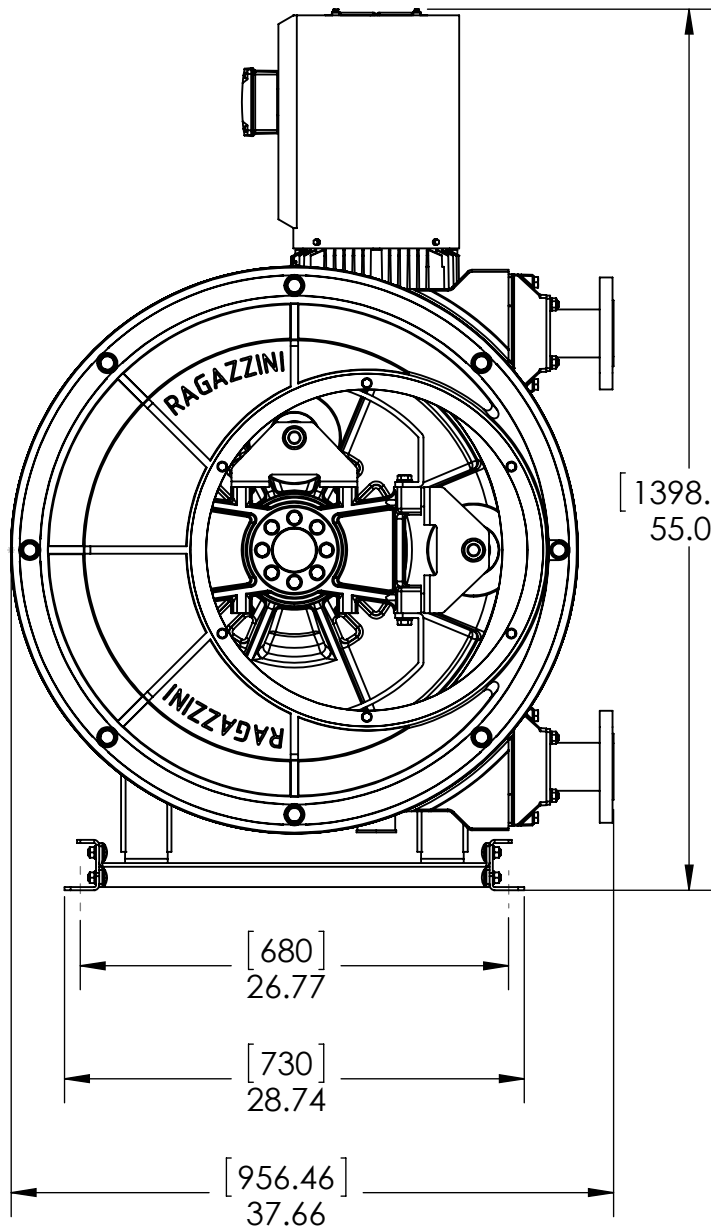
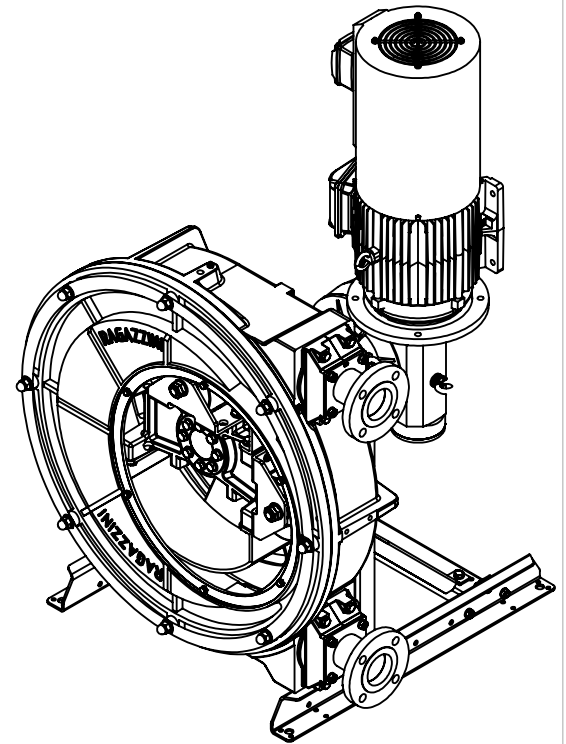
