



# SPM-SERIES

5 - 7.5 HP \ INDUSTRIAL ELECTRIC COMPRESSORS



SPM-5 / SPM-7.5

*Dependable by design.™*

# SPECIFICATIONS

| COMPRESSOR DATA           |             | SP-M5     | SP-HM5     | SP-HHM5    | SP-M7.5   | SP-HM7.5   | SP-HHM7.5  |
|---------------------------|-------------|-----------|------------|------------|-----------|------------|------------|
| **Capacity                | acfm        | 18.1      | 15         | 13.1       | 26.9      | 23.2       | 18.9       |
| Pressure @ Full Load      | psig (bar)  | 125 (8.6) | 150 (10.3) | 175 (12.1) | 125 (8.6) | 150 (10.3) | 175 (12.1) |
| Minimum Pressure          | psig (bar)  | 60 (4.1)  | 60 (4.1)   | 60 (4.1)   | 60 (4.1)  | 60 (4.1)   | 60 (4.1)   |
| Motor                     | hp (kW)     | 5 (3.7)   | 5 (3.7)    | 5 (3.7)    | 7.5 (5.6) | 7.5 (5.6)  | 7.5 (5.6)  |
| Motor Speed               | rpm         | 1755      | 1755       | 1755       | 3530      | 3530       | 3530       |
| COOLING DATA              |             |           |            |            |           |            |            |
| Fan Airflow               | cfm         | 1100      | 1100       | 1100       | 1100      | 1100       | 1100       |
| After Cooler Approach     | °F (°C)     | 20 (11)   | 20 (11)    | 20 (11)    | 20 (11)   | 20 (11)    | 20 (11)    |
| Fluid Capacity            | gallons (L) | 1 (3.8)   | 1 (3.8)    | 1 (3.8)    | 1 (3.8)   | 1 (3.8)    | 1 (3.8)    |
| DISCHARGE PIPING          |             |           |            |            |           |            |            |
| Air-Cooled (Base-Mounted) | NPT         | 3/4       | 3/4        | 3/4        | 3/4       | 3/4        | 3/4        |
| Tank-Mounted (Tank End)   | NPT         | 2         | 2          | 2          | 2         | 2          | 2          |
| ELECTRICAL DATA           |             |           |            |            |           |            |            |
| Starter Enclosure Rating  | NEMA        | 4         | 4          | 4          | 4         | 4          | 4          |
| Control Voltage           | volts       | 115       | 115        | 115        | 115       | 115        | 115        |
| Motor Enclosure           | NEMA        | TEFC      | TEFC       | TEFC       | TEFC      | TEFC       | TEFC       |
| Motor Insulation Class    | NEMA        | F         | F          | F          | F         | F          | F          |
| Motor Service Factor      | NEMA        | 1.25      | 1.25       | 1.25       | 1.25      | 1.25       | 1.25       |

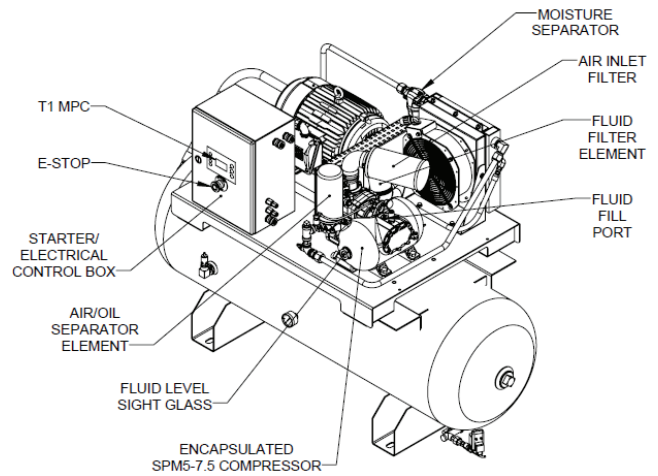
\*\*Capacity in accordance with CAGI/ISO 1217 (Annex C / Annex E)

## Standard Features:

- Modular oil flooded rotary screw industrial air compressor
- Continuous Duty
- 230/460 volt 3-phase Total Enclosed Fan Cooled (TEFC) Premium Efficient Motor (Consult Factory for other voltages)
- Full Voltage magnetic starter with 115 volt control power
- T1 Microprocessor Controller
- Air Cooled Oil Cooler with Air Cooled Aftercooler
- Factory fill of Palasyn 45 synthetic oil
- Spin on type oil filter and separator element for ease of maintenance

## Options:

- Electro-mechanical Controls: with Temperature Gauge, Pressure Gauge & Hour Meter
- Food Grade Lubricant, PAL Extra 44, Pallube 32
- Sound Enclosure
- Platform Mount
- Mounted on 80 Gallon Tank
- Mounted on 120 Gallon Tank
- Mounted on 200 Gallon Tank



| MODEL                                | LENGTH | HEIGHT | WIDTH |
|--------------------------------------|--------|--------|-------|
| Base Mount                           | 40     | 23.11  | 30.5  |
| Base Mount Enclosed                  | 40.13  | 26.06  | 30.5  |
| Platform Mount Open                  | 40     | 50.11  | 30.5  |
| Platform Mount Enclosed              | 40.13  | 56.06  | 30.5  |
| Tank Mount - 80G Open                | 68.04  | 43.92  | 30.5  |
| Tank Mount Enclosed - 80G            | 68.04  | 49.87  | 30.5  |
| Tank Mount - 120G Open               | 71.98  | 46.92  | 30.5  |
| Tank Mount Enclosed - 120 G Enclosed | 71.98  | 52.87  | 30.5  |
| Tank Mount - 200 G Open              | 77.04  | 53.92  | 32.19 |
| Tank Mount Enclosed - 200 G          | 77.04  | 59.87  | 32.19 |

All dimensions are in inches  
\* Consult factory for shipping weights

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