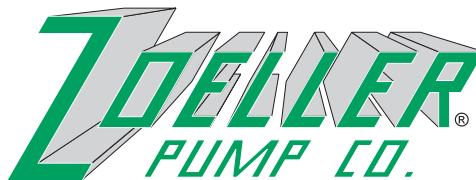


"QUALITY PUMPS SINCE 1939"

Product information presented here reflects conditions at time of publication. Consult factory regarding discrepancies or inconsistencies.

Patent No. 6,364,620 applies to 600 series.



SECTION: 2.30.070

FM1591

0810

Supersedes

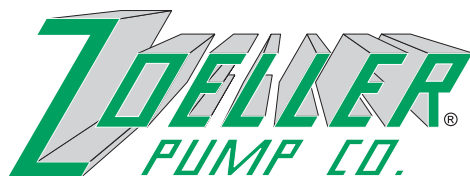
0207

MAIL TO: P.O. BOX 16347 • Louisville, KY 40256-0347
SHIP TO: 3649 Cane Run Road • Louisville, KY 40211-1961
(502) 778-2731 • 1 (800) 928-PUMP • FAX (502) 774-3624

visit our web site:
www.zoeller.com

COMPARE THESE FEATURES

- Non-Clogging semi-open ductile iron impeller
- Class 30 cast iron construction
- Ductile iron semi-open impeller
- All units are double seal for extra motor protection
- Corrosion resistant powder coated epoxy finish
- Stainless steel screws, washers, tag and seal assembly
- 25 foot UL Listed power cord. Extra cord lengths available in 35 and 50 feet
- Single phase - 230V capacitor start, capacitor run
- Three Phase - 200-230-460-575 Volt
- Motor - 60 Hz, 1750 RPM, oil-filled, hermetically sealed with heavy duty finned motor housing for added heat dissipation
- Continuous duty operation in submerged conditions
- Maximum temperature for sewage or dewatering 104°F (40°C) with 1.2 service factor (1.0 service factor on Model 661)
- 416 stainless steel motor shaft
- Tandem shaft seals - stainless steel fitted, carbon/ceramic seal faces
- Oversized upper & lower ball bearings running in an oil bath
- Buna-N square rings and seals used throughout
- All models pass 2½" spherical solids
- Specify 3" NPT vertical, 3" horizontal flanged or 4" horizontal flanged discharge
- 100% computerized tested
- Major width 17 9/16". Height 29 1/4"
- Rail systems available for all models
- Control panels with overload protection available



Manufacturers of . . .

"QUALITY PUMPS SINCE 1939"

600 SERIES

611	621	631	641	651	661
1.0 HP	1.5 HP	2.0 HP	3.0 HP	5.0 HP	7.5 HP

(For Pump Prefix Identification see News & Views 0052)

"SEWAGE-WASTE"

