



Airlock Drives



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right angle drive shown on an HD airlock - shown with finger guard

Right angle drives, as the name implies, put the motor and rotor at a right angle. A very commonly used arrangement, right angle drives do increase the required headroom for the airlock. The right angle drive is less expensive than the parallel shaft arrangement.

Right angle drives can be used on the following MAC airlocks:

- Multi Duty (MD)
- Heavy Duty (HD)
- High Efficiency (HE)
- Fabricated Square (FS)
- Fabricated Round (FR)

Motors

MAC offers the following brands of motors for use on MAC airlocks.

- U.S. Electric
- Baldor
- Reliance
- Toshiba
- General Electric
- Marathon
- Leeson

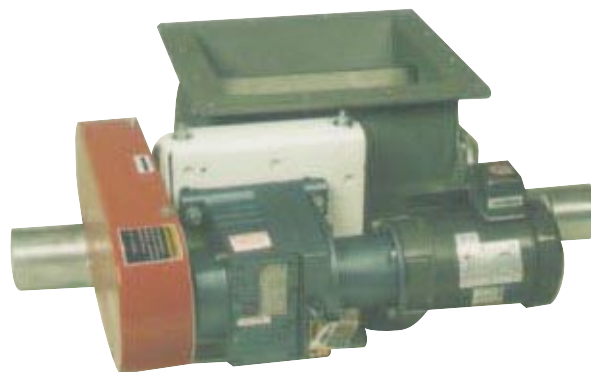
MAC also offers variable speed drives on all airlocks.

For assistance with motors for other manufacturer's airlocks please contact your MAC Sales Representative.

Airlock drives

All MAC airlocks can be purchased with or without drives. MAC offers airlock drives as replacements or for use with bare MAC airlocks.

There are two types of drives offered for attachment to airlocks; right angle and parallel shaft.



parallel shaft drive shown on CV airlock

Parallel shaft drives set the motor parallel to the rotor and the airlock housing. A parallel shaft drive is more efficient than a right angle drive, enabling the use of a smaller motor while providing a higher amount of torque. Since the drive does not protrude above the airlock housing, the parallel shaft has lower height restrictions.

Parallel shaft drives are available on all MAC airlocks.