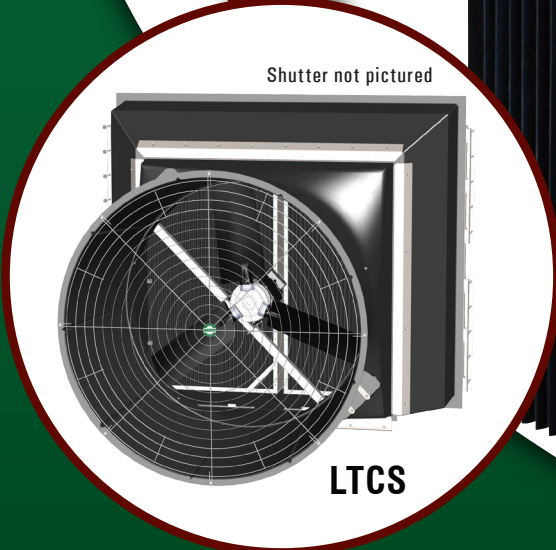
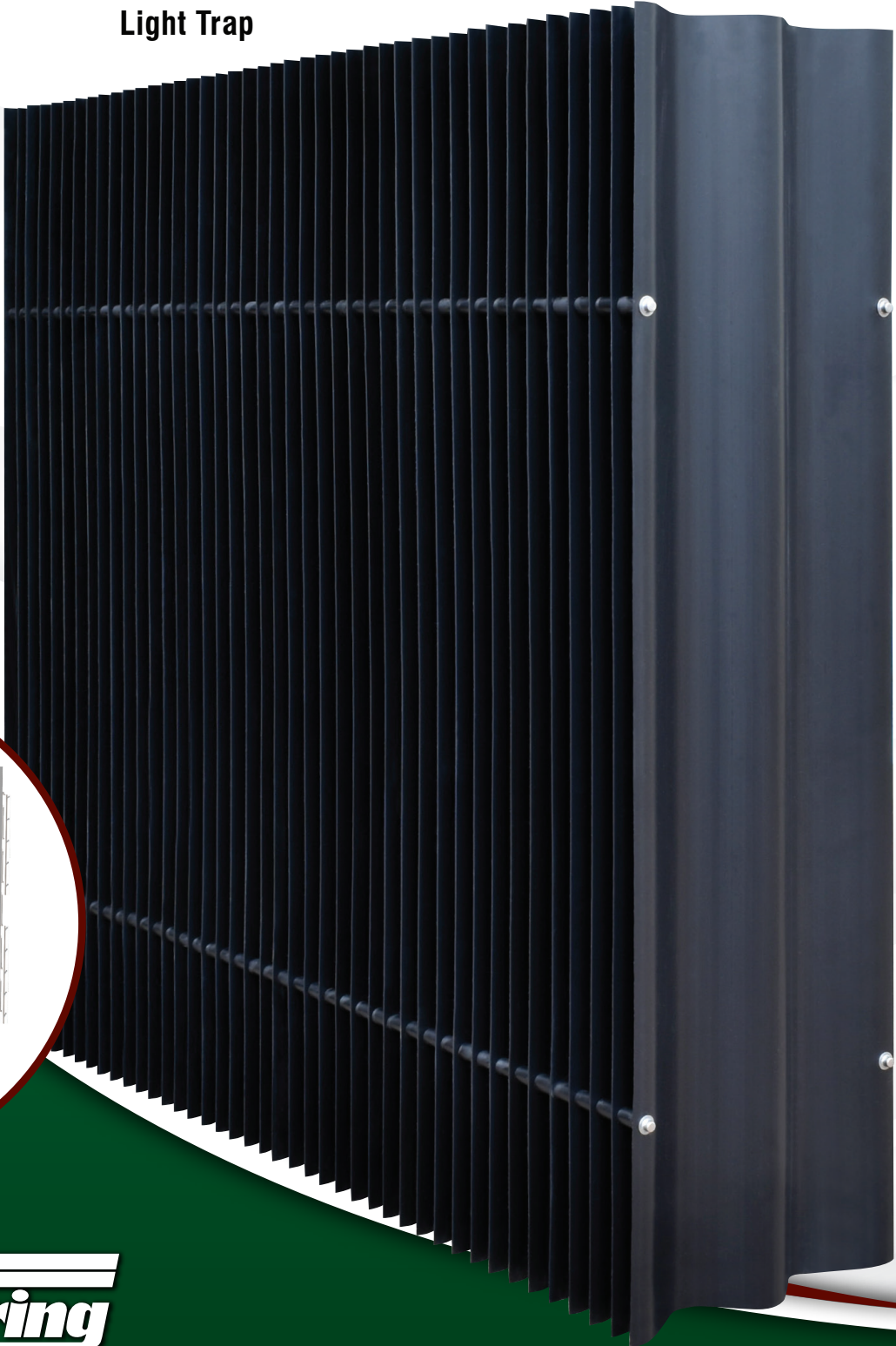


