

PERFORMANCE DATA:

MODEL: 5420

Double Side • 24" Long Light Troffer • 5" Round Inlet • Top Inlet

Airflow, CFM	60	70	80	100	120	140	160	180	200
Total Pressure	.070	.100	.120	.170	.250	.340	.370	.410	.450
Static Pressure	.060	.090	.100	.140	.200	.260	.280	.300	.310
Noise Criteria	–	23	26	30	34	36	40	41	42
Throw	2-4	2-5	3-7	4-8	5-9	5-10	6-11	7-12	7-12

Double Side • 48" and 60" Long Light Troffer • 8" Round Inlet • Top Inlet

Airflow, CFM	60	80	100	120	140	160	180	200	220
Total Pressure	.030	.070	.080	.090	.130	.180	.230	.270	.350
Static Pressure	.030	.060	.070	.080	.120	.170	.210	.250	.320
Noise Criteria	–	–	–	18	23	26	28	29	35
Throw	1-3	2-5	3-6	4-7	4-8	5-9	5-11	6-13	7-15

Double Side • 24" Long Light Troffer • 6" Oval Inlet • Side Inlet

Airflow, CFM	60	70	80	100	120	140	160	180	200
Total Pressure	.080	.110	.120	.170	.250	.320	.350	.370	.400
Static Pressure	.070	.100	.110	.150	.230	.290	.310	.320	.340
Noise Criteria	22	25	27	33	35	37	42	43	45
Throw	2-4	2-5	3-7	4-8	5-9	5-10	6-11	7-12	7-12

Double Side • 48" and 60" Long Light Troffer • 6" Oval Inlet • Side Inlet

Airflow, CFM	60	80	100	120	140	160	180	200	220
Total Pressure	.040	.070	.090	.110	.160	.210	.280	.330	.410
Static Pressure	.030	.060	.080	.090	.140	.180	.240	.280	.352
Noise Criteria	–	–	–	22	27	29	32	34	37
Throw	1-3	2-5	3-6	4-7	4-8	5-9	5-11	6-13	7-15

Performance Notes:

- Performance data is based on typical samples of light troffers. Performance may vary with other makes and models of light troffers.
- Throws are given at 150 and 50 fpm terminal velocities, under isothermal conditions.
- All pressures are in inches w.g..
- Noise Criteria [NC] values based on a room absorption of 10 dB, re 10⁻¹² watts. Dash (–) in space denotes an Noise Criteria level less than 15.
- Data derived from independent tests conducted in accordance with ANSI/ASHRAE Standard 70-2006.

Length in feet	Ak Factor per foot	
	Single	Double
2	.057	.093
3	.089	.145
4	.120	.197