SUBMERSIBLE

SEWAGE OR DEWATERING NON-CLOG PUMP

Submersible Wastewater
Pump Association



3" & 4" Horizontal Discharge

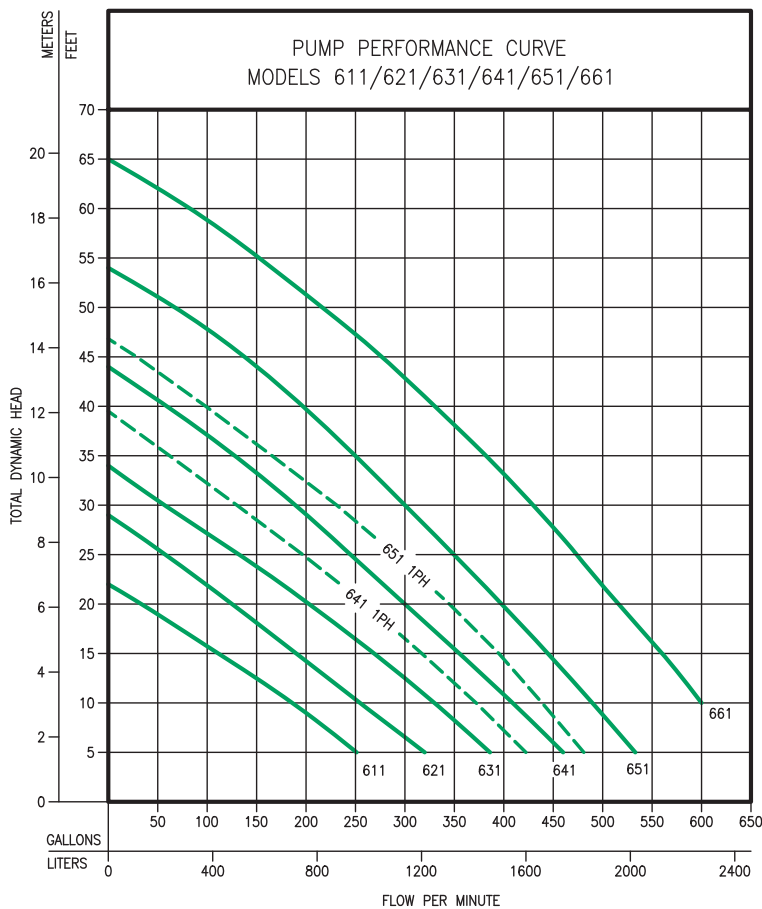


3" Vertical Discharge



MODELS AVAILABLE

- Nonautomatic (For variable level control systems).
- Double seal only.
- 3" Vertical, 3" Horizontal or 4" Horizontal flanged discharge.
- 230V/1 Phase or 200/230/460/575V/3 Phase.



TOTAL DYNAMIC HEAD/FLOW PER MINUTE SEWAGE AND WASTEWATER

MODEL		611		621		631		641 (1PH)	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	250	946	320	1211	390	1476	420	1590
10	3.0	185	700	255	965	335	1268	370	1401
15	4.6	110	416	190	719	272	1030	319	1208
20	6.1	35	132	125	473	200	757	260	984
25	7.6	---	---	60	227	130	492	198	750
30	9.1	---	---	---	---	55	208	130	492
35	10.7	---	---	---	---	---	---	62	235
40	12.2	---	---	---	---	---	---	---	---
45	13.7	---	---	---	---	---	---	---	---
50	15.2	---	---	---	---	---	---	---	---
55	16.7	---	---	---	---	---	---	---	---
60	18.2	---	---	---	---	---	---	---	---
Shut-off Head:		22 ft.(6.7m)		29 ft.(8.8m)		34 ft.(10.4m)		39.5 ft.(12.0m)	

MODEL		641		651 (1PH)		651		661	
Feet	Meters	Gal.	Liters	Gal.	Liters	Gal.	Liters	Gal.	Liters
5	1.5	460	1741	475	1798	533	2018	---	---
10	3.0	410	1552	440	1666	490	1855	600	2271
15	4.6	355	1344	395	1495	445	1685	560	2119
20	6.1	300	1136	345	1306	398	1507	515	1949
25	7.6	245	927	290	1098	350	1325	475	1798
30	9.1	190	719	232	878	300	1136	430	1627
35	10.7	130	492	165	625	250	946	380	1438
40	12.2	60	227	95	360	198	738	330	1249
45	13.7	---	---	25	95	140	530	275	1041
50	15.2	---	---	---	---	70	265	215	814
55	16.7	---	---	---	---	---	---	150	568
60	18.2	---	---	---	---	---	---	85	303
Shut-off Head:		44 ft.(13.4m)		46.5 ft.(14.2m)		54 ft.(16.5m)		65 ft.(19.8m)	

013859

Standard all models - 25 ft. cord - 1.0 HP

611 Models	Volts	Phase	Mode	Amps
*E611	230	1	Nonauto	6.9
J611	200	3	Nonauto	4.3
F611	230	3	Nonauto	3.7
G611	460	3	Nonauto	1.9
BA611	575	3	Nonauto	1.6

Standard all models - 25 ft. cord - 3.0 HP

641 Models	Volts	Phase	Mode	Amps
*E641	230	1	Nonauto	17.0
J641	200	3	Nonauto	11.0
F641	230	3	Nonauto	9.6
G641	460	3	Nonauto	4.8
BA641	575	3	Nonauto	3.9

Standard all models - 25 ft. cord - 1.5 HP

621 Models	Volts	Phase	Mode	Amps
*E621	230	1	Nonauto	8.9
J621	200	3	Nonauto	5.9
F621	230	3	Nonauto	5.1
G621	460	3	Nonauto	2.6
BA621	575	3	Nonauto	2.0

Standard all models - 25 ft. cord - 5.0 HP

651 Models	Volts	Phase	Mode	Amps
*E651	230	1	Nonauto	28.0
J651	200	3	Nonauto	17.5
F651	230	3	Nonauto	15.2
G651	460	3	Nonauto	7.6
BA651	575	3	Nonauto	6.1

Standard all models - 25 ft. cord - 2.0 HP

631 Models	Volts	Phase	Mode	Amps
*E631	230	1	Nonauto	14.5
J631	200	3	Nonauto	7.8
F631	230	3	Nonauto	6.8
G631	460	3	Nonauto	3.4
BA631	575	3	Nonauto	2.7

Standard all models - 25 ft. cord - 7.5 HP

661 Models	Volts	Phase	Mode	Amps
J661	200	3	Nonauto	25.3
F661	230	3	Nonauto	22.0
G661	460	3	Nonauto	11.0
BA661	575	3	Nonauto	9.0

*All single phase units require external starting capacity and relay circuits.

