

Mr. Model	Compatible with Grainger Part Number	Impeller Diameter	Impeller Material	Item No.
Impellers for Self-Priming Centrifugal Pumps				
PP14005G	4UA76	4 3/8 in	Cast Iron	23AT81
PP18004AG	4UA80A	5 1/8 in	Cast Iron	23AT84
PP18004BG	4UA79A	4 1/8 in	Cast Iron	23AT85
PP23023C40201G	4YKP7	4 in	Cast Iron	23AV70
PPL2210SG	2ZXP9, 2ZXR1, 2ZXR8, 2ZXR9	4 in	Stainless Steel	23CG23
PPL2212ACG	2ZXP7, 2ZXP8	4 3/8 in	Cast Iron	23CG24
PPL2212ASG	2ZXR6, 2ZXR7, 2ZXT5, 2ZXT6	4 3/8 in	Stainless Steel	23CG25
PPL2212CSG	2ZXR2, 2ZXR3, 2ZXT1, 2ZXT2	3 3/8 in	Stainless Steel	23CG29
PPTLS1006G	5RWG6, 5RWH9	5 1/4 in	Stainless Steel	46L091
PPTLS1506G	5RWG7, 5RWG8	5 1/4 in	Stainless Steel	46L093
PPTLS2006G	5RWG9, 5RWJ0	5 1/4 in	Stainless Steel	46L096
PPTLS5012G	5RWH4	6 1/8 in	Stainless Steel	46L125
PPTLSP076G	5RWP3, 5UPW3, 5UPW4, 5UPW5	5 1/8 in	Plastic	46L144
PPTLSP106G	5RWP4	5 1/8 in	Plastic	46L157
PPTLSP209G	5UPW1, 5UPW8	6 1/8 in	Plastic	46L165
PPTLSP309G	5UPW2, 5UPW9	6 1/8 in	Plastic	46L174
PPTPXX806G	5PX8	4 1/8 in	Cast Iron	46L061
Impellers for Self-Priming Trash Pumps				
PP44004G	4YU36A, 4YU37A	3 3/4 in	Stainless Steel	23AT57
PP45006G	12N806	5 in	Stainless Steel	23AT11
PP46006AG	12N807	5 1/4 in	Stainless Steel	23AT15
PP46006G	12N808, 12N809	5 3/8 in	Stainless Steel	23AT16



Self-Priming Centrifugal 46L144



Self-Priming Trash Pump 23AT16



Impellers for Self-Priming Pumps

Impellers rotate within the pump to move liquids through a system using centrifugal force. Impellers must match the self-priming pump's brand, series, and manufacturer number.

Impellers for Self-Priming Trash Pumps—Handle liquids containing large solids or debris.

