

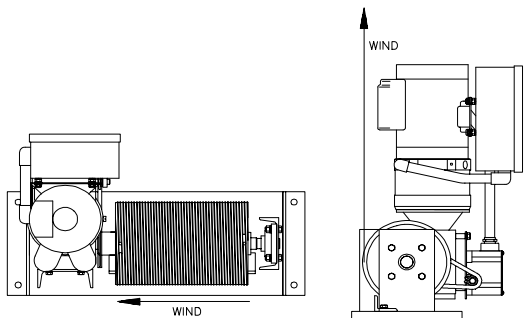
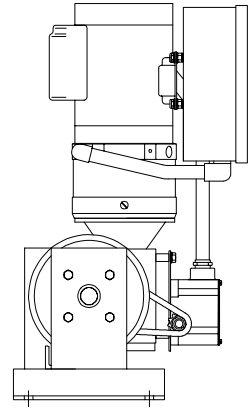
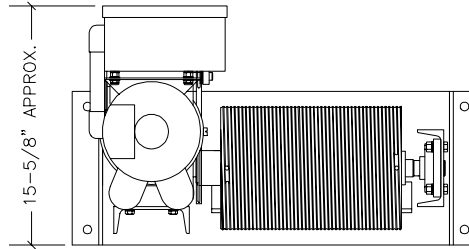
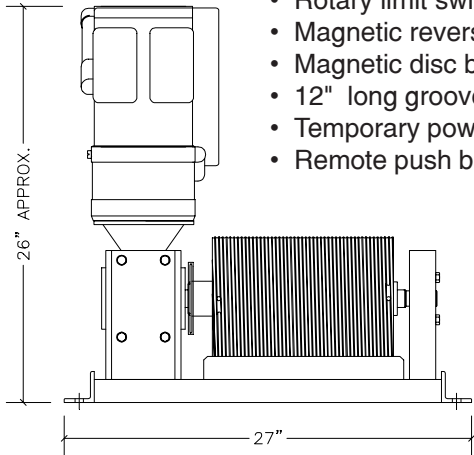
MODEL NO. 467 LIFT CURTAIN MACHINE

STANDARD FEATURES:

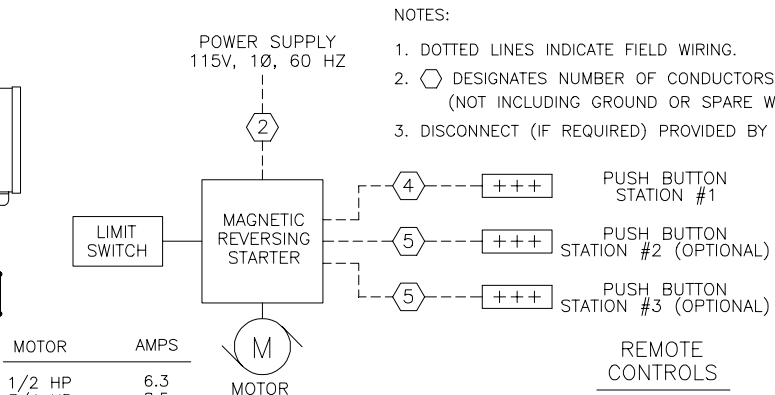
- Instantly reversing motor.
- Rotary limit switch.
- Magnetic reversing starter.
- Magnetic disc brake.
- 12" long grooved cable drum.
- Temporary power supply cord.
- Remote push button station.

OPTIONAL FEATURES:

- Low voltage control circuit.
- Other cable speeds (lift capacity will vary).



Model No. 467 Reeving Schematic



Model No. 467 Riser Diagram

NOTES:

1. DOTTED LINES INDICATE FIELD WIRING.
2. ◻ DESIGNATES NUMBER OF CONDUCTORS REQUIRED (NOT INCLUDING GROUND OR SPARE WIRES)
3. DISCONNECT (IF REQUIRED) PROVIDED BY OTHERS.

LIFT CURTAIN MACHINE:

Automatic lift curtain machine shall be capable of operating curtain between preset "open" and "close" positions at a speed of 69 feet per minute. Precision machined steel winding drum shall be directly coupled to gearmotor with brake and mounted to heavy steel channel base.

Provide helically-grooved 8" diameter drum for 3/16" cable lift line. Drum shall be of sufficient length to provide for 80 feet of lift plus three dead wraps. Drum shall be keyed directly to the output shaft of the gear reducer at one end and supported by a flange block at the other end. Gear reducer shall be single reduction worm gear type designed for continuous duty. Precision machined alloy steel worm and bronze gear shall operate in an oil bath within a cast housing with dual-lip oil seals on the output shaft to prevent leakage. The gear reducer shall have a AGMA service factor of at least 1.0 for continuous operation.

Unit shall be driven by 1/2 HP*, 115V single phase capacitor motor directly coupled to the input shaft of the reducer. Motor shall be instantly reversing type to allow motor to reverse rotation without stopping. A "fail-safe" brake rated at 3 ft-lb shall be integral to the gearmotor.

Starter cabinet shall be located at the machine, containing all the necessary contactors, circuit breakers, overloads and fuses to provide for reversing operation. Controls shall be automatic with electrical latch to hold run circuit until limit switch is reached or "stop" button is pushed. Provide mechanical and electrical interlocks between contactors to prevent accidental motor reversal. Mount three pushbuttons on cabinet for local "open", "close" and "stop" control. All field connections shall be made through terminal blocks in the starter cabinet.

Provide two-stop mechanical, rotating shaft limit switch in separate NEMA 1 enclosure. Switch shall employ 72:1 worm gear reduction and shall operate two independently adjustable cams. Each cam shall activate a separate contact block for "open" and "close" positions.

Supply remote control station consisting of three pushbuttons mounted to stainless steel plate to fit standard single-gang switch box.

Model No. 467-1/2* as manufactured by H & H Specialties Inc.

* 3/4 HP motor also available. Consult factory for 467-1 specifications.