

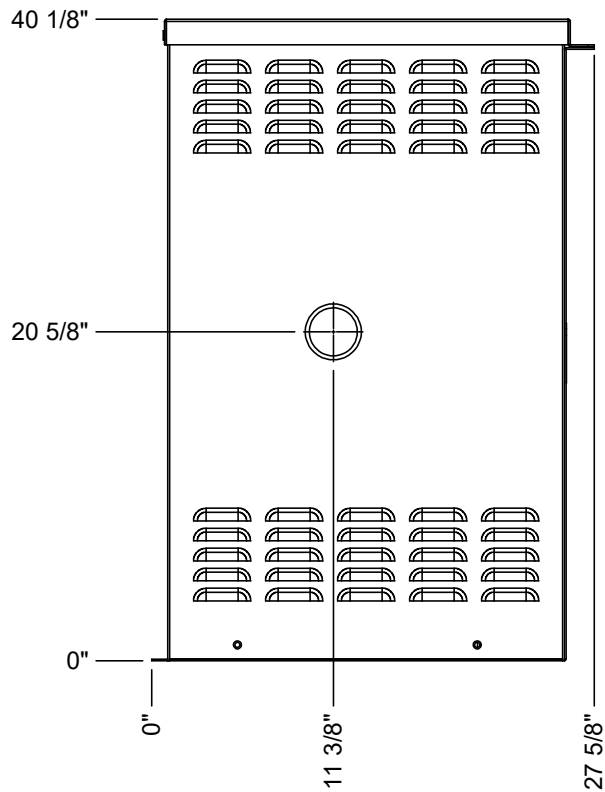
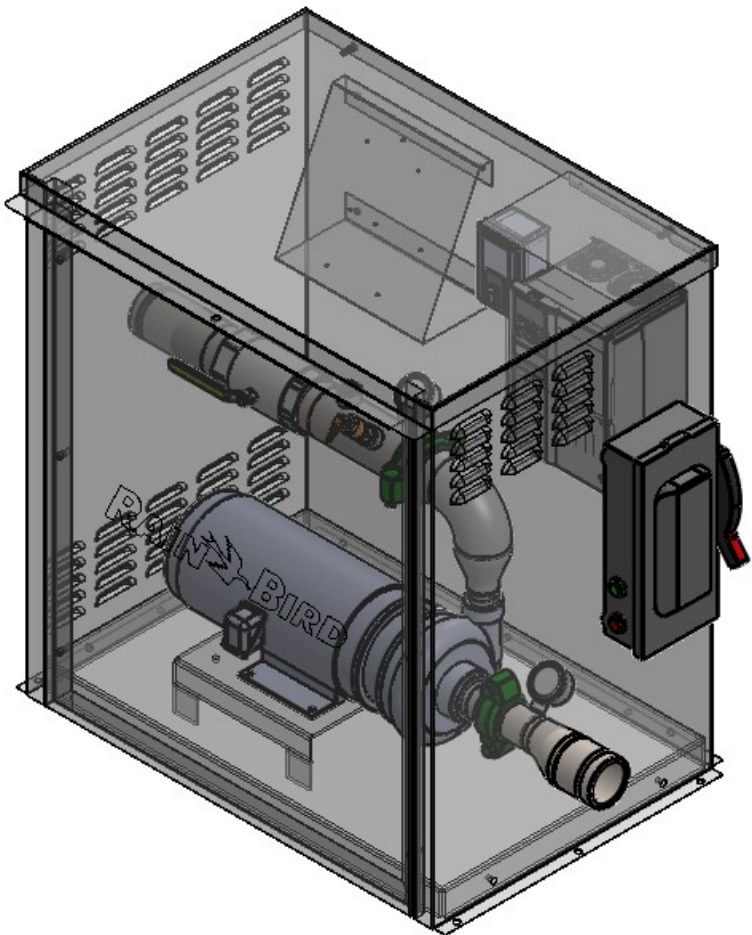