⚠ CAUTION

All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).

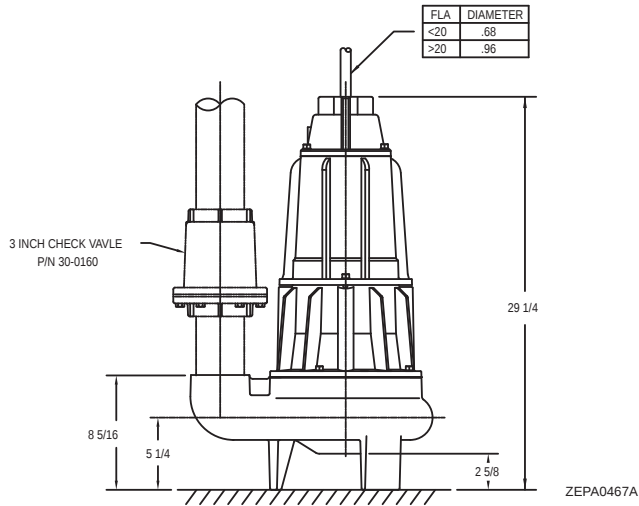
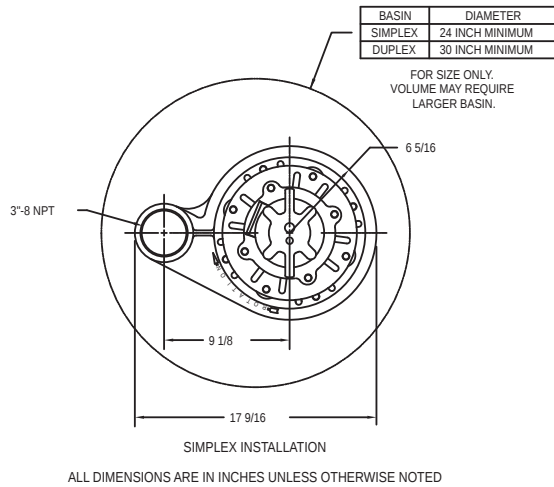
For information on additional Zoeller products refer to catalog on Variable Control Switches, FM0526; Piggyback Variable Level Float Switches, FM0477; Electrical Alternator, FM0486; Mechanical Alternator, FM0495; Sump/Sewage Basins, FM0487; Alarm System, FM0732; Simplex Controls, FM1596; Rail Systems, FM0787; and Junction Boxes FM1597.

RESERVE POWERED DESIGN

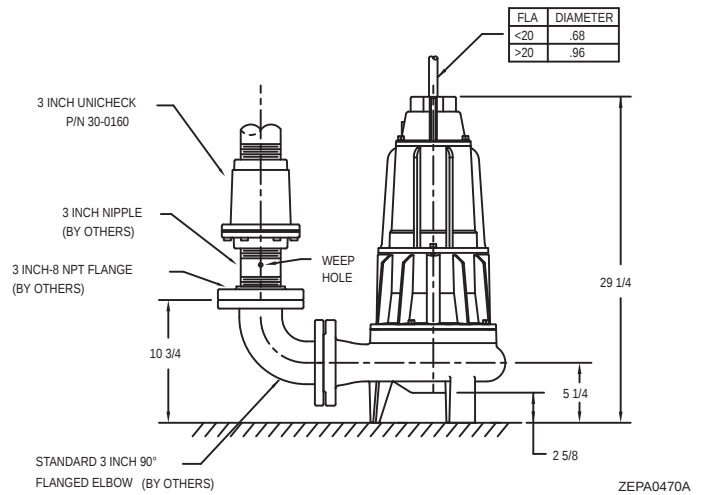
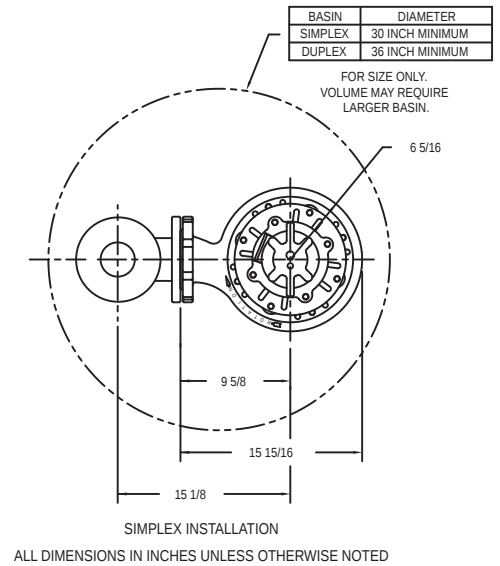
For unusual conditions a reserve safety factor is engineered into the design of every Zoeller pump.