Light Trap



J&D
Manufacturing

LIGHT DEPRIVATION SOLUTIONS

Light Deprivation Solutions

Without properly implementing a light deprivation strategy, you could be leaving money on the table.

**1.5 MILLION : 1
LIGHT REDUCTION
FACTOR**

Keep the light out

**GROW
BIGGER & FASTER!**

Increase your revenue

**MULTIPLE
SIZES TO ORDER FOR
ANY SIZE FACILITY!**

Custom sizing available

**WE WILL DESIGN
A CUSTOM LIGHT DEP
STRATEGY FOR YOU**

Only put light trap where needed

Benefits of Light Deprivation

Greenhouse: Being able to control the amount of light your crop receives allows you mimic the ideal amount of sunlight your crop would receive in a natural setting during the flowering phase. By doing so pushes plants to start flowering before they would naturally.

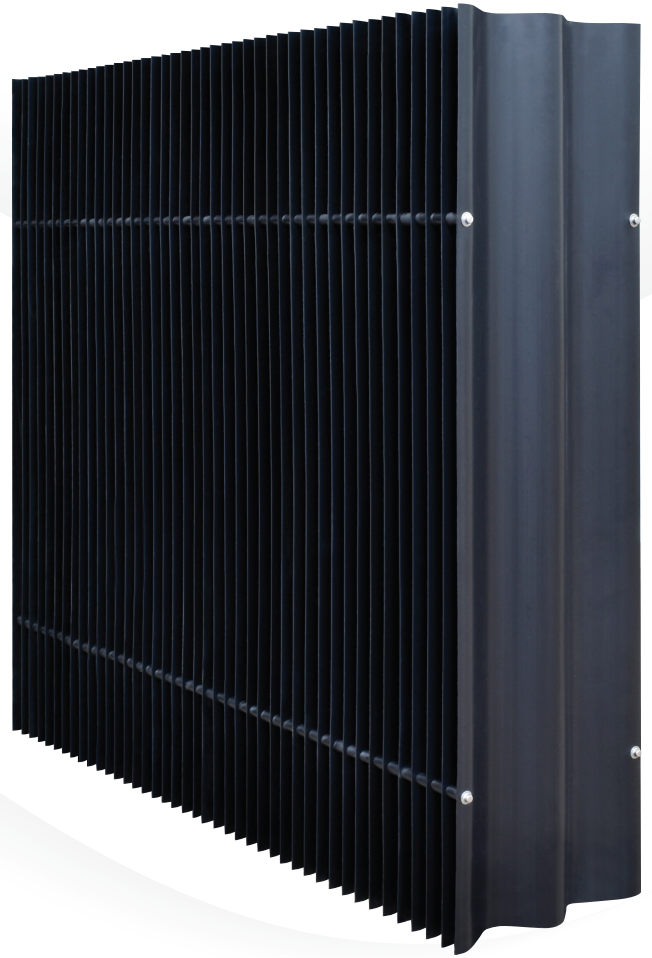
- Increase the number of harvests each year
- Be able to control when crop flowers, so harvesting is during a convenient time

Poultry: Controlling the amount of light cage-free birds receive is known to decrease aggressive behavior. Birds will naturally want to sleep in the dark, and when they sleep is when they grow. By implementing a light deprivation strategy you will:

- Increase bird maturation rate
- Increase egg production
- Decrease mortality rate

Light Trap

**Custom
sizes
available!**



A great solution for reducing light infiltration through inlets and exhaust fans.

