

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 supplying 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
- 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)

*Note: Some options not available in all series.

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

W-SERIES



- Ease of overhaul
- Long life with proper maintenance
- Optimum Vi at all times
- Simple oil cooling and simple head cooling
- Makes heat recovery easy

K-SERIES



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

L-SERIES



- Ease of overhaul
- Internal relief valve
- Wide range of applications
- CFM 231 ~ 462 (NH3 1750 rpm)

SPECIFICATIONS

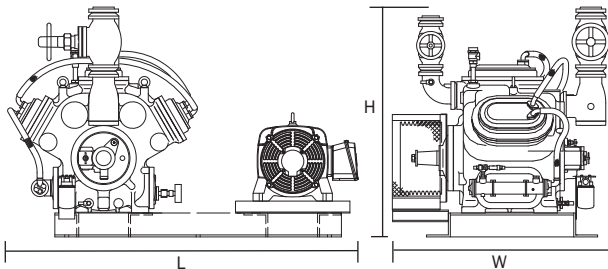
Specifications / Model		M		WA		WBHE		K-Series	
Speed Range (RPM)		600 - 1500		650 - 1450		800 - 1200		900 - 1800	
CFM Range		75 - 752		31 - 221		150 - 450		23 - 188	
Capacity* (TR)	S.S.T.	Min RPM	Max RPM	Min RPM	Max RPM	Min RPM	Max RPM	Min RPM	Max RPM
	+20 <input type="checkbox"/>	34.9	255.7	7.8	67.3	47.8	139.5	7	56.6
	0 <input type="checkbox"/>	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.

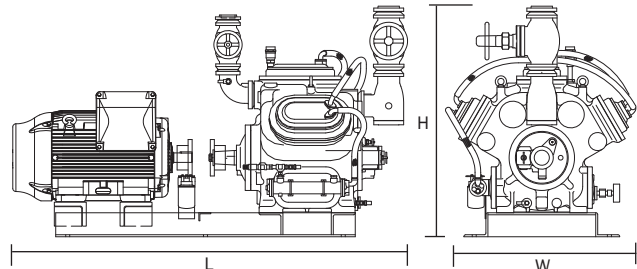
DIMENSIONS

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

■ Belt Drive



■ Direct 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
2K	Please contact Mayekwa branch.		
4K			
6K			
8K			

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
2K	Please contact Mayekwa branch.		
4K			
6K			
8K			



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