Item	Mr. Model	Compatible with Grainger Part Number	Gasket Material	Item No.
Seals & Gaskets for Self-Priming Centrifugal Pumps				
Gasket	PP60074G	4UA78A, 4UA79A, 4UA80A	Buna-N	23AT89
	PP60081G	4UA64A, 4UA65A, 4UA66A, 4UA67A, 4UA69A, 4UA71A, 4UA73A, 4UA76A, 4UA77A	Buna-N	23AT91
Mechanical Seal	PP21103031602G	4YKN6, 4YKN7, 4YKN8, 4YKN9, 4YKP1, 4YKP2, 4YKP3, 4YKP4, 4YKP5, 4YKP6, 4YKP7, 4YKP8, 4YKP9, 6GPG3, 6GPG4	Stainless Steel	23CC80
		12A075A, 12A079A, 12N810, 12N812, 12N814, 12N814, 55J36A, 55J37A, 55J39A, 55J41A, 55J43A, 55J45A, 55J47A, 55J49A, 55J51A, 55J53, 55J54A, 55J56A, 55J58A, 55J60, 55J61A	Buna-N	5DXY7
Seal Kit	5DXY8	12A076A, 12A080A, 12N811, 12N813, 12N815, 55J38A, 55J40A, 55J42A, 55J44A, 55J46A, 55J48A, 55J50A, 55J52A, 55J55A, 55J57A, 55J59A, 55J62A, 55J67A	Viton	5DXY8
		4UA63A, 4UA64A, 4UA65A, 4UA66A, 4UA67A, 4UA69A, 4UA71A, 4UA73A, 4UA76A, 4UA77A, 4YU36B, 4YU37A, 55J63, 55J64	Buna-N	5DXY9
		4UA68A, 4UA70A, 4UA72A, 4UA74A, 4UA75A, 55J38A, 55J65A, 5GUP1, 5GUP2, 5GUP3, 5GUP4	Viton	5DXZ0
Shaft Seal	PP60052G	4UA63A, 4UA64A, 4UA65A, 4UA66A, 4UA67A, 4UA69A, 4UA71A, 4UA73A, 4UA76A, 4UA77A, 4YU36A, 4YU37A, 4ZA35A, 4ZA37A	Buna-N	23CH53
	PP60053G	4UA68A, 4UA70A, 4UA72A, 4UA74A, 4UA75A, 4ZA49A, 4ZA51A	Viton	23CJ09
Seals & Gaskets for Self-Priming Sprinkler Pumps				
Gasket	PPTLS0708G	5RWG5, 5RWG6, 5RWG7, 5RWG8, 5RWG9, 5RWH0, 5RWH1, 5RWH2, 5RWH3, 5RWH6, 5RWH7, 5RWH8, 5RWH9, 5RWJ0	NBR	46L078
	PPTLS5014G	5RWH4, 5RWH5	NBR	46L127
	PPTLSP005G	5RWP3, 5RWP5, 5UPW3, 5UPW7	NBR	46L143
	PPTLSP008G	5RWP3, 5RWP5, 5UPW3, 5UPW7	NBR	46L146
Seal Kit	PPTLSP013G	5RWG5, 5RWH0, 5RWH1, 5RWH2, 5RWH3, 5RWH9, 5RWJ0	Carbon, Ceramic, EPDM, Stainless Steel	46L101
Seal Kit	PPTLS5013G	5RWH4, 5RWH5	Carbon, Ceramic, NBR, Stainless Steel	46L126
Seals & Gaskets for Self-Priming Trash Pumps				
Gasket	PP60082G	12N806, 4YY38A	Buna-N	23AT20
	PP60083G	4YY39A, 4YY40A, 4YY41A	Buna-N	23AT21
	PP60084G	4YU36A, 4YU37A	Buna-N	23AT22



Centrifugal Pump Mechanical Seal 23CC80



Sprinkler Pump Gasket 46L101



Trash Pump Gasket 23AT22



Seals & Gaskets for Self-Priming Pumps

Prevent liquids from exiting the pump body, keeping motors and bearing assemblies dry. Replacement seals and gaskets must match the self-priming pump's brand, series, and manufacturer model number.

Self-Priming Sprinkler Pumps



▪ NPT connections

Achieve pressure and flow rates necessary for applications such as irrigation, sprinkler systems, and dewatering. Pumps use suction lift to draw liquids up from a source located below the pumps' inlet. Must be primed before first use. 3-phase units do not have overload protection and require a pump control box, sold separately on page 2512.



