

RU

**Reciprocating
Compressor
Package**

Reciprocating Compressor Packages

MYCOM has a wide range of reciprocating compressors that give customers superior performance in countless applications.

MYCOM reciprocating compressors are high performance machines that are designed with energy efficiency and longevity in mind. This design combination makes MYCOM reciprocating compressors the best choice for total life cycle design cost.

STANDARD COMPRESSOR OPTIONS

- Discharge and suction stop valves
- External pressure safety relief valve
- Unloading solenoid valve(s)
- Discharge and suction thermometers
- Oil drain & charge valve 3/8"
- Purge valve 3/8"
- Water cooled oil cooler (DX available for R22)
- Water cooled head covers (Air cooled for R22)
- Flywheel
- Tool kit

OPTIONAL FEATURES

- Package wiring includes: a Mycom designed junction box which would have a terminal strip to which the control switches are hard wired. The junction box has a hand-off-auto switch which is used to select how you wish to run the compressors either in automatic or manual mode and an Emergency stop button which would shut-down the compressor motor no matter which mode the system is running in. All of the above are wired to a terminal strip in the junction box suitable wiring to your starter and power supply.
- Direct Drive includes: coupling assembly and coupling guard

STANDARD PACKAGE OPTIONS

- Structural steel base
- Drive assembly with belts, pulleys, & OSHA guard
- Premium efficiency motor (ODP/TEFC) with slide base
- Gauge and control board(Mechanical control option)
- Mypro CP1A control panel (Mypro option)
- Oil separator (coalescing type) with oil drain float

Primary Design Considerations

- Compressor drive method (direct or belt drive)
- Control panel (electromechanical or microprocessor)
- Head cooling (air, water/glycol, or DX)
- Oil cooling (water/glycol, or DX)

COMPRESSOR LINE-UP

Reciprocating compressors are often more efficient than screw compressors at high suction temperatures and can unload more efficiently.

Suitable for Ammonia and most freon refrigerants, MYCOM compressors are the best solution for your refrigeration needs.

M-SERIES



- High efficiency
- Longer overhaul terms
- Easy maintenance
- Large displacement (752 CFM Max.)
- 0% unload option
- Internally compounded option

WA-SERIES



- Low speed option
- Wide refrigerant application range
- Internally compounded option

WBHE-SERIES



- Industrial design
- 0% unload option
- Internally compounded option

K-SERIES



- Small capacity compressor
- Great cost performance
- High speed 1750 RPM
- Up to five steps of unloading

SPECIFICATIONS

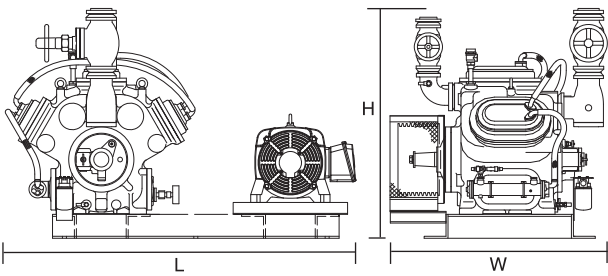
| Specifications / Model | | M | | WA | | WBHE | | K-Series | |
|------------------------|--------|------------|---------|------------|---------|------------|---------|------------|---------|
| Speed Range (RPM) | | 600 - 1500 | | 650 - 1450 | | 800 - 1200 | | 900 - 1800 | |
| CFM Range | | 75 - 752 | | 31 - 221 | | 150 - 450 | | 23 - 188 | |
| Capacity* (TR) | S.S.T. | Min RPM | Max RPM | Min RPM | Max RPM | Min RPM | Max RPM | Min RPM | Max RPM |
| | +20 °F | 34.9 | 255.7 | 7.8 | 67.3 | 47.8 | 139.5 | 7 | 56.6 |
| | 0 °F | 20.1 | 148.5 | 4.5 | 38.9 | 26.8 | 79.1 | 3.5 | 30.2 |

*Ammonia @ 95F condensing, 0F Subcooling & 0F Super heat.
Lower suction temperatures available.