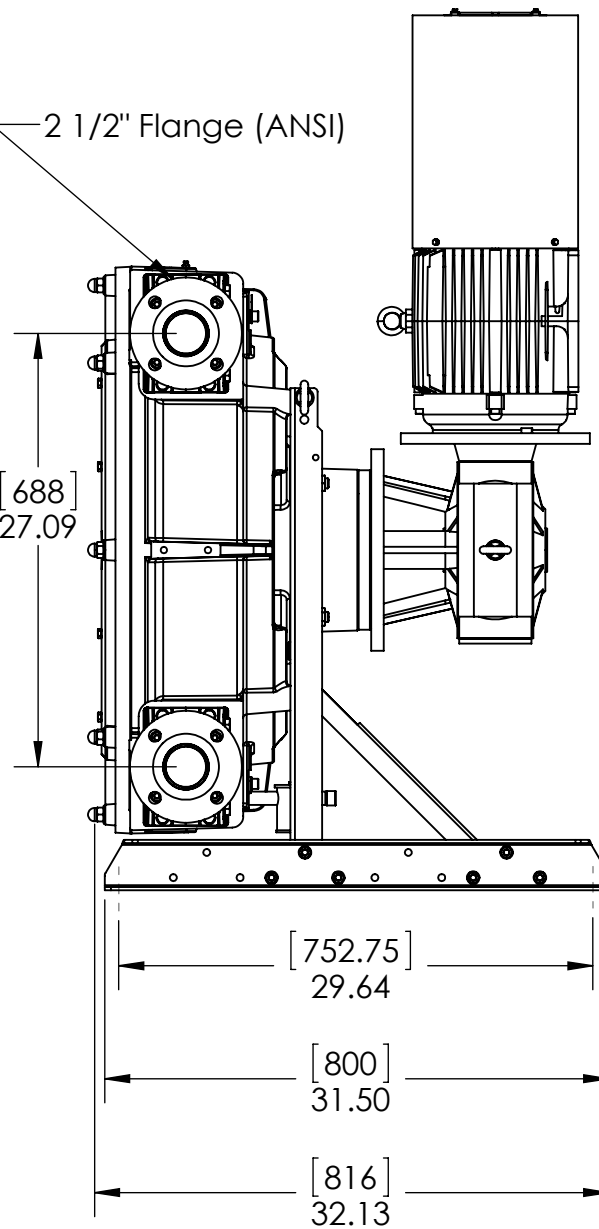




