



**FRIGIKING**  
EVAPORATIVE AIR COOLER

**2021-2022**

**SVSPC**



# **COMMERCIAL SERVICES**

**FACTORY ASSEMBLY & PRE-WIRED SERVICES**

Phoenix Manufacturing Inc.

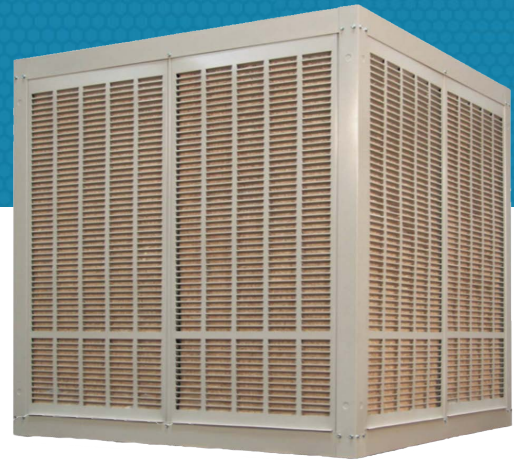
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# SVSPC

## 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 SVSPC 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

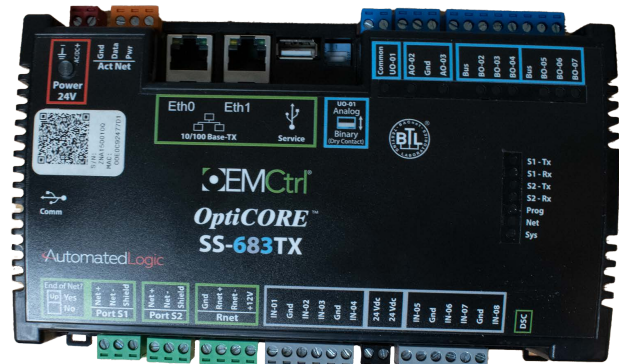


## FEATURES

- Weather proof NEMA 3R box
- Single phase or 3 phase motor control
- 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 SVSPC has a simple multi-position switch for manual control
- VFD motor (fan) controller option is available upon request. Contact PMI for pricing and availability



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



# SVSPC



## INCLUDES:

- Control Voltage Transformer
- Pump Transformer
- Motor Contractor
- Pump Contractor
- Thermal Motor Protection
- Fusing
- Disconnect for Primary Voltage
- 100VA Transformer for 208-204/480V 3-Phase to 120V 1-phase
- Transformer from 120V To 24V for the control circuit

SVSPC Part #	H.P.	Voltage	Phase
SVSPC12-161	¾	120	1
SVSPC12-165	1	120	1
SVSPC12-169	1 ½	120	1
SVSPC12-172	2	120	1
SVSPC20-161	¾	208	1
SVSPC24-161	¾	240	1
SVSPC20-165	1	208	1
SVSPC24-165	1	240	1
SVSPC20-169	1 ½	208	1
SVSPC24-169	1 ½	240	1
SVSPC20-172	2	208	1
SVSPC24-172	2	240	1
SVSPC20-163	¾	208	3
SVSPC24-163	¾	240	3
SVSPC20-166	1	208	3
SVSPC24-166	1	240	3
SVSPC20-167	1	200	3
SVSPC20-170	1 ½	208	3
SVSPC24-170	1 ½	240	3
SVSPC20-171	1 ½	200	3
SVSPC20-173	2	208	3
SVSPC24-173	2	240	3
SVSPC20-174	2	200	3
SVSPC20-176	3	208	3
SVSPC24-176	3	240	3
SVSPC20-177	3	200	3
SVSPC20-178	5	208	3
SVSPC24-178	5	240	3
SVSPC20-179	5	200	3
SVSPC24-182	7 ½	240	3
SVSPC20-183	10	208	3
SVSPC24-183	10	240	3
SVSPC48-163	¾	480	3
SVSPC48-166	1	480	3
SVSPC48-170	1 ½	480	3
SVSPC48-173	2	480	3
SVSPC48-176	3	480	3
SVSPC48-178	5	480	3
SVSPC48-182	7 ½	480	3
SVSPC48-183	10	480	3

### Example Model Number

All pumps are 120V

**SVSPC 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

#### Single Volt Single Point Connection



# SPECIAL SERVICE SOLUTIONS

## SVSPC - SINGLE VOLTAGE - SINGLE POINT CONNECTION

Factory pre-wire service includes installation and wiring of the motor, motor sheave, float valve, pump and pump junction box. The control box for the SVSPC is for simplistic wiring especially designed for the desired motor voltage required.



(Optional)



EISA  
MOTOR



SWITCH  
BOX



PUMP  
J-BOX



120V.  
PUMP



NEMA 3R  
BOX



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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