

# Light Trap Combination System

We provide tested data on each of our Light Trap Combination Systems, making it easy to design and meet your ventilation needs with confidence.

## RELIABLE SYSTEM DATA

- No more tough calculations
- No more guesswork
- No more estimates

## Features

### Transition

- Allows for a larger light trap maximizing airflow to the exhaust fan
- Mounts flush to interior wall eliminating obstructions and surfaces for debris to collect on
- Provides for an easy exterior mounting of the exhaust fan reducing interference with interior activity
- Constructed of durable fiberglass ensuring a future free of rust and corrosion

### Light Trap

- Light trap profiles are matte black, contoured, and assembled to minimize light reflection
- Light trap panel components are molded from chemical-resistant PVC and able to withstand high pressure washing
- **Light trap doors are hinged to allow for easy access for cleaning and maintenance of all components of the system**
- The stainless-steel light trap door frame secures and protects the fully assembled light trap panel

### Exhaust Fans

- Two sizes to choose from, 36" or 55"
- Fiberglass housing and poly cone will never rust or rot
- Slant wall housing for more efficient airflow
- Heavy gauge guard is hot dip galvanized after welding
- Choose poly or aluminum shutters

**Don't waste space and money building a light trap wall**



36" Light Trap Combination System



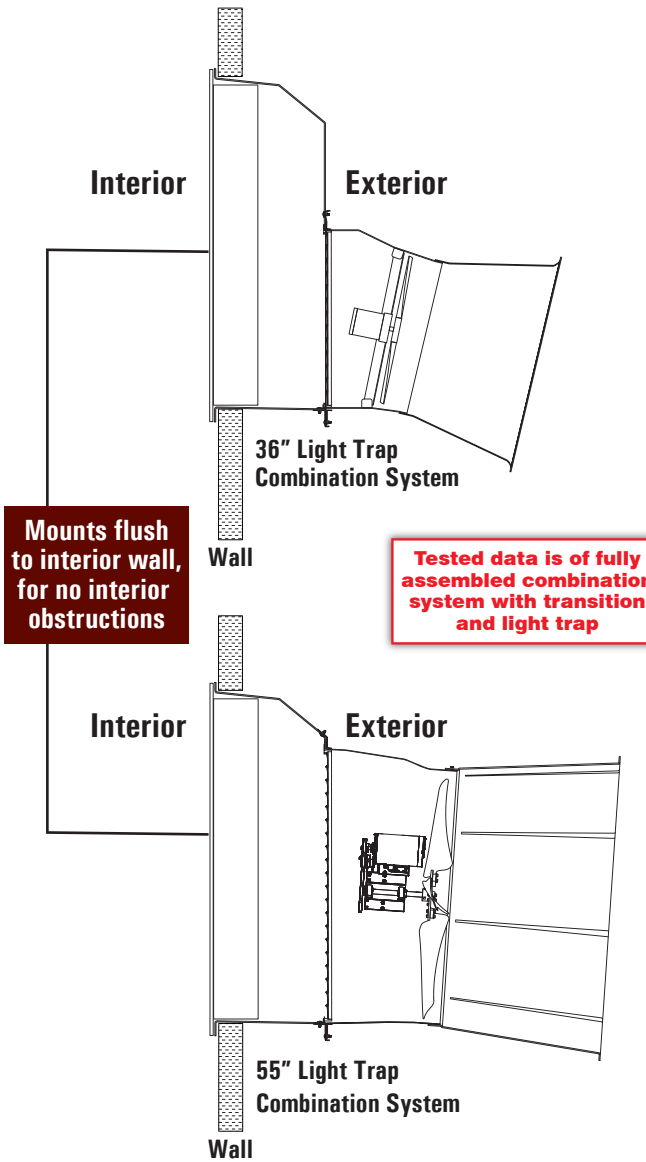
55" Light Trap Combination System



Hinged light trap doors make maintenance easy

**⚠ WARNING:** This product can expose you to chemicals including chromium, 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).