DIMENSIONS

Dimensions are for reference only. Please contact MYCOM for more detailed drawings.

Belt Drive



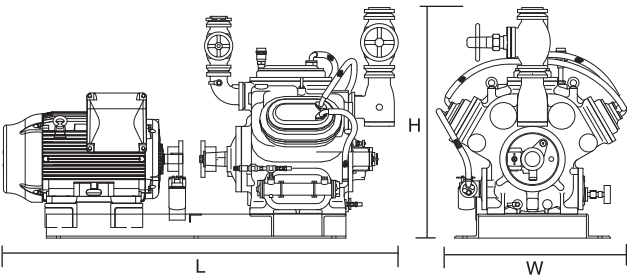
| mm [inch] | | | |
|-----------|------------|------------|------------|
| MODEL | L | W | H |
| 2M | 1,828 [72] | 1,117 [44] | 1,270 [50] |
| 4M | 1,981 [78] | 1,219 [48] | 1,422 [56] |
| 6M | 1,981 [78] | 1,219 [48] | 1,422 [56] |
| 8M | 2,235 [88] | 1,473 [58] | 1,498 [59] |

| MODEL | L | W | H |
|-------|------------|------------|------------|
| 4WA | 1,625 [64] | 1,168 [46] | 1,117 [44] |
| 6WA | 1,828 [72] | 1,219 [48] | 1,193 [47] |
| 8WA | 1,828 [72] | 1,219 [48] | 1,270 [50] |
| 42WA | 1,828 [72] | 1,219 [42] | 1,193 [47] |
| 62WA | 1,828 [72] | 1,219 [42] | 1,270 [50] |

| MODEL | L | W | H |
|--------|------------|------------|------------|
| 4WBHE | 1,930 [76] | 1,168 [46] | 1,346 [53] |
| 6WBHE | 2,133 [84] | 1,168 [46] | 1,473 [58] |
| 8WBHE | 2,133 [84] | 1,168 [46] | 1,498 [59] |
| 42WBHE | 2,133 [84] | 1,168 [46] | 1,473 [58] |
| 62WBHE | 2,133 [84] | 1,168 [46] | 1,498 [59] |

| MODEL | L | W | H |
|-------|--------------------------------|---|---|
| 4K | Please contact Mayekwa branch. | | |
| 6K | | | |
| 8K | | | |

Direct Drive



| mm [inch] | | | |
|-----------|------------|------------|------------|
| MODEL | L | W | H |
| 2M | 1,828 [72] | 1,372 [54] | 1,270 [50] |
| 4M | 1,828 [72] | 1,372 [54] | 1,422 [56] |
| 6M | 1,828 [72] | 1,422 [56] | 1,422 [56] |
| 8M | 2,235 [88] | 1,447 [57] | 1,498 [59] |

| MODEL | L | W | H |
|-------|------------|------------|------------|
| 4WA | 1,828 [72] | 1,168 [46] | 1,117 [44] |
| 6WA | 1,828 [72] | 1,219 [48] | 1,193 [47] |
| 8WA | 1,930 [76] | 1,219 [48] | 1,270 [50] |
| 42WA | 1,828 [72] | 1,219 [48] | 1,193 [47] |
| 62WA | 1,930 [76] | 1,219 [48] | 1,270 [50] |

| MODEL | L | W | H |
|--------|------------|------------|------------|
| 4WBHE | 2,082 [82] | 1,270 [50] | 1,346 [53] |
| 6WBHE | 2,133 [84] | 1,422 [56] | 1,473 [58] |
| 8WBHE | 2,133 [84] | 1,422 [56] | 1,498 [59] |
| 42WBHE | 2,133 [84] | 1,422 [56] | 1,473 [58] |
| 62WBHE | 2,133 [84] | 1,422 [56] | 1,498 [59] |

| MODEL | L | W | H |
|-------|--------------------------------|---|---|
| 4K | Please contact Mayekwa branch. | | |
| 6K | | | |
| 8K | | | |



The information contained herein is for reference only. Subject to change without notice.



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