

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

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

- FM listed motor for Class 1, Division 1, Group C & D environments.



WARNING Not for use in acidic, methanol, or ethyl acetate atmospheres.

- Non-clogging vortex impeller design bronze class 88-8-0-4.
- Stainless steel rotor shaft.
- Durable cast construction. Cast iron cover, motor adapter and pump housing. No sheet metal parts to rust or corrode. All cast iron class 30, 30000# tensile strength.
- Stainless steel screws and handle.
- 20 foot UL Listed 5-wire (1 PH) or 8-wire (3 PH) neoprene cord. Extra cords lengths available in 25'-35'-50' length only. Sensor leads & power leads in one cord for easy installation.
- Threaded conduit connection for protecting cords in those extra heavy duty applications.
- Moisture sensors prewired in motor housing (requires indicator in panel).
- Zoeller custom designed panels with intrinsically safe relays and moisture indicator are required.
- 3 phase models available.
- Motor - 60 Hz, 1750 RPM, oil-filled, hermetically sealed, automatic reset thermal overload protected (3 phase requires circuit in control panel).
- Maximum temperature for sewage or dewatering 104°F (40°C).
- Shaft Seal - Stainless steel wetted parts, carbon & ceramic rotary face seal.
- Upper ball bearing and lower ball bearing running in bath of oil.
- Buna-n square ring seals.
- Both models pass 3" solids (sphere).
- Major width 16 1/8". Height 25 15/16".
- Available in nonautomatic units only.
- 4" horizontal flanged discharge - standard ANSI flanged.
- 100% computerized testing and 100% tested submerged in water.
- Corrosion resistant powder coated epoxy finish.

Note: The sizing of sewage systems normally requires variable level float(s) controls and properly sized basins to achieve required pumping cycles.

X404 - X405

(For Pump Prefix Identification see News & Views 0052)