2 1/2" Flange (ANSI)



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Drawing Notes:

- Right Angle Worm Gear Reducer: 120 PSI (8 Bar) Max, Refer To Pump Data Sheets For Gearbox & Motor Selection.
- Inverter Duty Motor Depicted.
- Inlet/Outlet Right Facing (position 1).
- Clear window removed to show full detail.

Model:

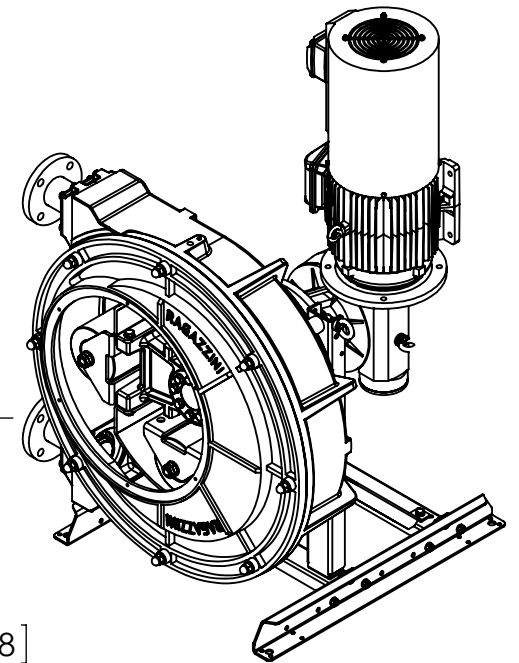
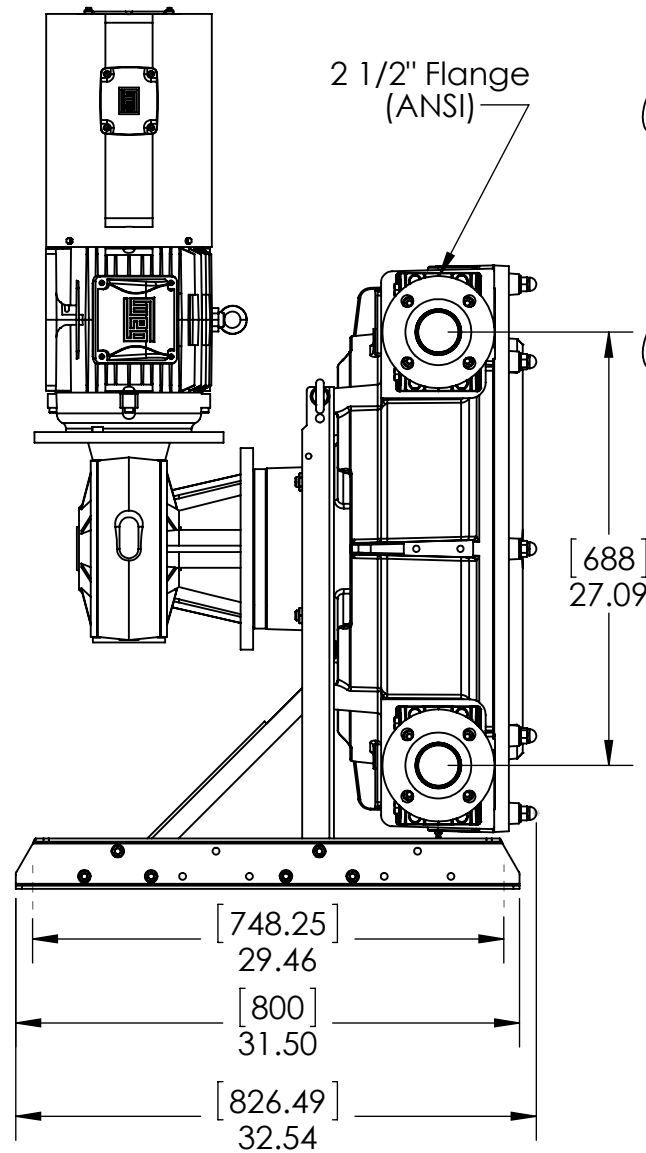
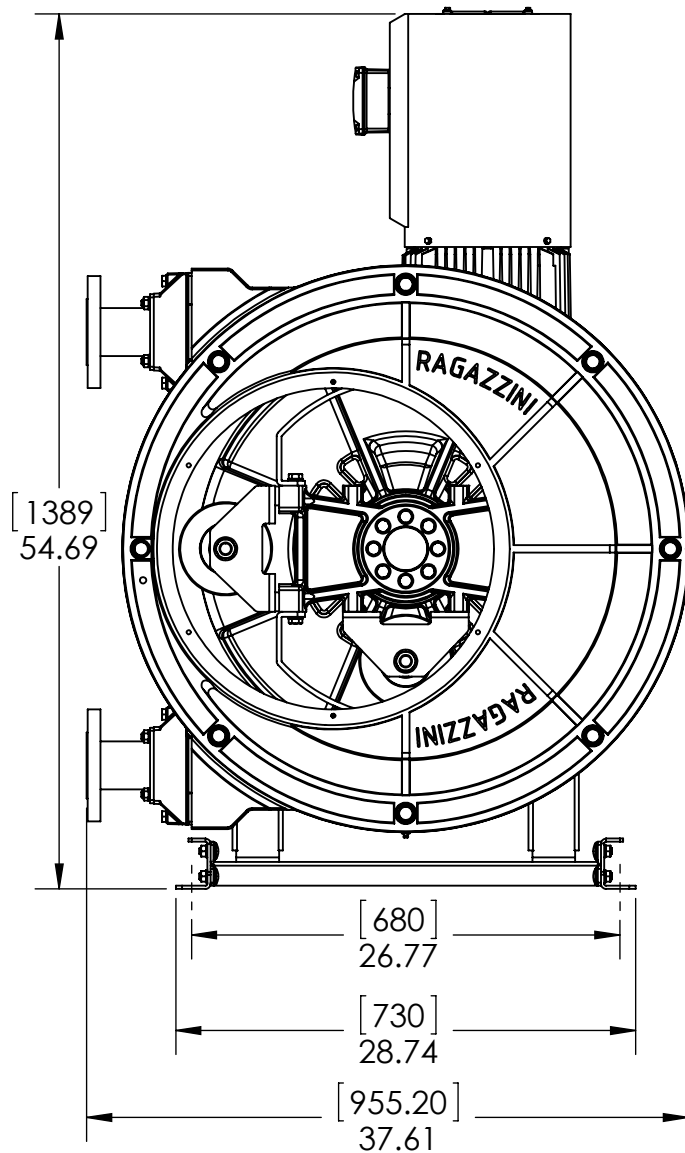
M68-A

