

AEROCOOL[®]

2021-2022

ISVSPC



COMMERCIAL SERVICES

FACTORY ASSEMBLY & PRE-WIRED SERVICES

Phoenix Manufacturing Inc.

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ISVSPC

INTERNAL SINGLE VOLTAGE – SINGLE POINT CONNECTION

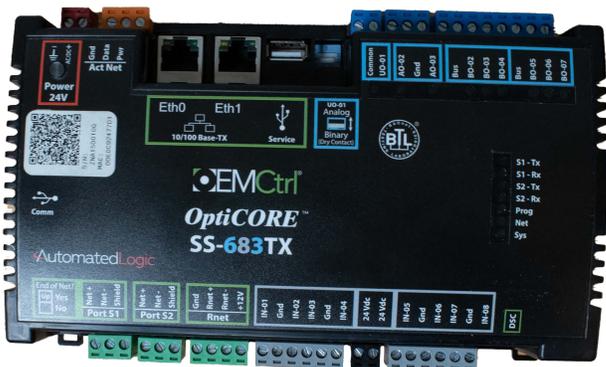
Factory pre-wired service includes installation and wiring of the motor, motor sheave, float valve, pump and pump junction box.

The Control box for the ISVSPC is for simplistic wiring specifically designed for the desired motor voltage required.

Optional:



- 24 Volt
- Easy to install
- Provides a pad “Pre-Wet” & “Rinse” cycle
- Full 24/7 Programmable capability
- Compatible with all SVPC models
- Large Blue Display for easy low-light viewing
- 365 Day Programmable Calendar
- UL Listed



BACnet BMS compatible fully integrated in cooler controls, room sensors available.



FEATURES

- Single phase or 3 phase motor installed
 - Class 10 overload protection for the 3 phase motors
 - Circuit breaker serves as disconnect for motor – separate field supplied disconnect for motor not required
 - Separate disconnect for pump/control circuit – easily shut down unit for inspection
 - Relay to control pump operation
 - Terminal blocks for input/output connections in the control box
 - The ISVSPC has a simple multi-position switch for manual control
- VFD motor (fan) controller option is available upon request. Contact PMI for pricing and availability



⚠️ WARNING: This product can expose you to chemicals including Lead, which is known in the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

ISVSPC



SVSPC Part #	H.P.	Voltage	Phase
ISVSPC12-161	¾	120	1
ISVSPC12-165	1	120	1
ISVSPC12-169	1 ½	120	1
ISVSPC12-172	2	120	1
ISVSPC20-161	¾	208	1
ISVSPC24-161	¾	240	1
ISVSPC20-165	1	208	1
ISVSPC24-165	1	240	1
ISVSPC20-169	1 ½	208	1
ISVSPC24-169	1 ½	240	1
ISVSPC20-172	2	208	1
ISVSPC24-172	2	240	1
ISVSPC20-163	¾	208	3
ISVSPC24-163	¾	240	3
ISVSPC20-166	1	208	3
ISVSPC24-166	1	240	3
ISVSPC20-167	1	200	3
ISVSPC20-170	1 ½	208	3
ISVSPC24-170	1 ½	240	3
ISVSPC20-171	1 ½	200	3
ISVSPC20-173	2	208	3
ISVSPC24-173	2	240	3
ISVSPC20-174	2	200	3
ISVSPC20-176	3	208	3
ISVSPC24-176	3	240	3
ISVSPC20-177	3	200	3
ISVSPC20-178	5	208	3
ISVSPC24-178	5	240	3
ISVSPC20-179	5	200	3
ISVSPC24-182	7 ½	240	3
ISVSPC20-183	10	208	3
ISVSPC24-183	10	240	3
ISVSPC48-163	¾	480	3
ISVSPC48-166	1	480	3
ISVSPC48-170	1 ½	480	3
ISVSPC48-173	2	480	3
ISVSPC48-176	3	480	3
ISVSPC48-178	5	480	3
ISVSPC48-182	7 ½	480	3
ISVSPC48-183	10	480	3

INCLUDES:

- Control Voltage Transformer
- Pump Transformer
- Motor Contactor
- Pump Contactor
- Thermal Motor Protection
- Fusing
- Transformer for 208-204/480V 3-Phase to 120V to accommodate up to 6 120v pumps
- Transformer from 120V To 24V for the control circuit.

Example Model Number All pumps are 120V

ISVSPC 24 - 176

No 2 speed kits available
(No kits for M162, M168, M180, or M181A)

➔ **Motor Part Number**
The PMI Motor part Number it is matched to

➔ **Kit voltage (wired for voltage)**
12 = 120 Volt motor - single phase
20 = 208 Volt motor - single or 3 phase
24 = 240 Volt motor - single or 3 phase
48 = 480 Volt motors - 3 phase only

➔ **Internal Single Volt Single Point Connection**

SPECIAL SERVICE SOLUTIONS

ISVSPC - INTERNAL SINGLE VOLTAGE - SINGLE POINT CONNECTION

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(Optional)



EISA
MOTOR



SWITCH
BOX



120V
PUMP



ROTARY
SWITCH

Value & Commitment

Phoenix Manufacturing, Inc. (PMI) is a designer, manufacturer, and distributor that primarily produces evaporative cooling products designed for the comfort of the home or business.

Values at PMI begin with our employees, customers, and suppliers. We strive each day to treat those involved with PMI with respect while performing our duties with integrity. We put a premium on those values to best serve our industry in a manner that will deliver quality in everything we do. The phone calls, e-mails and meetings, along with our products and services, are designed to deliver these values as no one else does and to do it consistently each day.



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