

Wiring Sizing & Diagrams

Close-Coupled Regenerative Turbine Pumps—Coro-Flo®

Model	Switch Types	Motor Part No.	Hp	Phase	Voltage	Approximate Full Load Amperage	Minimum Wire Size, AWG Length of Run in Feet			Heater Element Part No.	Wiring Connections	
							0-100	to 200	to 300		115V	208-230V
C9 C10	S-10 SM-10	2555 (Obs.)	3/4	1	115 230	10 5	12 12	8 12	6 12	2574 (P28)	115V 2277-X1 or 2277-X2 Switch Assy 	208-230V 2277-X1 or 2277-X2 Switch Assy
C10 C12	S-20 SM-20	2556 (Obs.)	1	1	115 230	18 9	8 12	6 12	4 10	2610 (P32)	115V (uses switch 2275)	208-230V (uses switch 2275)
C10 C12 C13	—	3760 (Rep. by 4261)	2	1	115 230	24 12	8 12	4 10	2 8	4250 (P36)	115V (uses switch 2275)	208-230V (uses switch 2275)
C10 C12 C13	S-30 SM-30	4261	2	1	115 230	20 10	8 12	4 10	2 8	No overload	115V 2277-X3 or 2277-X4 Switch Assy (uses switch 3784)	230V 2277-X3 or 2277-X4 Switch Assy (uses switch 3784)
C14	—	2557 ^a	3	3	230 460	10 5	12 12	12 12	12 12	—	208-230V 	460V

^a Pump must rotate in the direction shown on pump case. If not, switch any two of the three incoming 3 phase lines.

Notes:

1. Green wire, if present, should be grounded.
2. For Coro-Flo units with oversized motors, follow the wiring information for the appropriate motor and operating voltage.
3. Any differences on the motor nameplate should take precedence over the data presented on this sheet.
4. All electrical work should be done by a qualified electrician familiar with local codes.