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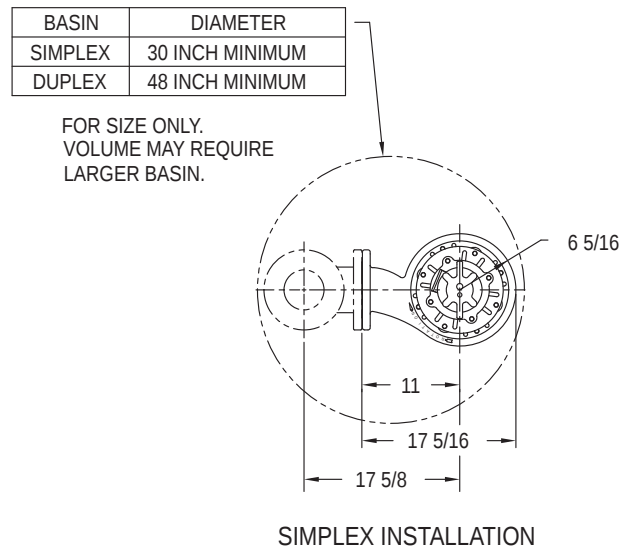
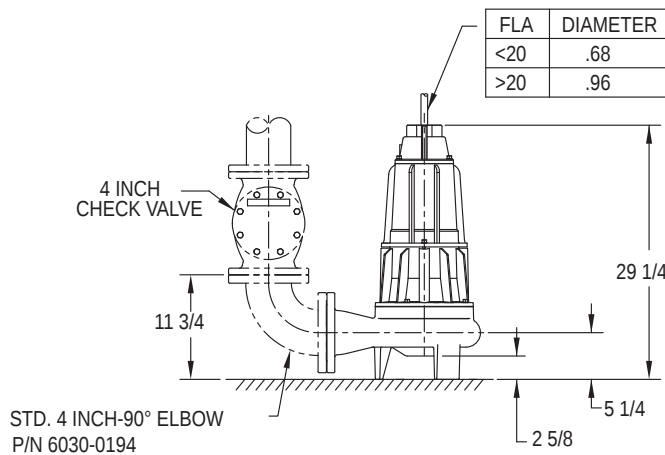
3" Vertical Discharge
Weight 245 lbs.



3" Flanged Discharge
Weight 245 lbs.



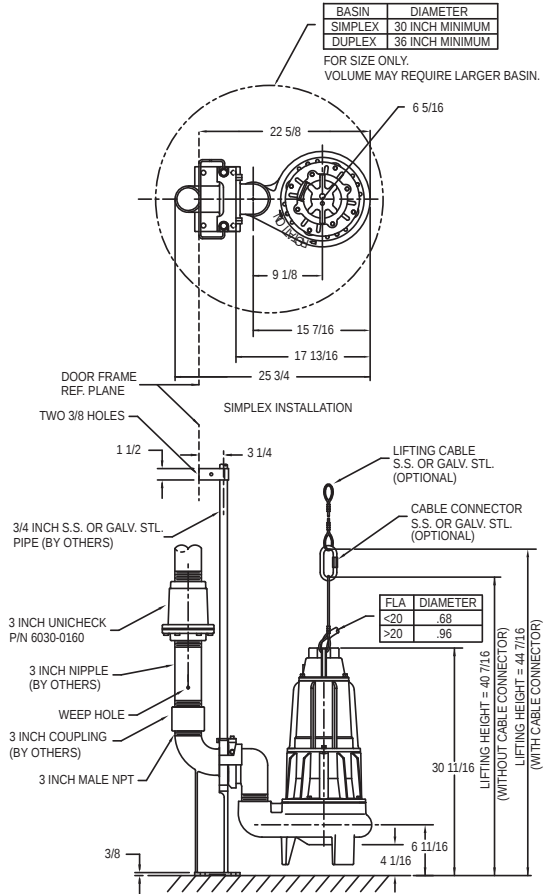
4" Horizontal Discharge
Weight 245 lbs.



