

SINGLE PHASE DUPLEX MODEL 122

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DATE:	Feb. 15, 2001
SUPERSEDES:	NEW

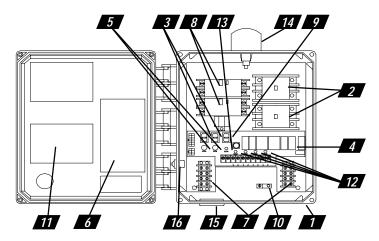
SUBMITTAL

Job:	Representative:	
	Order By:	Date:
Engineer:	_Submitted By:	- Date:
Contractor:	_Approved By:	Date:

Single phase, duplex alternating pump control with override.

The Model 122 control panel is designed to alternately control two 120, or 240 VAC single-phase pumps in water and sewage installations. The alternating action equalizes pump wear. In addition to the alternating pump control, this system provides override control should either pump fail. If an alarm condition occurs, an alarm switch activates the audio/visual alarm system. Common applications include pump chambers, sump pump basins, irrigation systems and lift stations.





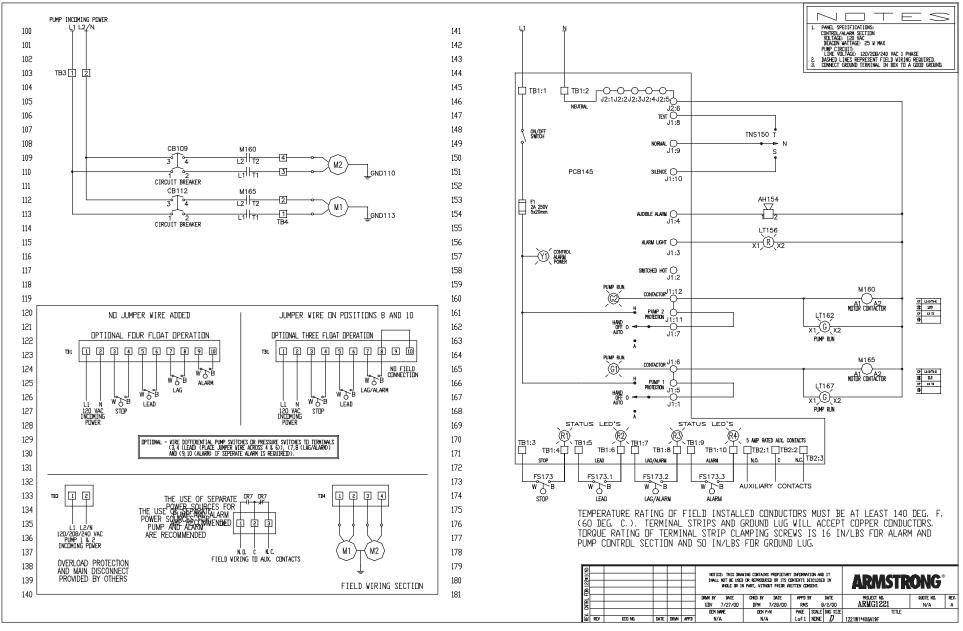
- Enclosure measures 12 X 10 X 6 inches (30.48 X 25.4 X 15.24 cm). NEMA 4X (ultraviolet stabilized thermoplastic with removable flanges for outdoor or indoor use).
 - ★Options selected may increase enclosure size and change component lavour
- 2. Magnetic Motor Contactor controls pump by switching hot electrical lines.
- 3. HOA Switches for manual pump control (mounted on circuit board).
- 4. Control Circuit Board provides pump control and alternation
- 5. Green pump Run Indicator Lights (mounted on circuit board).
- 6. Schematic / Wiring Diagram
- 7. Incoming Pump Power Terminal Block / Pump Terminal Block
- 8. Circuit Breakers provide pump disconnect and branch circuit protection.
- 9. Control ON/OFF Switch (mounted on circuit board).
- 10. Ground Lug
- 11. Terminal Block Installation Label
- 12. Float Status Indicator Lights (mounted on circuit board).
- 13. Control / Alarm Power Indicator Light (mounted on circuit board).

STANDARD ALARM PACKAGE

- **14.** Red Alarm Beacon provides 360° visual check of alarm condition.
- **15.** Alarm Horn provides audio warning of alarm condition (83 to 85 decibel rating).
- **16.** Exterior Horn Test/Normal/Silence Switch allows alarm horn to be silenced and testing of horn and light to ensure proper operation of alarm system.

	indoor/outdoor	
FE	EATURES	
	Entire control system (panel and switches) is UL Listed to meet and/or exceed industry safety standards	
	Dual safety certification for the United States and Canada	
Complete with step-by-step installation instructions		
	Three-year limited warranty	
	Auxiliary alarm contact, form C	
19X Door mounted pump run indicators		
OP	TIONS	
	3A Alarm flasher ★ 4A Low level cutout - requires float. ★ 4B Red low-level indicator & alarm must select option ★ 8A Elapsed time meter ★ 8C Event (cycle) counter 10E Lockable latch - NEMA 4X 10F Lightning arrestor ★ 10K Anti-condensation heater 19G Panel wired to accept fourth	

SINGLE PHASE - DUPLEX MODEL 122



S.A. Armstrong Limited

23 Bertrand Avenue Toronto, Ontario Canada, M1L 2P3 Tel: (416) 755-2291 Fax: (416) 759-9101 Visit us at www.armstrongpumps.com **Armstrong Pumps Limited**

Peartree Road, Stanway Colchester, Essex United Kingdom, C03 5JX Tel: 01206-579491 Fax: 01206-760532



Armstrong Pumps Inc. 93 East Avenue

> Buffalo, New York U.S.A. 14120-6594 Tel: (716) 693-8813 Fax: (716) 693-8970

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Armstrong Darling Inc.

2200 Place Transcanadienne Montreal, Quebec Canada, H9P 2X5 Tel: (514) 421-2424 Fax: (514) 421-2436

