



# PLASTIC LIGHT TRAP



- **High Light Reduction**  
Black-out tested at BESS Labs at a light reduction factor of 28,000,000:1.
- **Low Air Flow Resistance**  
Less area required to maintain good ventilation rates and lower fan operating pressures.
- **High Corrosion Resistance**  
Plastic profiles with painted galvanized steel frame provide years of maintenance free service.
- **Low Cost Installation**  
Designed to facilitate ease of installation.
- **Streamline Baffles**  
Reduces the chance for clogging air passage.
- **Special Application Sizes**  
Special sizes for Fan-Jets and perimeter inlets available.
- **Existing Building Application**  
No additional or extra horsepower required.
- **Vertical Baffles**  
Allows for simple cleaning.

"BLACK-OUT" PLASTIC PROFILE LIGHT TRAPS					
LTP FOR TUNNEL INLET			LTPF FOR FAN		
Model Number	Height X Width (in.)	Square Feet	Model Number	Height x Width (in.)	Square Feet
LTP0945	9 x 45	2.8	LTPF2424	24 x 24	4
LTP2424	24 x 24	4	LTPF3636	36 x 36	9
LTP2436	24 x 36	6	LTPF4242	42 x 42	12.25
LTP2448	24 x 48	8	LTPF4848	48 x 48	16
LTP2460	24 x 60	10	LTPF6060	60 x 60	25
LTP3624	36 x 24	6	LTPF6358	62.5 x 57.75	25
LTP3636	36 x 36	9	LTPF7260	72 x 60	30
LTP3648	36 x 48	12	LTPF7272	72 x 72	36
LTP3660	36 x 60	15	* LTPI INLET LIGHT TRAPS		
LTP4824	48 x 24	8	Model Number	Width x Height (in.)	Square Feet
LTP4836	48 x 36	12	LTPI1818	18.75 x 19	2.47
LTP4848	48 x 48	16	LTPI2626	27 x 27	5.06
LTP4860	48 x 60	20	LTPI3333	33.75 x 34	7.97
LTP6024	60 x 24	10	LTPI4040	40.5 x 41	11.53
LTP6036	60 x 36	15	LTPI6318	63 x 19	8.31
LTP6048	60 x 48	20	LTPI6340	63 x 41	17.94
LTP6056	60 x 56	23	LTPI6362	63 x 63	27.56
LTP6060	60 x 60	25			

**NOTE:** The first two digits of LTP & LTPF model numbers represent "open area" height, the last two digits represent "open area" width. Height x width and square feet are also of "open area."

**\*WARNING:** LTPI-Inlet Light Trap model numbers are reversed to match their corresponding shutter model numbers. The first two digits represent the shutter width, the last two represent the shutter height.

For "rough opening" and O.D. Dimensions, see appropriate installation instructions.

See Brown-Out Sizes on Page 2.

