

NSGV MOTORIZED HOSE REEL (MHR) with DIRECT DRIVE PRESSURE BLOWER (PB) SPECIFICATION

GENERAL DESCRIPTION: The MHR Motorized Operated Hose Reel is ideally suited for applications where tubing needs to be stored on the hose reel drum. The high quality direct drive asynchronous motor raises and lowers the tube via a hanging pendant switch. This design allows the tubing to be extended to a desired length, providing unhindered use of the uncoiled tubing length. The MHR can be mounted on a wall, ceiling, or in special cases, on a portable cart. The MHR is the most user friendly means of storing flexible tubing to prevent "hang down", which may create possible overhead obstructions. The MHR can be utilized with 3", 4", 5", 6" and 8" diameter flexible tube enabling it to work for virtually any type of application. While the 3", 4", 5", and (6" < 20'-0") Ø MHR will utilize a 120v single-phase motor, the (6" > 20'-0"), and 8"Ø MHR will utilize a single-phase 220v motor. The PB Direct Drive Pressure Blower shall be direct-mounted to the hose reel via a flange connection. Both, the hose reel and blower will be supplied with securely attached flanges, for field assembly.

MAXIMUM TUBING STORAGE CAPACITIES: See NSGV Page No. 2006-103

FLEXIBLE TUBING OPTIONS: See NSGV Page No. 2006-103

TAILPIPE ADAPTER OPTIONS: See NSGV Page No. 2006-103

DIRECT DRIVE PRESSURE BLOWER: See NSGV Page No. 2006-62

Note: These are standard size reels. Please consult factory for larger diameter reels.

SUGGESTED SPECIFICATION

The MHR Motorized Hose Reel shall store _____ feet of _____ inch diameter, NSGV type _____ flexible tube. The adapter shall be a NSGV Model No. _____. The direct mount, Direct Drive Pressure Blower shall be a NSGV Model No. PB-____ sized per required specifications. The hose reel body shall be supported by two side plate mounting supports constructed of 11gauge formed steel and drawn securely together by two 11 gauge "J" channel steel support braces.

- The hose reel housing is equipped with a single-phase 120v or 220v direct drive asynchronous motor. For ease of operator use, there will be a hand held pendant switch hanging down to operator height. This feature will allow the operator to raise and lower the flexible tubing while holding the adapter, eliminating swinging of the tube.
- The hose reel drum is constructed of 16 gauge cold rolled steel. The drum shall be centered on two rolled edge end plates via an 18"Ø groove, allowing the drum to be securely locked in place. For added strength, the hose reel must have a minimum of 4 inner support bars that draw the end plates securely to the drum. To guide the flexible tubing evenly onto the reel with no overlapping, the drum shall be equipped with a hose tracking bar.
- The hose reel shall have a cast aluminum hose-to-drum fitting allowing for the connection of 3", 4", 5", 6", or 8"Ø flexible tube. Flanged connections are not acceptable.
- To assure a constant velocity of air movement through the drum there shall be a continuous 6"Ø or 8"Ø airtight aluminum flexible duct that is connected to the hose-to-drum fitting and continues to the discharge duct. The side discharge fitting is a complete bearing fitting allowing for turning of the hose reel and the connection of 6" or 8"Ø duct.
- An industrial grade protective powder coating will be baked on to insure a corrosion and abrasion resistant finish for atmospheric protection to the hose reel housing as well as the drum, supports, and hanging brackets.
- (Insert Pressure Blower specification here)
- (Insert flexible tube specification here)
- (Insert adapter specification here)

The MHR hose reel with direct mount Pressure Blower shall be a standard product of National System of Garage Ventilation (NSGV) in Decatur, IL or approved equal.

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