



**Three Phase  
12N807**



**Three Phase  
4YU36**

**Dayton**

## Self-Priming Centrifugal Trash Pumps

- Cast iron housing
- TEFC (Totally Enclosed Fan Cooled) motor enclosure
- NPT connections

Handle liquids containing large solids or debris. Pumps use suction lift to draw liquids up from a source located below the pump's inlet, and must be primed before first use. Commonly used in dewatering, mining operations, or water treatment. 3-phase pumps do not have overload protection, which must be provided by a starter unit sold separately, see page 153.

HP	Suction Lift (Maximum)	Flow Rate @ 20 ft of Head (Maximum)	Flow Rate @ 40 ft of Head (Maximum)	Flow Rate @ 60 ft of Head (Maximum)	Maximum Feet of Head*	Solid Diameter (Maximum)	Best Efficiency Head	Intake & Discharge Size	Item No.
<b>Single Phase, 230V AC</b>									
3	20 ft	110 gpm	54 gpm	0 gpm	60 ft	1 in	39 ft	2 in, 2 in	4YU37
<b>Three Phase, 208-230/460V AC</b>									
5	20 ft	148 gpm	128 gpm	103 gpm	105 ft	1 in	66 ft	2 in, 2 in	12N806
7½	20 ft	357 gpm	214 gpm	128 gpm	92 ft	1.3 in	39 ft	3 in, 3 in	12N807
10	20 ft	331 gpm	296 gpm	236 gpm	109 ft	1.3 in	55 ft	3 in, 3 in	12N808
<b>Three Phase, 230/460V AC</b>									
3	20 ft	110 gpm	54 gpm	0 gpm	60 ft	1 in	39 ft	2 in, 2 in	4YU36
15	20 ft	148 gpm	485 gpm	360 gpm	120 ft	1.3 in	49 ft	4 in, 4 in	12N809

\* To convert to psi, divide total feet of head by 2.31.



**Three Phase, 316 Stainless Steel  
5WXT9**



**Single Phase, Noryl Housing  
2YEW2**



**Single Phase, 316 Stainless Steel Housing  
5WXR9**



**Three Phase, Polypropylene Housing  
2YER6**

**Dayton**

## Chemical-Resistant Straight Centrifugal Pumps

- NPT connections
- Closed impeller

Move mild acidic fluids, chemicals, and other corrosive liquids through piping systems. Commonly used in agricultural and industrial applications. 3-phase pumps do not have overload protection, which must be provided by a starter unit sold separately, see page 153.