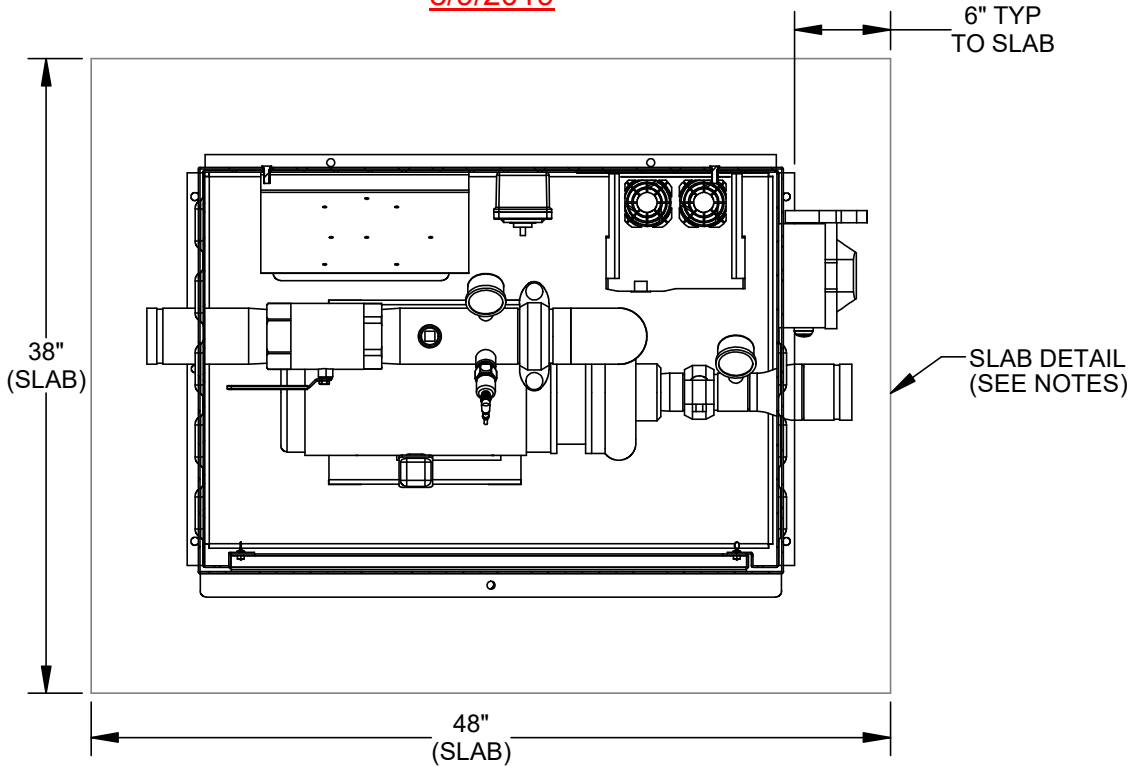
POWER REQUIREMENTS MUST BE SPECIFIED:

AVAILABLE STANDARD	
208	SINGLE PHASE
208	THREE PHASE
230	SINGLE PHASE
230	THREE PHASE
480	THREE PHASE

REFER TO PERFORMANCE FLOW CHART OR PUMP CURVE TO DETERMINE YOUR OPERATING FLOW AND PRESSURE COMBINATION

OPTIONS PURCHASED SEPARATELY	
6V DC (CLPPSR06DC)	PUMP START RELAY
12V DC (CLPPSR12DC)	
1Ø (CLPSES1P)	SURGE SUPPRESSION KIT
3Ø (CLPSES3P)	
CLPBSTSW	FLOW START KIT (BOOST PUMPS ONLY)
CLPFTVLV4VF	INTAKE SCREEN W/FOOT VALVE

STANDARD DRAWING  
8/9/2019



IRRIGATION CONTROLLER BRACKET (OPTIONAL)

DISCHARGE ISOLATION VALVE

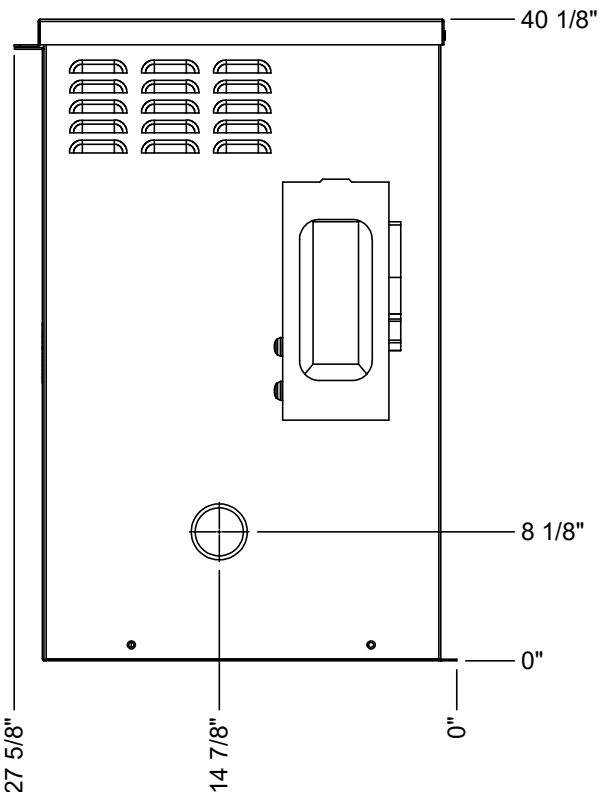
DISCHARGE (3" GROOVED)

5 HP HORIZONTAL END-SUCTION PUMP

DISCHARGE PRESSURE GAUGE


FUSED DISCONNECT WITH RUN AND FAULT LIGHTS

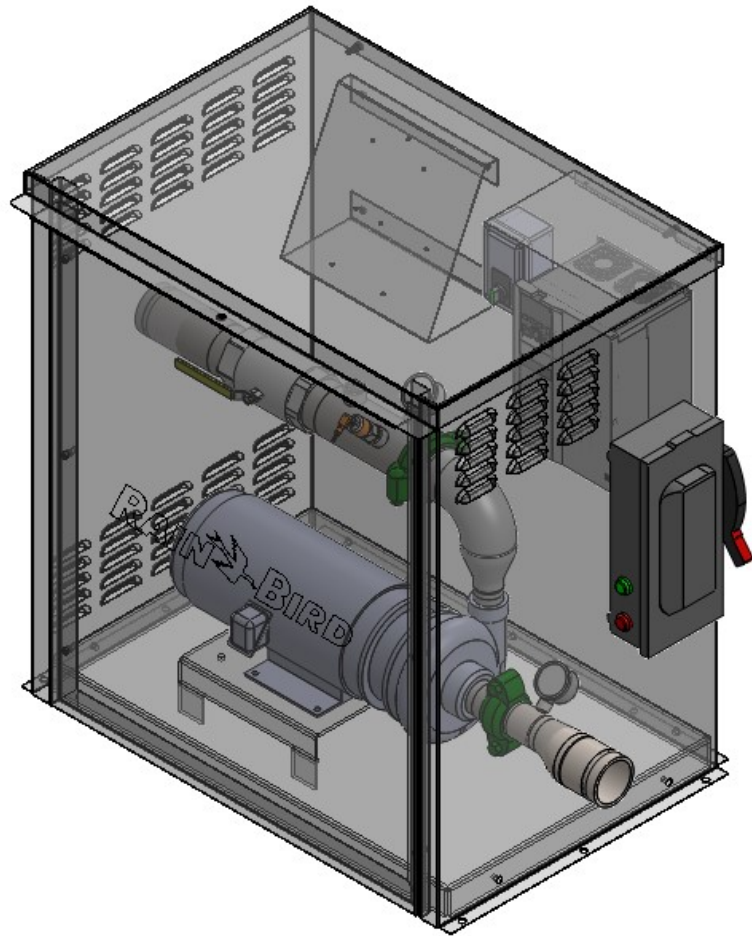
INTAKE (3" GROOVED)




- NOTES:
1. SLAB DETAIL IS PROVIDED FOR ILLUSTRATION ONLY. THE ARCHITECT OR PROJECT ENGINEER SHOULD BE CONSULTED FOR CONSTRUCTION DETAIL.
  2. DIMENSIONS ARE FOR REFERENCE ONLY. EXTERNAL PLUMBING TO BE FIELD FIT.
  3. STATION WEIGHS ~ 250 LBS.