**"BROWN-OUT" PLASTIC PROFILE LIGHT TRAPS**

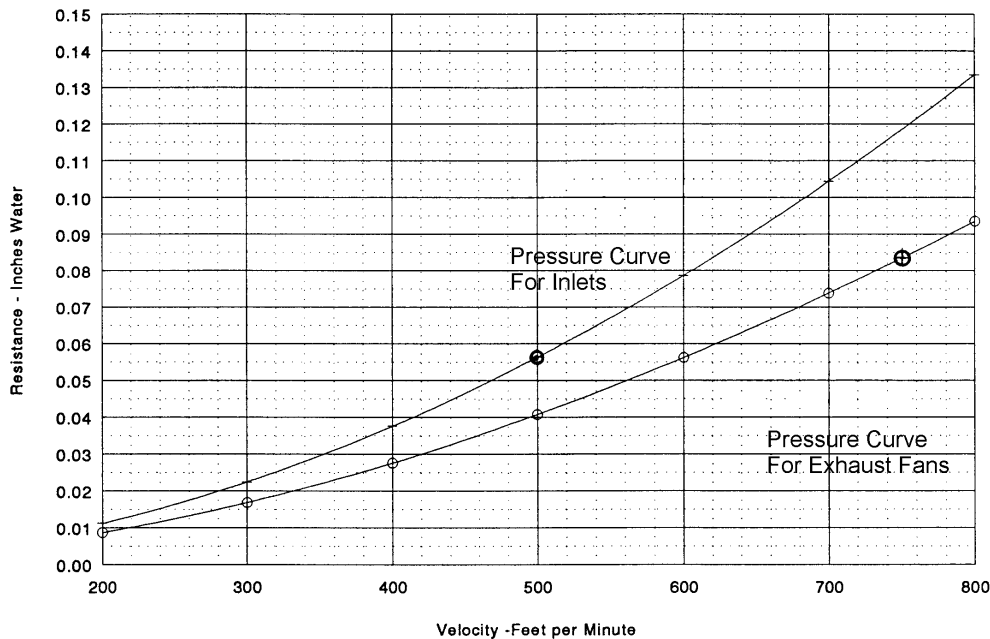
LTP-I FOR INLET		
Model Number	Height x Width (in.)	Square Feet
LTP0945-1	9 x 45	2.8
LTP2436-1	24 x 36	6
LTP2448-1	24 x 48	8
LTP2460-1	24 x 60	10
LTP3624-1	36 x 24	6
LTP3636-1	36 x 36	9
LTP3648-1	36 x 48	12
LTP3660-1	36 x 60	15
LTP4824-1	48 x 24	8
LTP4836-1	48 x 36	12
LTP4848-1	48 x 48	16
LTP4860-1	48 x 60	20
LTP6024-1	60 x 24	10
LTP6036-1	60 x 36	15
LTP6048-1	60 x 48	20
LTP6060-1	60 x 60	25

LTPF-1 FOR FANS		
Model Number	Height x Width (in.)	Square Feet
LTPF3636-1	36 x 36	9
LTPF4242-1	42 x 42	12.25
LTPF4848-1	48 x 48	16
LTPF6060-1	60 x 60	25
LTPF7272-1	72 x 72	36
* LTPI - INLET LIGHT TRAPS		
Model Number	Width x Height (in.)	Square Feet
LTPI1818-1	18.75 x 19	2.47
LTPI2626-1	27 x 27	5.06
LTPI3333-1	33.75 x 34	7.97
LTPI4040-1	40.5 x 41	11.53
LTPI6318-1	63 x 19	8.31
LTPI6340-1	63 x 41	17.94
LTPI6362-1	63 x 63	27.56

**NOTE:** The first two digits of LTP & LTPF model numbers represent "open area" height; the last two digits represent "open area" width. Height x width and square feet are also of "open area."

**\*WARNING:** LTPI-Inlet Light Trap model numbers are reversed to match their corresponding shutter model numbers. The first two digits represent the shutter width; the last two represent the shutter height.

For "rough opening" and O.D. Dimensions, see appropriate installation instructions.



- ☉ **LIGHT TRAPS FOR INLETS** - should be selected at 500 fpm velocity.  
 Example: Total CFM for inlet is 100,000 cfm  
 $100,000 \div 500 = 200$  sq. ft.  
 10 - LTP4860 = 200 sq. ft. Or approx. 4' x 50' opening  
 or two 4' x 25' openings.

- LIGHT TRAPS FOR EXHAUST FANS** - should be selected at 750 fpm velocity and the smallest dimension of the light trap should not be less than the dimension of the inlet to the fan.  
 Example: DC48J = 19,000 CFM @ .125" S.P.  
 $19,000 \div 750 = 25$  sq. ft. of light trap.  
 LTPF6060 = 25 sq. ft. and is 60" x 60" for a 48" fan.

The products shown on this brochure are covered by a limited warranty. For a complete copy of the warranty statement, see MS149 or write to Acme Engineering & Manufacturing Corp., P.O. Box 978, Muskogee, OK 74402.