# Light Trap Combination Systems



Part #	Size	Ph	Spd	@ 0.10" SP		Drive	Prop	
				CFM	CFM/Watt			
<b>55" Exhaust Fan</b>								
<b>Single Phase</b>								
<b>Poly Shutter</b>								
VSTP55A3C21-SL	55"	1	1	<b>23,418</b>	<b>12.1</b>	Belt	3-CA	
VSTP55P3CPM221A-SL	55"	1	1/Var <sup>^</sup>	100%	<b>28,079</b>	<b>12.4</b>	PM-D	3-Nyl
				90%	<b>24,261</b>	<b>14.6</b>		
				80%	<b>20,411</b>	<b>17.0</b>		
				70%	<b>16,762</b>	<b>19.2</b>		
				60%	<b>11,830</b>	<b>21.2</b>		
<b>Aluminum Shutter</b>								
VSTA55A3C21-SL	55"	1	1	<b>24,740</b>	<b>13.0</b>	Belt	3-CA	
* VSTA55P3CPM221A-SL	55"	1	1/Var <sup>^</sup>	100%	<b>29,290</b>	<b>13.3</b>	PM-D	3-Nyl
* VSTA55P3CPM221A-SL	55"	1	1/Var <sup>^</sup>	90%	<b>25,181</b>	<b>16.0</b>		
				80%	<b>21,726</b>	<b>19.3</b>		
				70%	<b>18,746</b>	<b>22.2</b>		
				60%	<b>13,579</b>	<b>26.1</b>		
<b>Three Phase</b>								
<b>Poly Shutter</b>								
VSTP55A3C23-SL	55"	3	1	<b>24,528</b>	<b>12.2</b>	Belt	3-CA	
VSTP55P3CPM223B-SL	55"	3	1/Var <sup>^</sup>	100%	<b>28,526</b>	<b>12.2</b>	PM-D	3-Nyl
				90%	<b>24,274</b>	<b>14.3</b>		
				80%	<b>20,394</b>	<b>17.1</b>		
				70%	<b>16,218</b>	<b>19.7</b>		
				60%	<b>11,738</b>	<b>21.8</b>		
VSTP55P3CPM223C-SL	55"	3	1/Var <sup>^</sup>	100%	<b>27,925</b>	<b>12.2</b>	PM-D	3-Nyl
				90%	<b>24,211</b>	<b>14.0</b>		
				80%	<b>20,187</b>	<b>16.9</b>		
				70%	<b>16,325</b>	<b>19.2</b>		
				60%	<b>11,831</b>	<b>20.9</b>		
<b>Aluminum Shutter</b>								
VSTA55A3C23-SL	55"	3	1	<b>26,365</b>	<b>13.3</b>	Belt	3-CA	
VSTA55P3CPM223B-SL	55"	3	1/Var <sup>^</sup>	100%	<b>29,245</b>	<b>13.1</b>	PM-D	3-Nyl
				90%	<b>25,247</b>	<b>15.9</b>		
				80%	<b>21,745</b>	<b>19.2</b>		
				70%	<b>17,983</b>	<b>22.9</b>		
				60%	<b>12,956</b>	<b>25.4</b>		
* VSTA55P3CPM223C-SL	55"	3	1/Var <sup>^</sup>	100%	<b>27,889</b>	<b>13.8</b>	PM-D	3-Nyl
* VSTA55P3CPM223C-SL	55"	3	1/Var <sup>^</sup>	90%	<b>25,647</b>	<b>15.2</b>		
				80%	<b>21,902</b>	<b>18.8</b>		
				70%	<b>18,265</b>	<b>22.5</b>		
				60%	<b>13,929</b>	<b>25.5</b>		
<b>55" Transition</b>								
TRANSITION-55	Transition, Fiberglass Light Trap, for 55" VST Light Trap Exhaust Fans, with Fan Mounting Brackets							
<b>Light Trap</b>								
LTH8370	Light Trap Door Assembly, with Stainless-Steel Frame (set of 2)							

Part #	Size	Ph	Spd	@ 0.10" SP		Drive	Prop
				CFM	CFM/Watt		
<b>36" Exhaust Fans</b>							
<b>Three Phase</b>							
<b>Poly Shutter</b>							
VFTP36NC3	36"	3	1	<b>12,369</b>	<b>11.3</b>	Direct	2-Nyl
<b>Aluminum Shutter</b>							
VFTA36NC3	36"	3	1	<b>13,340</b>	<b>12.5</b>	Direct	2-Nyl
<b>36" Transition</b>							
TRANSITION-36	Transition, Fiberglass Light Trap, for 36" VFT Light Trap Exhaust Fans, with Fan Mounting Brackets						
<b>Light Trap</b>							
LTH8370	Light Trap Door Assembly, with Stainless-Steel Frame (set of 2)						

\* Best sellers/recommended models

<sup>^</sup> Variable speed fans require separate variable speed control to adjust fan speed

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

**Rough Opening for 36" and 55" Systems: 84¼"W x 72"H**

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