Rotho
PUMP

www.kecopump.com
800-900-7867 (PUMP)

Dimension: Inches / (XX) MM

SHEET 1 OF 2



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Drawing Notes:

- Right Angle Worm Gear Reducer: 120 PSI (8 Bar) Max, Refer To Pump Data Sheets For Gearbox & Motor Selection.
- Inverter Duty Motor Depicted.
- Inlet/Outlet Left Facing (position 2).
- Clear window removed to show full detail.

Model: M68-A2

Rotho
FUTURAL PUMP

www.kecopump.com
800-900-7867 (PUMP)

Dimension: Inches / (XX) MM

SHEET 2 OF 2



Call Toll Free **800.900.PUMP**
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Pump it, Don't Dump it!™

900-Series Peristaltic Pump / Model M68 (68MM) 3-10 HP Specifications

Maximum Performance:

Volume.....141 GPM / 536 LPM
Dry Suction Lift31 ft / 9.4 m
Vacuum Rating.....28 Hg / -.9.5 bar
Discharge Head276 ft / 84 m
Discharge Pressure.....120 Psi / 8 bar

Standard Features:

3 -10 HP Industrial Electric Motor
316 – Stainless Steel Pump Frame
Cast Iron Pump Housing (Epoxy Coated)
Acrylic Viewing Porthole
Oil Free Pump Housing
Leak Detection Switch
Textile Reinforced Internal Hose
Reverse Flow by Reversing Motor
Run Dry without Damage
Valve-less, Seal-less and Glandless
Single Wear Item

Optional Features:

UL Listed NEMA 4X Control Panel
Variable Speed Pump Controller
Explosion Proof Leak Detector
Explosion Proof Electric Motor
Main Power Disconnect Switch
MarineSync Remote Monitoring
Pulsation Dampener
Pressure/Vacuum Relief Valve
Cart, Skid, Wheel Kit
Extended Warranty

Available Hose Material:

Natural Isoprene
Buna N
EPDM
Hypalon

Base Pump W/ Motor Dimensions:

33" (838) x 36" (914) x 52" (1320)
Weight up to 1200 lbs

Applications:

- Marine Sewage & Bilge PumpOut
- Rail Transportation Sewage
- Water and Waste Treatment
- Forward Lift Stations
- Sludge, Slurries, Abrasives
- Pulp, Mining, Bio Diesel
- Chemical Metering
- Food and Beverage
- Pharmaceutical

Design Consideration:

