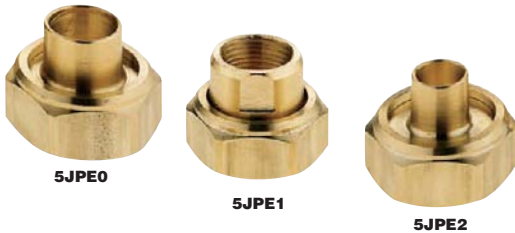


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Potable Circulating Pumps



Horsepower	Voltage	Maximum Flow Rate @ 5 Feet of Head	Maximum Flow Rate @ 10 Feet of Head	Maximum Flow Rate @ 15 Feet of Head	Maximum Feet of Head	Face to Face Dimension	Compatible Pipe Size	Flange or Union Included	No. of Speeds	Pump Housing Material	Series	Mfr. Model	Item No.
ARMSTRONG PUMPS INC. Three Phase													
3/4	208-240/460V AC	95 gpm	85 gpm	80 gpm	46 ft	13 1/2"	1 1/2"	Yes	1	Bronze	H-64	116480LF-137A	32UM83
BELL & GOSSETT Single Phase													
1/2	115V AC	22 gpm	—	—	8 ft	6 3/8"	3/4", 1", 1 1/4", 1 1/2"	No	1	Bronze	100 BNFI	106197LF	5JP09
	115V AC	27 gpm	22 gpm	13 gpm	18 ft	8 1/2"	3/4", 1", 1 1/4", 1 1/2"	No	1	Bronze	PR-AB	102208LF	5JP03
1/6	115V AC	38 gpm	22 gpm	—	12 ft	8 1/2"	1", 1 1/4", 1 1/2"	No	1	Bronze	HV BNFI	102213LF	5JP04
	115V AC	57 gpm	0 gpm	—	10 ft	8 1/2"	—	Yes	1	Bronze	2 BNFI	102217LF	5JP05
	115/208 -240V AC	55 gpm	40 gpm	30 gpm	19 ft	11"	1 1/4"	Yes	1	Bronze	BE604S	1EF018LF	422W59
	115/208 -240V AC	55 gpm	45 gpm	20 gpm	18 ft	11"	1"	Yes	1	Bronze	BE601S	1EF013LF	422W62
	115V AC	97 gpm	65 gpm	17 gpm	16 ft	10"	2 1/2"	Yes	1	Bronze	2 1/2 AB	102220LF	5JP06
	115V AC	98 gpm	65 gpm	17 gpm	16 ft	10"	3"	Yes	1	Bronze	LD3 AB	102224LF	5JP07
1/3	115/208 -240V AC	65 gpm	60 gpm	50 gpm	24 ft	11"	1 1/4"	Yes	1	Bronze	BE605S	1EF019LF	422G63
	115/240V AC	107 gpm	83 gpm	50 gpm	18 ft	10"	3"	Yes	1	Bronze	HD3 AB	102228LF	5JP08
	115/208 -240V AC	—	90 gpm	85 gpm	24 ft	11 1/2"	1 1/2"	Yes	1	Bronze	BE608S	1EF024LF	422W60
1/2	115V AC	—	105 gpm	80 gpm	23 ft	12"	3"	Yes	1	Bronze	PDB-35S	105092LF	5JPF1
	115/208 -240V AC	—	120 gpm	90 gpm	17 ft	11 1/2"	2"	Yes	1	Bronze	BE610S	1EF028LF	422W64
	115/208 -240V AC	—	155 gpm	120 gpm	24 ft	11 1/2"	2"	Yes	1	Bronze	BE611S	1EF029LF	422W61
3/4	115V AC	—	—	125 gpm	30 ft	12"	3"	Yes	1	Bronze	PDB-37S	105100LF	5JPF2
BELL & GOSSETT Three Phase													
1/2	208-240/460V AC	—	90 gpm	85 gpm	24 ft	11 1/2"	1 1/2"	Yes	1	Bronze	BE608T	1EF050LF	422W65
3/4	208-240/460V AC	—	155 gpm	120 gpm	24 ft	11 1/2"	2"	Yes	1	Bronze	BE611T	1EF056LF	422W66
TACO Single Phase													
1/2	115V AC	42 gpm	22 gpm	—	12 ft	8 3/4"	3/4", 1", 1 1/4", 1 1/2"	No	1	—	—	111-8S	30K953
Multi-Speed Potable Circulating Pumps													
ARMSTRONG PUMPS INC. Single Phase													
1/2	115V AC	0 gpm	—	—	5 ft	6"	1 1/4"	—	3	Stainless Steel	Astro 220SSU050S-TA	110223B-140	32UN16
1/2	115V AC	11 gpm	6 gpm	—	13 ft	6"	1 1/4"	—	3	Stainless Steel	Astro 225SSU	110223-310	32UN12
1/6	115V AC	14 gpm	9 gpm	3 gpm	18 ft	6 3/8"	1 1/4"	Yes	3	Stainless Steel	Astro 230SS	110223-306	32UN10
1/6	115V AC	15 gpm	11 gpm	7 gpm	24 ft	6 3/8"	1 1/4"	Yes	3	Stainless Steel	Astro 250SS	110223-308	32UN11
	240V AC	28 gpm	24 gpm	19 gpm	31 ft	6 1/2"	1 1/4"	Yes	3	Stainless Steel	Astro 280SS	110223-323	32UN07
5/16	115V AC	28 gpm	24 gpm	19 gpm	31 ft	6 1/2"	1 1/4"	Yes	3	Stainless Steel	Astro 280SS	110223-321	32UN06
	115V AC	46 gpm	28 gpm	—	14 ft	8 1/2"	2 1/2"	Yes	3	Stainless Steel	Astro 290SS	110223-329	32UN09
BELL & GOSSETT Single Phase													
1/15	115V AC	18 gpm	13 gpm	5 gpm	18 ft	6 3/8"	3/4", 1", 1 1/4", 1 1/2"	No	3	Bronze	NBF-25	103418LF	5JPA6
	115V AC	33 gpm	28 gpm	24 gpm	34 ft	6 3/8"	3/4", 1", 1 1/4", 1 1/2"	No	3	Bronze	NBF-36	103401LF	5JPA7
1/6	115V AC	39 gpm	31 gpm	23 gpm	28 ft	8 1/2"	1", 1 1/4", 1 1/2"	No	3	Bronze	NBF-45	103405LF	5JPA8
TACO Single Phase													
1/20	115V AC	15 gpm	11 gpm	4 gpm	17 ft	6 3/8"	3/4", 1", 1 1/4", 1 1/2"	No	3	Stainless Steel	0015	0015-MSSF3-IFC	33HM87
1/6	115V AC	30 gpm	15 gpm	0 gpm	15 ft	8 1/2"	1 1/2"	Yes	3	Stainless Steel	0012	0012-MSSF2-IFC	44ZD44
	115V AC	30 gpm	26 gpm	21 gpm	33 ft	6 1/2"	3/4", 1", 1 1/4", 1 1/2"	No	3	Stainless Steel	0013	0013-MSSF2-IFC	44ZD48
Energy Efficient Potable Circulating Pumps													
ARMSTRONG PUMPS INC. Single Phase													
1/6	115V AC	41 gpm	39 gpm	27 gpm	40 ft	6 1/2"	1 1/2"	No	Variable	Stainless Steel	Compass R4045SS-8.5X2 (230V)	119382-173	788V78
1/2	240V AC	124 gpm	116 gpm	93 gpm	25 ft	10"	3"	No	Variable	Stainless Steel	Compass R25140SS-10X4 (230V)	119282-373	788V82
Under-Sink Potable Circulating Pumps													
GOULDS WATER TECHNOLOGY Single Phase													
1/50	115V AC	0 gpm	—	—	5 ft	4 1/32"	1/2"	—	1	Brass	E1	E1-BCAFNRTW-01	10D425
TACO Single Phase													
1/40	115V AC	—	0 gpm	—	10 ft	8 1/4"	3/4"	—	1	Stainless Steel	HLS-2	HLS-1	44ZD50