- Perfect for any light deprivation need
- Control growth, performance, and quality of your product
- Comes easy-to-assemble for huge savings on shipping, or get them fully assembled for quick installation

Let our team of ventilation experts calculate exactly what you need for your operation!

Already have fans and inlets?

This light trap is perfect for adding light deprivation to an existing operation.



***Light Trap
Assembly Video***

Intake Power Shutter w/Light Trap



The Intake Power Shutter with Light Trap is the first stage in your light deprivation ventilation system. Providing a controlled inlet for the outside air to enter your building while maintaining your controlled lighting needs.



- Housing designed so light trap mounts flush to the interior of the building freeing up valuable space in your facility and eliminating a protruding ledge that can collect debris and possible pathogens
- Nylon clips allow for easy and toolless light trap removal for cleaning and maintenance

Part#	Volts	Hz	Air Inflow Rate		Inlet Opening	Rough Opening
			CFM @ 0.10 SP	CFM @ 0.15 SP		
LD36	115/230	60	6,048	7,533	36" x 36"	41" x 41"
LD42	115/230	60	8,232	10,253	42" x 42"	47¼" x 47¼"
LD48	115/230	60	10,752	13,392	48" x 48"	53" x 53"
LD54	115/230	60	13,608	16,949	54" x 54"	59" x 59"
LD60	115/230	60	16,800	20,295	60" x 60"	65" x 65"

WM Light Dep Exhaust Fan



See all sizes for the
WM Light Dep

Using light deprivation to control growth cycles is a trending strategy for growers.

- Without the proper ventilation during the light deprivation stage, heat, mold, and disease can quickly destroy your production
- Full range of sizes - even for small operations
- System mounts flush to the interior of the building freeing up valuable space in your house and eliminating a protruding ledge that can collect debris and possible pathogens
- Performance data is for fan with light trap



Belt and direct drive options available

Light trap not pictured



VF55GGLT3 - 55" Belt Drive

**24,283 CFM
@ 0.10" SP**

Light trap not pictured



30" Direct Drive

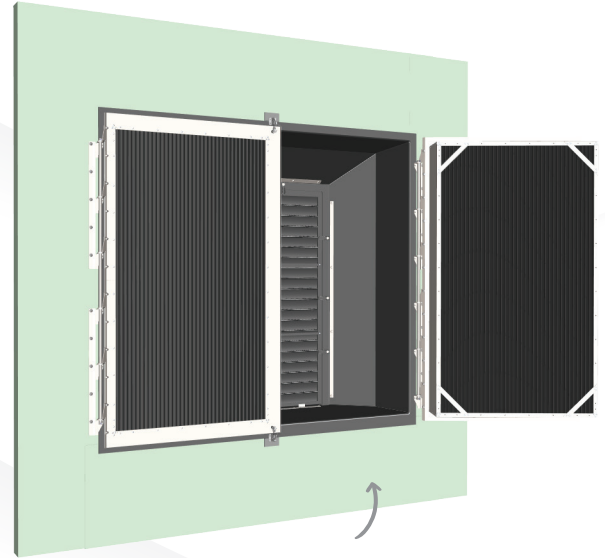


Light Trap Combination System (LTCS)