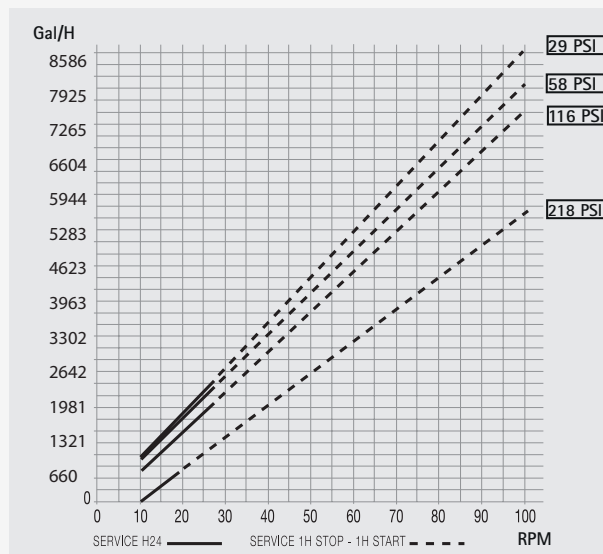
- Pump Body Is Not Filled With A Lubricant Bath.
- No Contact Between Fluid And Mechanical Parts
- Unobstructed Flow-Through Pumping
- Capable Of Pulling 98% Of Full Vacuum
- Run Dry Capable Without Damage
- Leak Detector Provide Early Indication Of Hose Failure.
- High Efficiency And Smooth, Roller Technology.
- Pump Rollers Shall Feature Permanently Sealed Stainless Steel Bearings With Double Lipped Oil Seals.
- Pump Rotor Shall Be Supported By Double-Shaft Bearings Protected By Double Lipped Oil Seals.
- Pump Rollers Shall Provide Simple Capability For Roller Removal For Long-Term Storage And/Or Winterization.
- Peristaltic Hose And Rollers Are Visible Through A Removable Polystyrene Side Cover And Portholes.
- Standard ANSI 150-Lb Inlet And Outlet Connection Flanges Available In 316l Stainless Steel Or Titanium

Low Pressure						
RPM	Gal/H	Lt/H	Pressure		HP	Kw
			PSI	BAR		
14	1419	5372	58	4	3	2.2
16	1631	6174	58	4	3	2.2
18	1843	6977	58	4	3	2.2
20	2055	7779	58	4	3	2.2
22	2267	8582	58	4	5	3
25	2585	9785	58	4	5	3
27	2797	10588	58	4	5	3
31	3221	12192	58	4	5	4
34	3539	13396	58	4	5	4
40	4175	15803	58	4	7.5	5.5
44	4599	17408	58	4	7.5	5.5
53	5553	21019	58	4	10	7.5
59	6188	23426	58	4	10	7.5
65	6824	25833	44	3	10	7.5
74	7778	29444	44	3	10	7.5
82	8626	32654	29	2	10	7.5

Medium Pressure						
RPM	Gal/H	Lt/H	Pressure		HP	Kw
			PSI	BAR		
14	1389	5258	116	8	5	3
16	1597	6044	116	8	5	3
18	1804	6830	116	8	5	4
20	2012	7616	116	8	5	4
22	2220	8402	116	8	5	4
25	2531	9581	116	8	7.5	5.5
27	2739	10367	116	8	7.5	5.5
31	3154	11939	116	8	10	7.5
34	3466	13119	116	8	10	7.5
40	4089	15477	87	6	10	7.5
44	4504	17049	87	6	10	7.5
53	5438	20586	73	5	10	7.5
59	6061	22945	58	4	10	7.5
65	6684	25303	44	3	10	7.5
74	7619	28840	44	3	10	7.5
82	8449	31984	29	2	10	7.5

High Pressure						
RPM	Gal/H	Lt/H	Pressure		HP	Kw
			PSI	BAR		
14	1074	4066	145	10	5	4
17	1360	5148	145	10	5	4
18	1455	5508	145	10	7	5.5
20	1645	6229	145	10	7.5	5.5
22	1836	6950	145	10	7.5	5.5
26	2217	8391	145	10	10	7.5
28	2407	9112	145	10	10	7.5
33	2883	10914	145	10	15	11
35	3074	11635	145	10	15	11