Unions for Circulating Pumps

■ Bronze material

Unions allow for more connection type and pipe size options when mounting a circulating pump with union connections between two sections of pipe. They can act as an adapter between the pump's intake and discharge connections. Unions must match the material of the pump and the system in which it is used, hydronic or potable.

Mfr. Model	Compatible with Series	Union to Pump Connection Type	Union to Pump Connection Size	Union to Pipe Connection Type	Compatible Pipe Size	Item No.	Pkg. Qty.
Taco Unions for Circulating Pumps							
110-558		FNPT	1/2"	Sweat	1/2"	33HM90	1
Bell & Gossett Unions for Circulating Pumps							
113201LF	NBF	FNPT	3/4"	Sweat	3/4"	5JPE0	2
113202LF	NBF	FNPT	3/4"	FNPT	3/4"	5JPE1	2
113203LF	NBF	FNPT	1/2"	Sweat	1/2"	5JPE2	2
Armstrong Unions for Circulating Pumps							
810120-220	Astros	FNPT	1 1/4"	No-Union-Required	1 1/2"	788VK7	1
810120-222	Astros	FNPT	1 1/4"	No-Union-Required	3/4"	788VK8	1
810120-224	Astros	FNPT	1 1/4"	FNPT	3/4"	788VL0	1

Flanges for Circulating Pumps

■ 2 mounting holes

■ FNPT flange to pipe connection

Flanges allow for more connection type and pipe size options when mounting a flanged circulating pump inline between two sections of pipe. The flange can act as an adapter between the pumps intake and discharge connections. They should be matched with the compatible series and manufacturer model number of the pump. 4JA91 includes a ball valve which can shut down the water supply to the pump to facilitate maintenance and replacement.

Compatible Pipe Size	Mfr. Model	Compatible with Series	Flange Material	Item No.
BELL & GOSSETT Standard Type				
For Use With Hydronic Systems				
3/4"	101201	100, Ecocirc XL, NRF-33, NRF-36 PL-30, NRF-9F/LW, PL-36, PL-55, PR, PR NRF-22, Series 100	Cast Iron	4RC77
1"	101202	100, PR	Cast Iron	4RC78
1"	101205	HV	Cast Iron	4RC81
1 1/4"	101203	100, PR	Cast Iron	4RC79
1 1/2"	101204	100, PR	Cast Iron	4RC80
1 1/2"	101207	HV	Cast Iron	4RC83
BELL & GOSSETT Isolation Type				
For Use With Potable Systems				
3/4"	101221LF	100, LR, PR	Brass, Steel	4JA91
1"	101222LF	100, LR, PR	Brass, Steel	4JA92
TACO Standard Type				
For Use With Hydronic Systems				
3/4"	110-251F	110, 2400	Cast Iron	2KGW2
For Use With Potable Systems				
3/4"	110-251SF-1	110, 2400	Stainless Steel	3GZU5
1"	110-252SF	110, 2400	Stainless Steel	3GZU6