ZEPA0468A

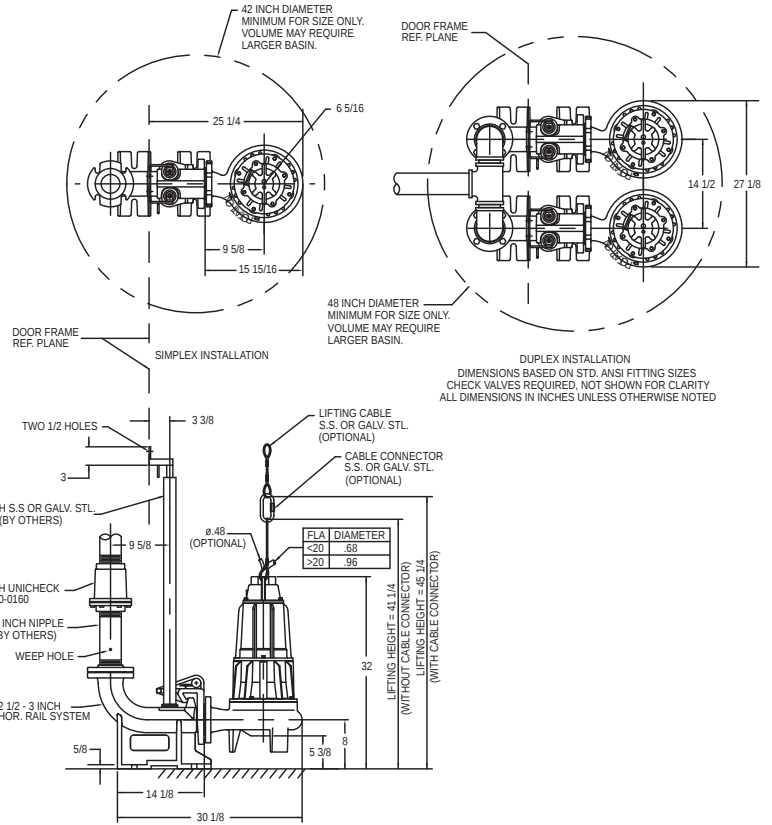
RAIL SYSTEM DIMENSIONAL DATA

3" Vertical 39-0074 & 39-0075



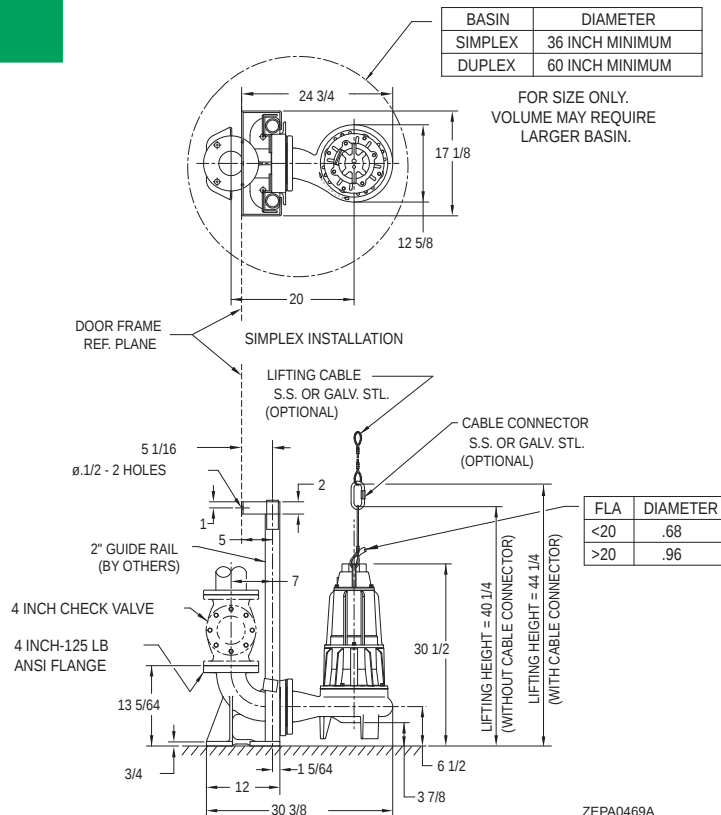
ZEPA0472A

3" Horizontal 39-0094



ZEPA0533A

4" Horizontal 39-0016



ZEPA0469A