Max Pressure						
RPM	Gal/H	Lt/H	Pressure		HP	Kw
			PSI	BAR		
14	277	1047	218	15	10	7.5
16	429	1625	218	15	10	7.5
19	658	2492	218	15	10	7.5
20	735	2781	218	15	10	7.5
23	964	3648	218	15	15	11
27	1269	4804	218	15	15	11
33	1727	6538	174	12	15	11



Variable Speed Low Pressure										
RPM		Gal/H		Lt/H		Pressure		HP	Kw	
Min	Max	Min	Max	Min	Max	PSI	BAR			
1.8	10	126	995	477	3767	58	4	3	2.2	
2.1	11	158	1101	598	4168	58	4	3	2.2	
2.3	12	179	1207	678	4570	58	4	3	2.2	
2.6	13	211	1313	798	4971	58	4	3	2.2	
2.8	15	232	1525	879	5773	58	4	3	2.2	
3.2	17	274	1737	1039	6576	58	4	5	4	
3.6	19	317	1949	1200	7378	58	4	5	4	
4.0	21	359	2161	1360	8180	58	4	5	4	
4.4	23	402	2373	1520	8983	58	4	5	4	
5.3	28	497	2903	1882	10989	58	4	5	4	
5.8	30	550	3115	2082	11791	58	4	10	7.5	
6.9	36	667	3751	2523	14198	58	4	10	7.5	
7.7	40	751	4175	2844	15803	58	4	10	7.5	
8.5	45	836	4705	3165	17809	58	4	10	7.5	
9.7	51	963	5341	3647	20216	58	4	10	7.5	
10.7	56	1069	5871	4048	22222	58	4	10	7.5	
11.9	63	1197	6612	4529	25031	44	3	10	7.5	

Variable Speed Medium Pressure										
RPM		Gal/H		Lt/H		Pressure		HP	Kw	
Min	Max	Min	Max	Min	Max	PSI	BAR			
1.8	10	187	1038	707	3930	116	8	5	4	
2.2	11	228	1142	865	4323	116	8	5	4	
2.3	12	239	1246	904	4716	116	8	5	4	
2.7	14	280	1454	1061	5503	116	8	5	4	
2.9	15	301	1557	1140	5896	116	8	5	4	
3.4	18	353	1869	1336	7075	116	8	10	7.5	
3.6	19	374	1973	1415	7468	116	8	10	7.5	
4.3	22	446	2284	1690	8647	116	8	10	7.5	
4.6	24	478	2492	1808	9433	116	8	10	7.5	
5.5	29	571	3011	2162	11398	116	8	15	9.2	
6.9	36	716	3738	2712	14149	87	6	15	9.2	
8.3	44	862	4569	3262	17294	87	6	15	9.2	

Variable Speed High Pressure										
RPM		Gal/H		Lt/H		Pressure		HP	Kw	
Min	Max	Min	Max	Min	Max	PSI	BAR			
1.8	10	116	938	438	3550	145	10	5	4	
2.2	11	156	1038	590	3929	145	10	5	4	
2.3	12	166	1138	628	4308	145	10	5	4	
2.7	14	206	1339	780	5067	145	10	7.5	5.5	
2.9	15	226	1439	856	5447	145	10	7.5	5.5	
3.4	18	276	1740	1045	6585	145	10	10	7.5	
3.6	19	296	1840	1121	6965	145	10	10	7.5	
4.3	22	366	2141	1387	8103	145	10	10	7.5	
4.6	24	396	2341	1501	8862	145	10	10	7.5	
5.5	29	487	2842	1842	10759	116	8	15	9.2	
6.9	36	627	3544	2373	13415	116	8	15	9.2	
8.3	44	767	4346	2905	16451	87	6	15	9.2	