



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 Made in USA, 330 Volt Start Capacitor

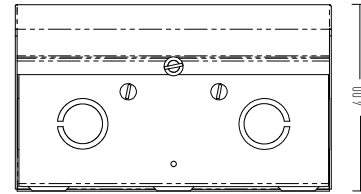
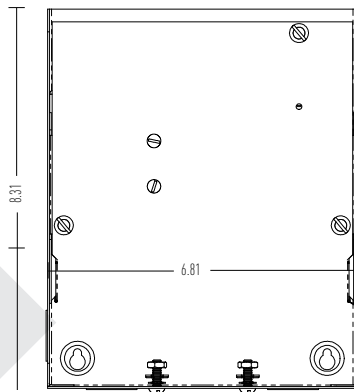
Agency Approvals

CSA CUS Certified

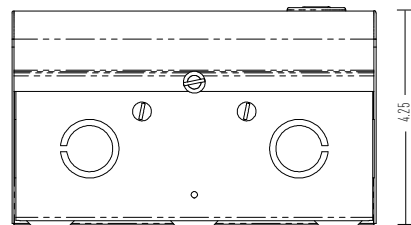
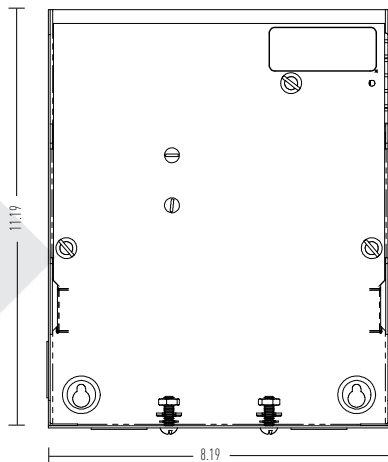


PENTEK® 4" Single-Phase Control Boxes

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	1/2	0.37	1	230	60	CSCR	4.6	2.1	A	U17-2072	43MFD-330V-15kΩ	U17-1419	15MFD-370V	U17-2077	None
VIP4D02	3/4	0.55	1	230	60	CSCR	4.4	2.0	A	U17-2073	59MFD-330V-15kΩ	U17-1292	23MFD-370V	U17-2077	None
VIP4E02	1	0.75	1	230	60	CSCR	4.4	2.0	A	U17-2074	86MFD-330V-15kΩ	U17-1292	23MFD-370V	U17-2077	None
VIP4F02	1-1/2	1.1	1	230	60	CSCR	4.6	2.1	A	U17-1430	105MFD-330V-15kΩ	U17-1438	10MFD-370V	U17-2078	CGP67JB-07
VIP4G02	2	1.5	1	230	60	CSCR	4.6	2.1	A	U17-1430	105MFD-330V-15kΩ	U17-1440	20MFD-370V	U17-1431	CET38EB-07
VIP4H02	3	2.2	1	230	60	CSCR	5.4	2.4	A	U17-1428	208MFD-330V-15kΩ	U17-1443	45MFD-370V	U17-1431	CGT63DD-07
VIP4J02	5	3.7	1	230	60	CSCR	8.2	3.7	B	U17-1437	270MFD-330V-15kΩ	U17-1442	40MFD-370V-2 pcs	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.