

PENTEK[®]

VIP Pro Series Controls

Capacitor start, capacitor run —
designed for the full range of single-phase
1/2, 3/4, 1, 1-1/2, 2, 3 and 5 HP, 3-wire submersible motors

Applications

Water systems...for residential, multiple housing,
farm and commercial installations, where a 4"
submersible 3-wire motor is used.

Design Features

Enclosure

- 1 Weather resistant construction — NEMA 3R/IP24 rated enclosure for indoor/outdoor use
- 2 Control box rated for 50°C (122°F) ambient temperature
- 3 One screw removal for easy panel access with motor running
- 4 Pentek[®] proprietary dielectric control panel board, UL and CSA Certified

Internals

- 5 Universal controls — designed to work on most manufacturers 3-wire submersible motors
- 6 Large wiring area offers generous space to make your wiring connections. Incorporates 1/2", 3/4" and 1" conduit knock-outs
- 7 Control box is functional with the cover removed, offering easier in-the-field troubleshooting
- 8 330 Volt Start Capacitor

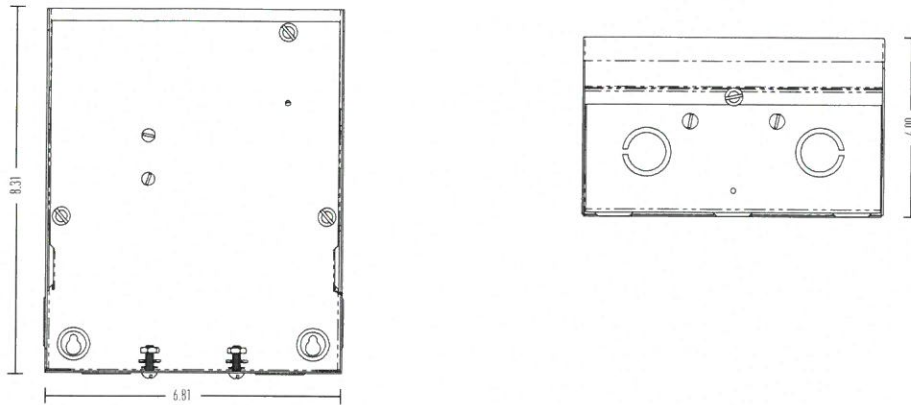
Agency Approvals

CSA CUS Certified

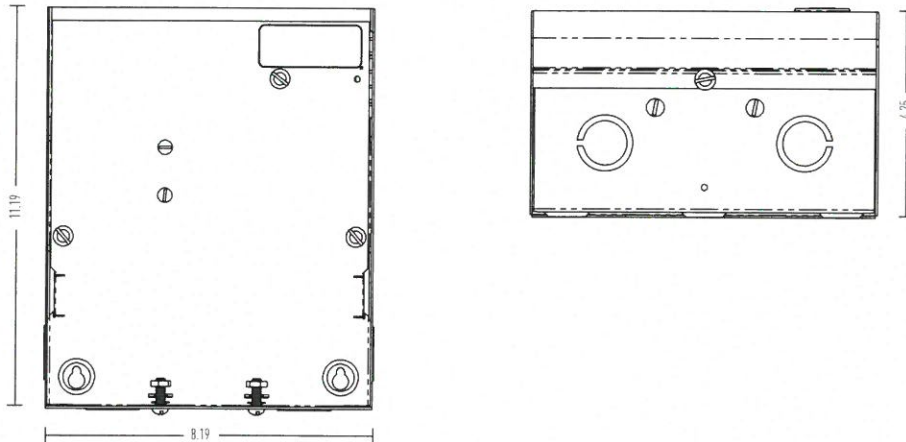


PENTEK[®] 4" Single-Phase Control Boxes

SIZE A



SIZE B



VIP Control Box Specification

CATALOG NUMBER	HP	KW	PHASE	VOLTS	HERTZ	TYPE	WEIGHT		ENCLOSURE SIZE	START CAPACITOR		RUN CAPACITOR		VOLTAGE RELAY	PROTECTOR
							LBS	KG		PN	RATING	PN	RATING		
VIP4C02	0.50	0.37	1	230	60	CSCR	4.6	2.1	A	U17-2072	43MFD-270V-15kΩ	U17-2072	15MFD-370V	U17-2077	None
VIP4D02	0.75	0.55	1	230	60	CSCR	4.4	2.0	A	U17-2073	59MFD-270V-15kΩ	U17-2073	23MFD-370V	U17-2077	None
VIP4E02	1.00	0.75	1	230	60	CSCR	4.4	2.0	A	U17-2074	86MFD-270V-15kΩ	U17-2074	23MFD-370V	U17-2077	None
VIP4F02	1.50	1.1	1	230	60	CSCR	4.6	2.1	A	U17-1430	105MFD-330V-15kΩ	U17-1438	10MFD-370V	U17-2078	CGP69JB-7
VIP4G02	2.00	1.5	1	230	60	CSCR	4.6	2.1	A	U17-1430	105MFD-330V-15kΩ	U17-1440	20MFD-370V	U17-1431	CET38EB-7
VIP4H02	3.00	2.2	1	230	60	CSCR	5.4	2.4	A	U17-1428	208MFD-330V-15kΩ	U17-1443	45MFD-370V	U17-1431	CGT66DD-07
VIP4J02	5.00	3.7	1	230	60	CSCR	8.2	3.7	B	U17-1437	270MFD-330V-15kΩ	U17-1442	2 pcs-40MFD-370V	U17-2079	BET00EE-21

Control boxes are designed to be used on Pentair motors with the same HP and Voltage ratings. Do not use on motors with different ratings.



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Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice.

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