

## WM Light Dep Exhaust Fan

Using light deprivation to control plant growth and blooming is a trending strategy for short-day plants, such as cannabis and poinsettias.

Without the proper ventilation during the light deprivation stage, heat, mold, and disease can quickly destroy your crop setting you back a whole season.

J&D's WM Light Dep Fan is a crucial piece of your greenhouse light deprivation system for healthy, robust, and profitable blooms.

- Allows for bigger, higher quality, larger profit, flowers
- Full range of sizes, even ones for small greenhouses
- Test data is for fan with light trap enabling dependable and accurate air exchange calculations
- Fan with light trap mounts flush to the interior of the building freeing up valuable space in your greenhouse and eliminating a protruding ledge that can collect debris and possible pathogens

### Light Trap

- 1.5 million :1 light reduction factor
- Washable
- Easy to assemble\*, install, and remove for cleaning

### Nylon Light Trap Clips

- For tool-less light trap removal, allowing for quick cleaning and maintenance access



### Exterior Shutter

- Aluminum shutter with tie bar/s to minimize unwanted air infiltration and noisy flapping

### Housing

- Durable, corrosion-resistant, 18 gauge galvanized steel for long life



**Cannabis**



**Christmas Cactus**



**Chrysanthemums**



**Cosmos**



**Hops**



**Poinsettias**



**Zinnias**

**⚠ WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product).

*Due to our continual effort to provide the best products available and adhere to market conditions; literature, products, prices and availability are subject to change without notice.*

# WM Light Dep Exhaust Fan

## H-frame

- Heavy 12 gauge steel for strength
- Galvanized for long life

## Prop

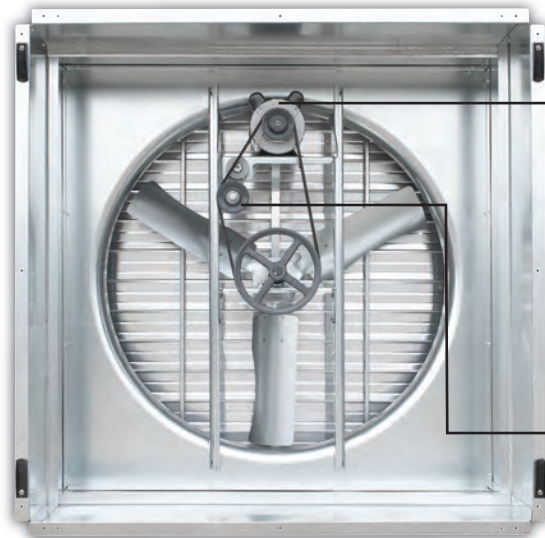
- Precision balanced for efficiency, extended fan life, and reduced noise

## Bearings

- Eccentric locking
- Pre-lubricated
- Permanently sealed and rubber mounted to improve operation and reduce prop fatigue
- Covered by a **Three Year Warranty**

## Venturi

- Precision machined for consistent predictable performance



## Standard Motor

- Totally enclosed
- Maintenance-free, completely sealed ball bearings
- High-efficiency
- UL and CUL recognized
- Covered by a **Two Year Warranty**

## Belt Drive Models

- Automotive style belt tensioner
- High efficiency notched v-belt

# WM Light Dep Exhaust Fan

Part#	Size	Phs	Spd	@0.10" SP		Drive	Prop
				CFM	Watt		
<b>Single Phase</b>							
VF24DMLT1	24"	1	1	<b>4,267</b>	<b>10.6</b>	Direct	3-Alm
VF30DMLT1	30"	1	1	<b>6,216</b>	<b>11.0</b>	Direct	3-Alm
VF36GGLT1	36"	1	1	<b>10,948</b>	<b>9.4</b>	Belt	4-Glv
VF42GGLT1	42"	1	1	<b>13,064</b>	<b>10.4</b>	Belt	3-Glv
VF50GGLT1	50"	1	1	<b>19,717</b>	<b>10.5</b>	Belt	3-Glv
<b>Three Phase</b>							
VF24DMLT3	24"	3	1	<b>4,457</b>	<b>10.7</b>	Direct	3-Alm
VF30DMLT3	30"	3	1	<b>6,259</b>	<b>12.1</b>	Direct	3-Alm
VF36GGLT3	36"	3	1	<b>11,044</b>	<b>9.9</b>	Belt	4-Glv
VF42GGLT3	42"	3	1	<b>13,957</b>	<b>10.4</b>	Belt	3-Glv
VF50GGLT3	50"	3	1	<b>22,038</b>	<b>10.1</b>	Belt	3-Glv

## Gold Star Motor WM Light Dep Exhaust Fan

Part#	Size	Phs	Spd	@0.10" SP		Drive	Prop
				CFM	Watt		
<b>Single Phase</b>							
VF24DMLT1-GS	24"	1	1	<b>4,854</b>	<b>7.8</b>	Direct	4-Ply
VF30DMLT1-GS	30"	1	1	<b>6,551</b>	<b>10.4</b>	Direct	3-Alm
<b>Three Phase</b>							
VF24DMLT3-GS	24"	3	1	<b>4,252</b>	<b>9.0</b>	Direct	3-Glv
VF30DMLT3-GS	30"	3	1	<b>6,645</b>	<b>10.0</b>	Direct	3-Alm

## Gold Star Motor

- IP66 rated
  - Dust tight
  - Can be washed down from any angle
- Totally enclosed
- Maintenance-free, completely sealed ball bearings
- High-efficiency
- CSA recognized
- Covered by a **Three Year Warranty**



Fan Size	Rough Opening
24"	35"W x 35"H
30"	41"W x 41"H
36"	47¼"W x 47¼"H
42"	53"W x 53"H
50"	59"W x 59"H

**Bold red text is data based on testing performed by an accredited lab using ANSI/AMCA Standard 210-07**

**OSHA requires these fans to be mounted 7' above the floor**

\*Light trap ships unassembled

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