Single Phase, 120/240V AC, Cast Iron 1N439



Three Phase, 208-240/480V AC, Cast Iron 5RWH3

HP	Suction Lift (Maximum)	Flow Rate @ 10 psi	Flow Rate @ 20 psi	Flow Rate @ 30 psi	Shut Off Pressure (Maximum)	Intake & Discharge Size	Maximum Feet of Head	Suction Lift (Maximum)	Best Efficiency Flow	Best Efficiency Head	Motor Enclosure†	Brand	Mr. Model	Item No.
Single Phase, 115/230V AC														
Cast Iron Housing														
1	25 ft	51 gpm	33 gpm	19 gpm	44 psi	1 1/2 in., 1 1/2 in	101 ft	25 ft	32 gpm	69 ft of head	TEFC	Dayton	5RWG6	5RWG6
1 1/2	25 ft	57 gpm	46 gpm	35 gpm	50 psi	1 1/2 in., 1 1/2 in	104 ft	25 ft	35 gpm	69 ft of head	TEFC	Dayton	5RWG7	5RWG7
Single Phase, 120/208-240V AC														
Cast Iron Housing														
3	25 ft	78 gpm	68 gpm	58 gpm	77 psi	1 1/2 in., 1 1/2 in	169 ft	25 ft	38 gpm	119 ft of head	TEFC	Dayton	5RWH2	5RWH2
Plastic Housing														
1	20 ft	55 gpm	45 gpm	31 gpm	46 psi	2 in., 1 1/2 in	106 ft	20 ft	31 gpm	70 ft of head	TEFC	Dayton	5RWP4	5RWP4
1 1/2	20 ft	67 gpm	61 gpm	48 gpm	50 psi	2 in., 1 1/2 in	115 ft	20 ft	39 gpm	85 ft of head	TEFC	Dayton	5RWP5	5RWP5
2	20 ft	90 gpm	64 gpm	61 gpm	58 psi	2 in., 2 in	134 ft	20 ft	47 gpm	70 ft of head	TEFC	Dayton	5UPW1	5UPW1
3	20 ft	92 gpm	80 gpm	66 gpm	61 psi	2 in., 2 in	141 ft	20 ft	55 gpm	90 ft of head	TEFC	Dayton	5UPW2	5UPW2
Single Phase, 120/240V AC														
Cast Iron Housing														
3/4	25 ft	46 gpm	44 gpm	34 gpm	45 psi	1 1/2 in., 1 1/2 in	104 ft	25 ft	40 gpm	60 ft of head	ODP	Goulds	GT07	1N441
1	25 ft	60 gpm	53 gpm	43 gpm	51 psi	1 1/2 in., 1 1/2 in	118 ft	25 ft	50 gpm	55 ft of head	ODP	Goulds	GT10	1N440
1 1/2	25 ft	—	63 gpm	60 gpm	53 psi	1 1/2 in., 1 1/2 in	122 ft	25 ft	50 gpm	92 ft of head	ODP	Goulds	GT153	1N439
Single Phase, 240V AC														
Cast Iron Housing														
2	25 ft	86 gpm	86 gpm	80 gpm	55 psi	1 1/2 in., 1 1/2 in	125 ft	25 ft	65 gpm	97 ft of head	ODP	Goulds	GT20	1N438
3	25 ft	110 gpm	105 gpm	92 gpm	56 psi	1 1/2 in., 1 1/2 in	129 ft	25 ft	70 gpm	102 ft of head	ODP	Goulds	GT30	1N436
Three Phase, 208-240/480V AC														
Cast Iron Housing														
3/4	25 ft	46 gpm	44 gpm	34 gpm	45 psi	1 1/2 in., 1 1/2 in	104 ft	25 ft	40 gpm	60 ft of head	ODP	Goulds	GT073	6MR22
1	25 ft	60 gpm	53 gpm	43 gpm	51 psi	1 1/2 in., 1 1/2 in	118 ft	25 ft	50 gpm	55 ft of head	ODP	Goulds	GT103	6MR23
1 1/2	25 ft	—	63 gpm	60 gpm	53 psi	1 1/2 in., 1 1/2 in	122 ft	25 ft	50 gpm	92 ft of head	ODP	Goulds	GT153	6MR24
2	25 ft	86 gpm	86 gpm	80 gpm	55 psi	1 1/2 in., 1 1/2 in	125 ft	25 ft	65 gpm	97 ft of head	ODP	Goulds	GT203	1N437
3	25 ft	70 gpm	68 gpm	49 gpm	77 psi	1 1/2 in., 1 1/2 in	169 ft	25 ft	38 gpm	119 ft of head	TEFC	Dayton	5RWH3	5RWH3
5	25 ft	110 gpm	105 gpm	92 gpm	56 psi	1 1/2 in., 1 1/2 in	129 ft	25 ft	70 gpm	102 ft of head	ODP	Goulds	GT303	1N435
7 1/2	25 ft	122 gpm	107 gpm	90 gpm	70 psi	2 in., 2 in	161 ft	25 ft	63 gpm	105 ft of head	TEFC	Dayton	5RWH4	5RWH4
7 1/2	25 ft	157 gpm	140 gpm	132 gpm	78 psi	2 in., 2 in	180 ft	25 ft	85 gpm	117 ft of head	TEFC	Dayton	5RWH5	5RWH5

† TEFC = Totally Enclosed Fan Cooled. ODP = Open Drip Proof.