STANDARD DRAWING

NOTICE:  THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY RAIN BIRD CORPORATION. ALL DESIGN, MANUFACTURING, USE AND SALE RIGHTS REGARDING THE SAME ARE EXPRESSLY RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIAL RELATIONSHIP FOR A SPECIFIC PURPOSE AND THE RECIPIENT AGREES BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING IT TO ANY UNAUTHORIZED PERSON, OR TO INCORPORATE IN OTHER PROJECTS ANY SPECIAL FEATURE UNIQUE TO THIS DESIGN. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED.	UNLESS OTHERWISE SPECIFIED:	DRAWN IB	DATE 8/9/2019	 <b>RAIN BIRD</b> SYSTEMS MFG. DIV. TUCSON, ARIZONA	PROJ. NAME N/A	
	FRACTIONAL TOLERANCE = $\pm 1/8"$	DESIGNED IB	DATE 8/9/2019		PROJ. NO. N/A	
	DRILLED HOLE $\phi$ = $\pm 1/32"$	SCALE 1:12	DO NOT SCALE DRAWING		TITLE CLP, 5HP	DRAWING NUMBER STANDARD - A
	ANGULAR = $\pm 2^\circ$	LAST MODIFIED IN VERSION SolidWorks 2017	DWG SYMBOLS PER ANSI			
	DECIMAL TOLERANCE = $\pm .005"$ X = $\pm .007"$ XX = $\pm .007"$ XXX = $\pm .010"$	CLP05EAS		PART NO. REV.	SHEET 1 OF 3	



1. CLOSE-COUPLED, HORIZONTAL END-SUCTION PUMP WITH BRONZE IMPELLER AND TYPE 21 BUNA-N MECHANICAL SEAL FOR LONG PUMP LIFE.
2. NEMA-STANDARD FRAME, PREMIUM EFFICIENCY MOTOR WITH TOTALLY-ENCLOSED, FAN-COOLED CASE FOR SUPERIOR ENVIRONMENTAL PROTECTION.
3. ENERGY SAVING VARIABLE FREQUENCY DRIVE FEATURING INNOVATIVE RAIN BIRD PROGRAMMING; STATION WILL BE CONTROLLED VIA RELAY START INCLUDED STANDARD OR OPTIONAL FLOW START KIT.
4. 0-250 PSI STAINLESS STEEL PRESSURE TRANSDUCER REGULATES PRESSURE AT A USER-DEFINED SETPOINT WHILE IRRIGATING. 2 1/2" LIQUID GLYCERIN-FILLED SUCTION AND DISCHARGE PRESSURE GAUGES ARE STANDARD.
5. INCLUDES JUNCTION BOX WITH AUTO-OFF-MANUAL SWITCH AND 24 VAC PUMP START RELAY STANDARD; 12 OR 6 VDC PUMP START RELAY OPTIONS ARE AVAILABLE.
6. FUSED ELECTRICAL DISCONNECT INCLUDES EXTERNAL RUN AND FAULT INDICATOR LIGHTS AND DISCONNECT HANDLE FOR ISOLATING POWER TO THE STATION.
7. STATION IS BUILT USING ROBUST SCHEDULE 40 PIPING WITH HIGHLY DURABLE POLYESTER POWDER-COATING INSIDE AND OUT, AND GROOVED CONNECTIONS FOR EASY MAINTENANCE AND SERVICEABILITY.
8. FULL-PORT STAINLESS STEEL DISCHARGE ISOLATION VALVE STANDARD.
9. PUMP STATION IS CONTAINED IN A MARINE-GRADE ALUMINUM DECK AND ENCLOSURE WITH LOCKABLE HINGED LID, AND REMOVABLE FRONT PANEL FOR EASE OF MAINTENANCE.
10. EACH PUMP STATION IS FACTORY TESTED UNDER DYNAMIC CONDITIONS BEFORE SHIPPING.

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	FRACTIONAL TOLERANCE = ± 1/8"	DESIGNED IB	DATE 8/9/2019		PROJ. NO. N/A	
	DRILLED HOLE Ø = ± 1/32"	SCALE 1:12	DO NOT SCALE DRAWING	TITLE CLP, 5HP	DRAWING NUMBER STANDARD -	
	ANGULAR = ± 2°	LAST MODIFIED IN VERSION SolidWorks 2017				DWG SYMBOLS PER ANSI
	DECIMAL TOLERANCE X = ± .007 XX = ± .007 XXX = ± .010					
				CLP05EAS		