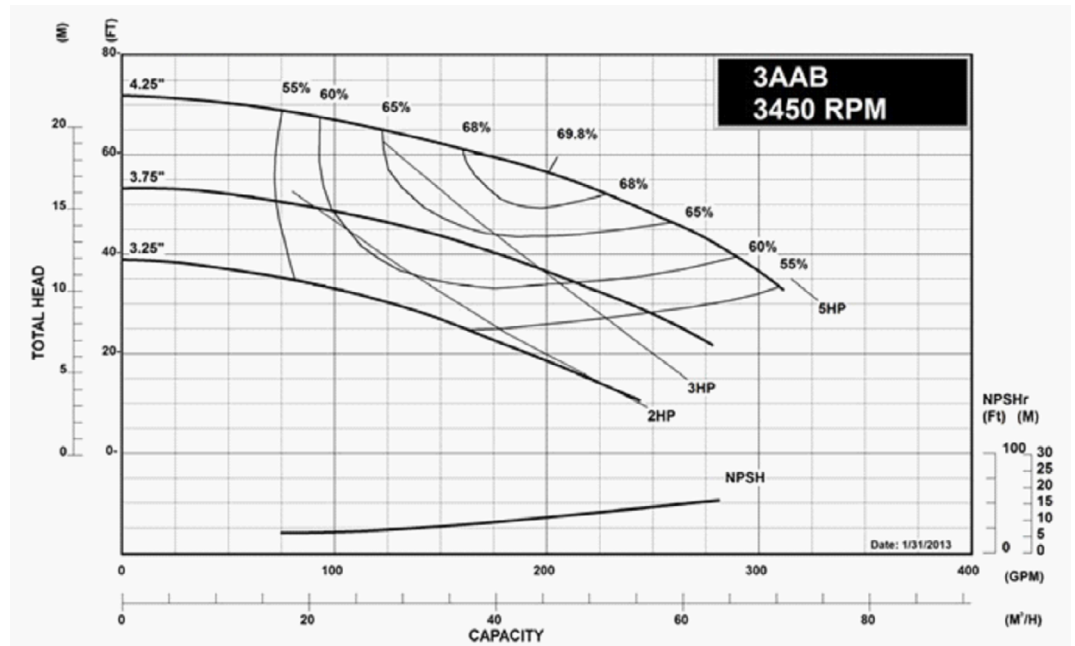
**PART NO. STD PUMP FOR MODELS:**

100297117 AWH3000  
AWH4000  
(3.75" Impeller Trim)

**VOLTAGE – AMP DRAW**

208V – 17.5 A, 3Ø

460V – 7.6 A, 3Ø



**Read the Installation and Operation Manual.**

*Please contact the factory if the planned system exceeds the pump capacity in flow and/or head loss.*