HP	Voltage	Flow Rate (Maximum)	Suction Port	Discharge Port	Flow Rate @ 10 ft of Head (Maximum)	Flow Rate @ 15 ft of Head (Maximum)	Flow Rate @ 20 ft of Head (Maximum)	Feet of Head* (Maximum)	Media Temperature (Maximum)	Motor Enclosure	Viscosity (Maximum)	Item No.
<b>Single Phase</b>												
<b>304 Stainless Steel Housing, Impeller &amp; Volute</b>												
½	115/230	21 gpm	¾ in NPT	½ in NPT	22 gpm	20 gpm	18 gpm	50 ft	200 °F	Totally Enclosed Fan Cooled	31 SUS	4JMW6
½	115/230	38 gpm	¾ in NPT	¾ in NPT	34 gpm	32 gpm	29 gpm	50 ft	200 °F	Totally Enclosed Fan Cooled	31 SUS	4JMW7
2	115/230	130 gpm	2 in NPT	1 ½ in NPT	114 gpm	106 gpm	109 gpm	68 ft	200 °F	Open Dripproof	31 SUS	4JMW2
2	115/230	130 gpm	2 in NPT	1 ½ in NPT	114 gpm	106 gpm	109 gpm	68 ft	200 °F	Totally Enclosed Fan Cooled	31 SUS	4JMX6
<b>316 Stainless Steel Housing, Impeller &amp; Volute</b>												
½	115/230	21 gpm	¾ in NPT	½ in NPT	22 gpm	20 gpm	18 gpm	50 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXR9
½	115/230	38 gpm	¾ in NPT	¾ in NPT	34 gpm	32 gpm	29 gpm	50 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT0
1 ½	115/230	116 gpm	1 ½ in NPT	1 ¼ in NPT	100 gpm	98 gpm	95 gpm	78 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT6
2	115/230	130 gpm	2 in NPT	1 ½ in NPT	114 gpm	106 gpm	109 gpm	68 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT8
3	230	150 gpm	2 in NPT	1 ½ in NPT	144 gpm	138 gpm	131 gpm	81 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXTU0
<b>Noryl Housing, Impeller &amp; Volute</b>												
½	115/208-230	22 gpm	1 ½ in NPT	1 ½ in NPT	22 gpm	20 gpm	19 gpm	62 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEV4
¾	115/208-230	37 gpm	1 ½ in NPT	1 ½ in NPT	37 gpm	35 gpm	33 gpm	72 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEV7
1 ½	115/208-230	85 gpm	1 ½ in NPT	1 ½ in NPT	85 gpm	81 gpm	78 gpm	84 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEW2
1	115/208-230	55 gpm	1 ½ in NPT	1 ½ in NPT	55 gpm	54 gpm	53 gpm	79 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEV9
<b>Polypropylene Housing, Impeller &amp; Volute</b>												
1 ½	115/208-230	85 gpm	1 ½ in NPT	1 ½ in NPT	85 gpm	81 gpm	78 gpm	84 ft	140 °F	Open Dripproof	100 SUS	2YER9
2	115/208-230	96 gpm	1 ½ in NPT	1 ½ in NPT	96 gpm	92 gpm	89 gpm	91 ft	140 °F	Totally Enclosed Fan Cooled	100 SUS	2YEU2
<b>Three Phase</b>												
<b>304 Stainless Steel Housing, Impeller &amp; Volute</b>												
½	208-230/460	38 gpm	¾ in NPT	¾ in NPT	34 gpm	32 gpm	29 gpm	50 ft	200 °F	Totally Enclosed Fan Cooled	31 SUS	4JMW8
¾	230/460	58 gpm	1 ¼ in NPT	¾ in NPT	46 gpm	44 gpm	42 gpm	62 ft	200 °F	Open Dripproof	31 SUS	4JMV6
1 ½	230/460	116 gpm	1 ½ in NPT	1 ¼ in NPT	100 gpm	98 gpm	95 gpm	78 ft	200 °F	Open Dripproof	31 SUS	4JMW1
2	230/460	130 gpm	2 in NPT	1 ½ in NPT	114 gpm	106 gpm	109 gpm	68 ft	200 °F	Open Dripproof	31 SUS	4JMW3
3	230/460	150 gpm	2 in NPT	1 ½ in NPT	144 gpm	138 gpm	131 gpm	81 ft	200 °F	Open Dripproof	31 SUS	4JMW5
<b>316 Stainless Steel Housing, Impeller &amp; Volute</b>												
½	208-230/460	38 gpm	¾ in NPT	¾ in NPT	34 gpm	32 gpm	29 gpm	50 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT1
¾	208-230/460	58 gpm	1 ¼ in NPT	¾ in NPT	46 gpm	44 gpm	42 gpm	62 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT3
1	208-230/460	90 gpm	1 ½ in NPT	1 ½ in NPT	75 gpm	70 gpm	65 gpm	65 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT5
1 ½	208-230/460	116 gpm	1 ½ in NPT	1 ¼ in NPT	100 gpm	98 gpm	95 gpm	78 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT7
2	208-230/460	130 gpm	2 in NPT	1 ½ in NPT	114 gpm	106 gpm	109 gpm	68 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXT9
3	208-230/460	150 gpm	2 in NPT	1 ½ in NPT	144 gpm	138 gpm	131 gpm	81 ft	300 °F	Totally Enclosed Fan Cooled	260 SUS	5WXTU1
<b>Noryl Housing, Impeller &amp; Volute</b>												
½	208-230/460	26 gpm	1 ½ in NPT	1 ½ in NPT	26 gpm	24 gpm	23 gpm	68 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEV6
¾	208-230/460	37 gpm	1 ½ in NPT	1 ½ in NPT	37 gpm	35 gpm	33 gpm	72 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEV8
1	230/460	55 gpm	1 ½ in NPT	1 ½ in NPT	55 gpm	54 gpm	53 gpm	79 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEW1
2	230/460	96 gpm	1 ½ in NPT	1 ½ in NPT	96 gpm	92 gpm	89 gpm	91 ft	180 °F	Totally Enclosed Fan Cooled	100 SUS	2YEW5
<b>Polypropylene Housing, Impeller &amp; Volute</b>												
½	208-230/460	26 gpm	1 ½ in NPT	1 ½ in NPT	26 gpm	24 gpm	23 gpm	68 ft	140 °F	Open Dripproof	100 SUS	2YER4
¾	208-230/460	37 gpm	1 ½ in NPT	1 ½ in NPT	37 gpm	35 gpm	33 gpm	72 ft	140 °F	Open Dripproof	100 SUS	2YER6

\* To convert to psi, divide total feet of head by 2.31.