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



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SECTION: 4.10.030

FM0495

Supersedes

0300

MECHANICAL ALTERNATOR M-PAK

10-0072 — Mechanical Alternator is designed to provide positive mechanical alternation of a duplex (2-pump) system in residential or commercial applications. A float and rod attached to the alternator will operate one pump when a specified water level is reached. As an added feature for peak conditions, both pumping units are automatically placed in operation. Zoeller 10-0075 — Mechanical Alternator is the same as Zoeller

10-0072, with the addition of a high water alarm switch to activate Zoeller 10-0015, Zoeller 10-0016, or Zoeller 10-0126 alarm. The M-Pak is designed for use in a 30" to 36" deep basin. Consult factory for basin depths exceeding 36 inches.

Mechanical Alternator Features:

- Heavy Metal enclosure
- Stainless steel float
- 5 ft. brass rod with adjustable stops
- Gas tight rod seal
- · Cover mount stand

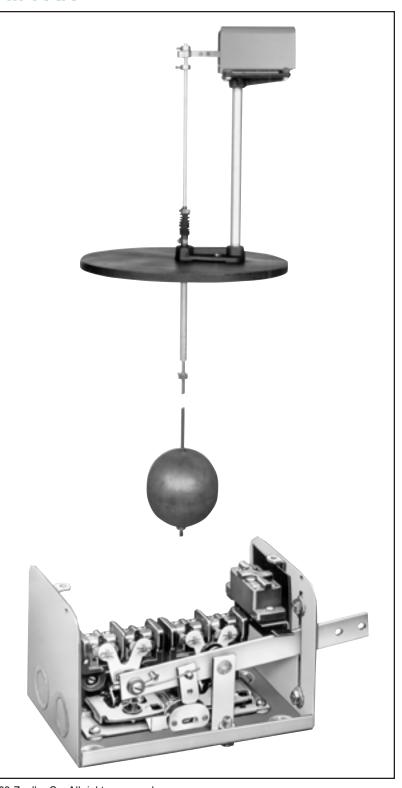
ORDER NUMBER	NEMA RATING	VOLTAGE	PHASE
40.0070.40.0075*	NIENAA 4	4457//200 2027//2207/	4
10-0072, 10-0075*	NEIVIA	115V/200-203V/230V	'
10-0076, 10-0077*	NEMA7&9	115V/200-203V/230V	1
10-0078*	NEMA 4	115V/200-203V/230V	1

^{*} includes dry contact for auxiliary alarm

NEMA 1- General Purpose Indoor Use NEMA 7&9-Explosion-Proof/ Hazardous Duty Applications

NEMA 4- Watertight/Dust tight for Indoor and Outdoor Use

Consult factory for three phase pump operation.



SINGLE PHASE THREE PHASE **DUPLEX SYSTEM DUPLEX SYSTEM** REQUIRED DISCONNECTS NOT SHOWN POWER SUPPLY POWER POWER SUPPLY GANG BOX SUPPLY -FUSED DISCONNECT (ALARM) (PUMPS) SWITCH CONTROL PANEL-TRANSFORMER CONTROL PANEL PUMP #2 PUMP #1 ALARM BELL ALARM TRANSFORMER TRANSFORMER BELL MECHANICAL ALTERNATOR MECHANICAL ALTERNATOR STAND-ASM COVER COVER -MIN. 14" MIN. 14" ALARM <u>ALARM</u> <u>OVERRIDE</u> 1/4" 1 1/8" <u>ON</u> <u>OVERRIDE</u> 1 1/8" PUMP #2 <u>0N</u> FLOAT PUMPING PUMP #1 RANGE PUMP #2 **PUMP #1** PUMPING FLOAT OFF **RANGE** MIN. OFF LEVEL 6" OFF BASIN MIN. OFF LEVEL 6" BASIN SKA366 SK1738

Note: All electrical systems must be installed by a qualified licensed electrician according to the National Electrical Code.

SYSTEM SELECTION GUIDE

	PUMPS	"М-F	AK"		CONTROL PANEL	H.P. RATING FOR SWITCH MECHANISM
No. Req.	Voltage & Phase	Without Alarm Switch	With Alarm Switch	No. Req.	Product No.	IN "M-PAK"
(2)	115V 1Ph Nonautomatic	10-0072 10-0076 *	10-0075 10-0077 * 10-0078	-		1 1/2 HP or less
(2)	200-208/230V 1Ph Nonautomatic	10-0072 10-0076 *	10-0075 10-0077 * 10-0078	_		2 HP or less
	200-208/230V	10-0072	10-0075 10-0078	(2)	(Consult Factory)	
(2)	460/575V 3Ph Nonautomatic	10-0072 10-0076 *	10-0075 10-0077 * 10-0078	(2)	(Consult Factory)	

^{*}Explosion Proof

Additional options — Zoeller Unicheck, Alarm Package, Zoeller Fiberglass or Polyethylene Basin. Standard enclosure is Nema 1, general purpose control. Consult factory for: Weatherproof, raintight, dust-tight Nema ratings.





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Manufacturers of . .

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