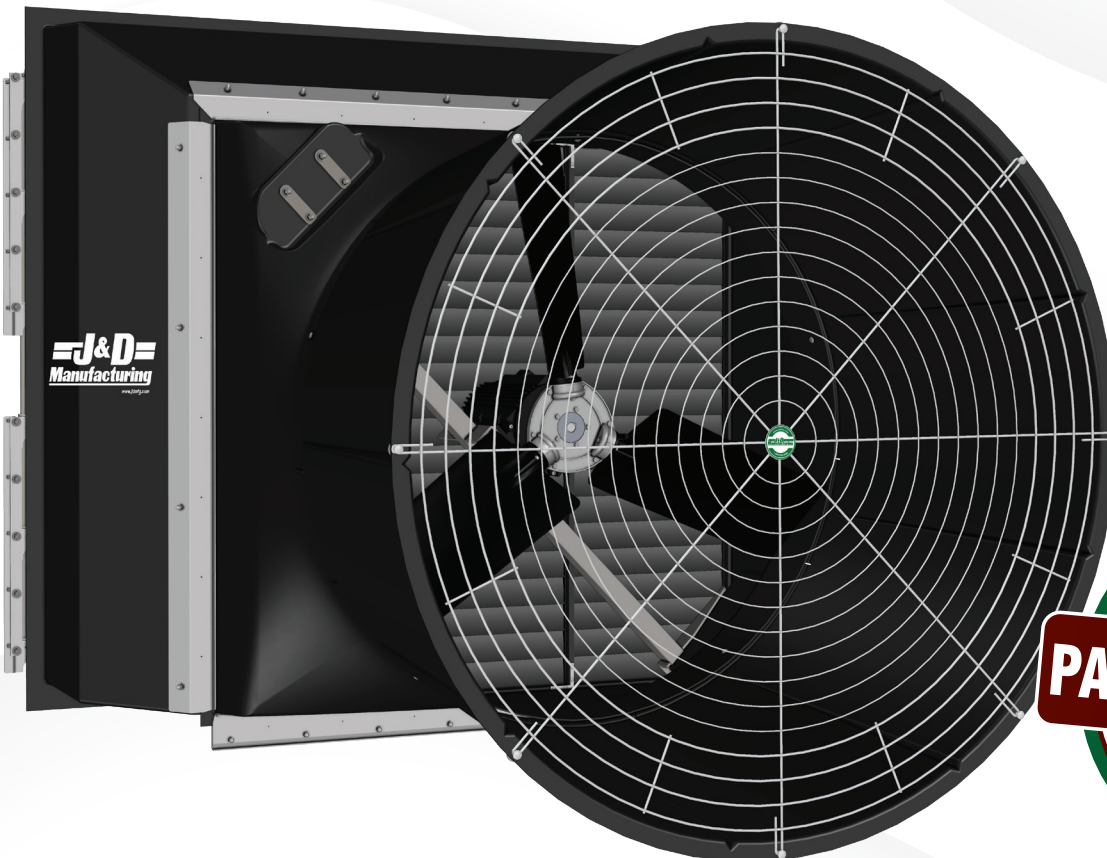
Light Trap + Transition + Fan

Having a light deprivation strategy is imperative for cage-free poultry operations.

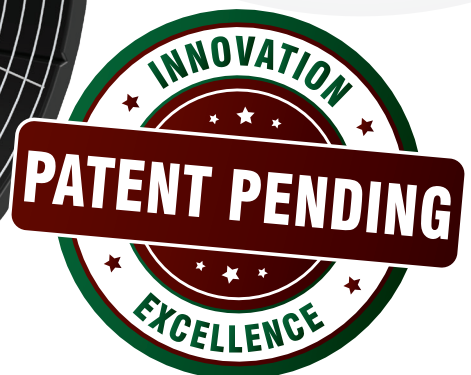
- 36" & 55" Systems available
- Light trap doors hinged for easy access and cleaning
- System mounts flush to interior wall
- Constructed of durable fiberglass ensuring a future free of rust and corrosion