EXPLOSION PROOF

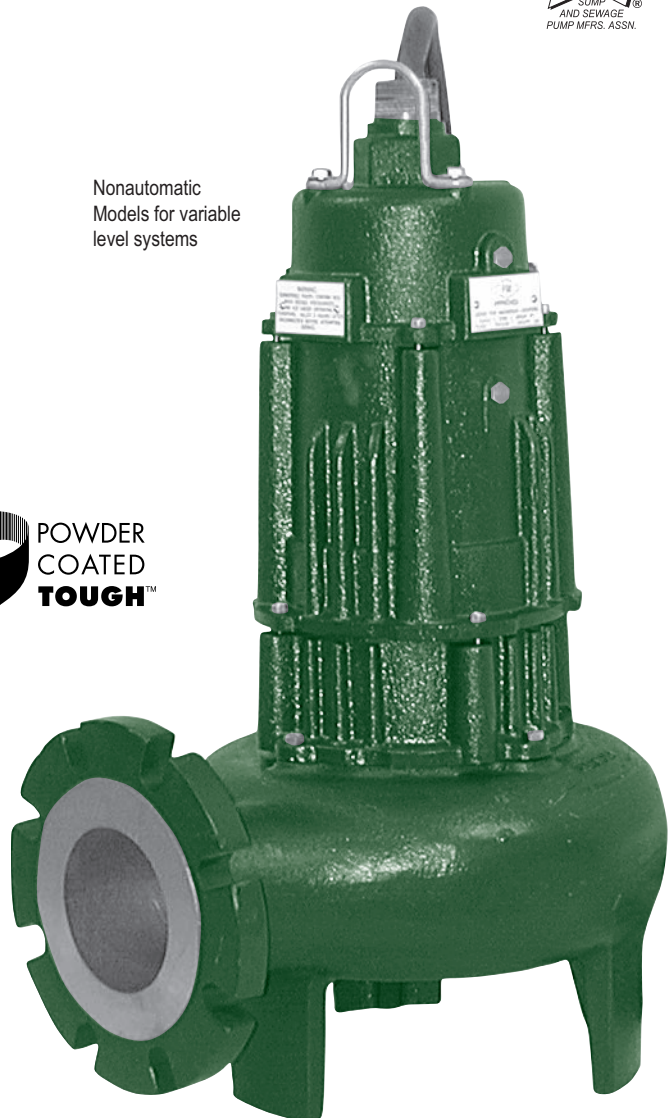
SUBMERSIBLE

SEWAGE

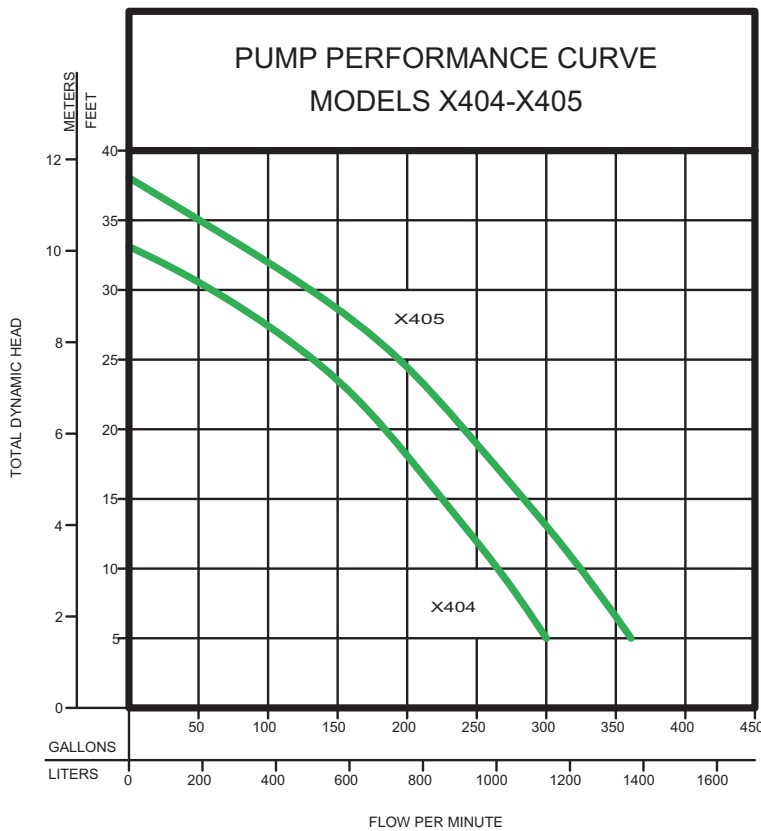
OR DEWATERING PUMP



Nonautomatic
Models for variable
level systems



*See back page For FM Listing.



TOTAL DYNAMIC HEAD/CAPACITY PER MINUTE SEWAGE AND DEWATERING

| MODELS | | X404 | | X405 | |
|----------------|--------|--------------|--------|----------------|--------|
| Feet | Meters | Gal. | Liters | Gal. | Liters |
| 5 | 1.5 | 300 | 1136 | 361 | 1367 |
| 10 | 3.0 | 265 | 1003 | 326 | 1234 |
| 15 | 4.6 | 224 | 848 | 284 | 1075 |
| 20 | 6.1 | 184 | 698 | 241 | 912 |
| 25 | 7.6 | 134 | 503 | 197 | 746 |
| 30 | 9.1 | 60 | 227 | 134 | 507 |
| 35 | 10.7 | Gal. | Liters | 50 | 189 |
| Shut-off Head: | | 33 ft. (10m) | | 38 ft. (11.6m) | |

012116X

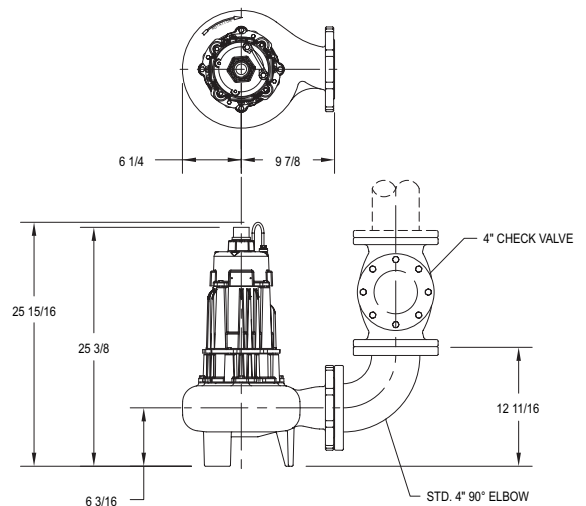
**Single Seal
Weight - 172 lbs.**

Standard all models - 20 ft. cord - 2 H.P.

| 404 MODELS | Control Selection | | | | | | Listing |
|-------------|-------------------|------|------|---------|--------|------------|---------|
| Single Seal | Volts - Ph | Mode | Amps | Simplex | Duplex | FM | |
| EX404 | 230 | 1 | Non | 12.9 | 1 & 3 | 1 & 3 or 2 | Y |
| IX404 | 200/208 | 1 | Non | 14.4 | 1 & 3 | 1 & 3 or 2 | Y |
| JX404 | 200/208 | 3 | Non | 13.8 | 1 & 3 | 1 & 3 or 2 | Y |
| FX404 | 230 | 3 | Non | 13.1 | 1 & 3 | 1 & 3 or 2 | Y |
| GX404 | 460 | 3 | Non | 5.2 | 1 & 3 | 1 & 3 or 2 | Y |
| BAX404 | 575 | 3 | Non | 4.1 | 1 & 3 | 1 & 3 or 2 | Y |

Standard all models - 20 ft. cord - 3 H.P.

| 405 MODELS | Control Selection | | | | | | Listing |
|-------------|-------------------|------|------|---------|--------|------------|---------|
| Single Seal | Volts - Ph | Mode | Amps | Simplex | Duplex | FM | |
| EX405 | 230 | 1 | Non | 19.0 | 1 & 3 | 1 & 3 or 2 | Y |
| IX405 | 200/208 | 1 | Non | 20.2 | 1 & 3 | 1 & 3 or 2 | Y |
| JX405 | 200/208 | 3 | Non | 14.8 | 1 & 3 | 1 & 3 or 2 | Y |
| FX405 | 230 | 3 | Non | 12.2 | 1 & 3 | 1 & 3 or 2 | Y |
| GX405 | 460 | 3 | Non | 6.1 | 1 & 3 | 1 & 3 or 2 | Y |
| BAX405 | 575 | 3 | Non | 4.8 | 1 & 3 | 1 & 3 or 2 | Y |



SK1915

SELECTION GUIDE

1. See FM1705 for correct intrinsically safe simplex or duplex panel.
2. Mechanical alternator "M-Pak" 10-0076 or 10-0077 (See FM1783).
3. Variable level control switch used as a control activator. Quantity required dependent upon panel selection.

For information on additional Zoeller products refer to catalog on Variable level control switch, FM0526; Duplex and Simplex controls, FM1705; Mechanical Alternator, FM0495; Sump/Sewage Basins, FM0487; and Rail Systems, FM0787.

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 Electric Code (NEC) and the Occupational Safety and Health Act (OSHA).

RESERVE POWERED DESIGN

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

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