**SYSTEM ON INTERIOR OF BUILDING
- MOUNTS FLUSH!**
**HINGED DOORS TO EASILY OPEN
AND KEEP CLOSED**



**29,290 CFM
@ 0.10" SP**





Light Trap Combination System Exterior



*Learn more about
the Light Trap
Combination System*

Light Trap Combination System Interior

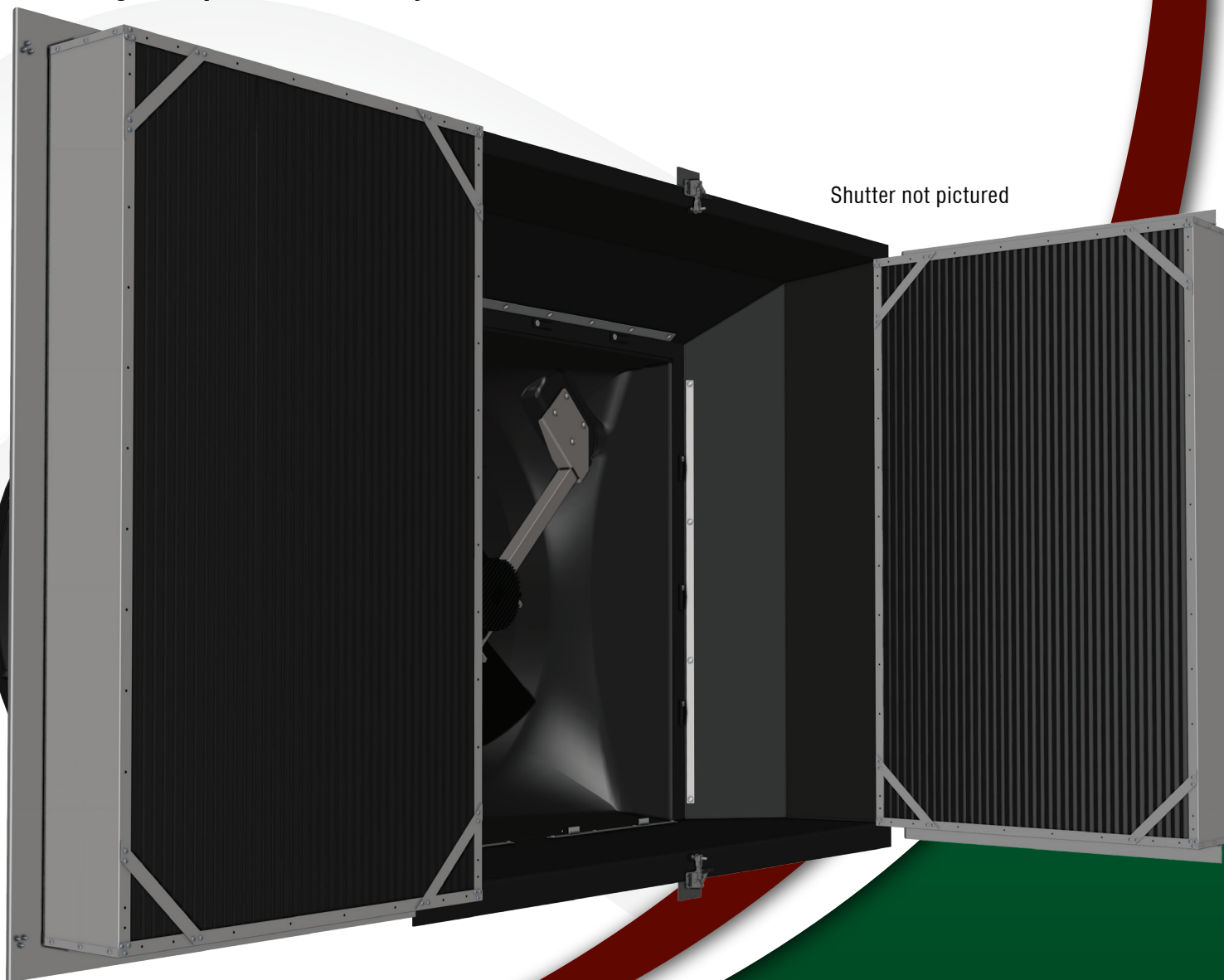


WM Light Dep Interior



WM Light Dep Exterior

Light Trap Combination System



Shutter not pictured

J&D **Manufacturing**

6200 US-HWY 12, EAU CLAIRE, WISCONSIN 54701



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