

## *Why should you buy a High Performance Grille?*

Take a moment to compare the differences and find out why **LAWRENCE Model PG and PT High Performance Grilles** are an **ADVANTAGE!**

The **Model PG** is the first truly high performance grille – designed to operate for **500,000** cycles **Plus** an average operating speed of **24 inches per second** to open, **12 inches per second** to close

The **Model PT** High Performance **Tight-Coil** Grille combines cycle life and speed features of the Model PG with a patent pending **low headroom design** that fits into as little as 12" clearance.

<b>Product Features</b>	<b>Traditional Rolling Grille<sup>1</sup></b>	<b>LAWRENCE High Performance Grilles</b>	<b>LAWRENCE High Performance <u>ADVANTAGE!</u></b>
CYCLE LIFE	20,000 cycles	500,000 cycles	<i>Designed to last 25 times longer</i>
WARRANTY	2 years / 20,000 cycles	2 years on grille, 5 years on motor operator / 500,000 cycles <sup>2</sup>	<i>Superior performance... superior warranty</i>
BARREL DESIGN	Torsion springs	Spring-less design	<i>No springs to wear out or break – eliminates cost of barrel repairs and resulting down time</i>
GRILLE CURTAIN LINKS	3-hole links (single 1/8" thick links alternating with double 1/16" thick links)	<b>PG</b> – 2-hole heavy straight links (all links 3/16" thick) <b>PT</b> – 2-hole curved links (13/16" wide x 5/32" thick)	<i>Thicker links better withstand repeated coiling of the curtain on itself; Shorter links are more resistant to bending; Curved links allow tighter coiling</i>
GRILLE CURTAIN RODS	Spaced on 2" centers	<b>PG</b> – spaced on 1 1/2" centers <b>PT</b> – spaced on 2" centers	<i>PG spacing provides greater strength and security; PT spacing allows tighter coiling</i>
ROD END SLEEVES	Aluminum sleeves on every other rod between end links	Stainless steel sleeves on every rod between end links	<i>Stainless steel sleeves provide superior wear surface where curtain travels in the guides</i>
ROD ENDS	Cotter pins on ends of sleeved rods; Retaining rings on ends of other rods	Cotter pins on ends of all rods	<i>Ends of all rods are mechanically secured to better maintain curtain alignment</i>
GUIDES	1/8" thick extruded aluminum channels with HDPE wear strip inserts	3/16" thick oversize steel U-channels with replaceable extruded UHMW wear strips	<i>Oversize guides proving better operating clearance at higher speed; Steel guides are more durable than aluminum; Extruded UHMW wear strips are designed to last longer</i>
WALL ANGLES	3/16" thick steel wall angles	1/4" thick steel wall angles	<i>Heavier wall angles provide more rigid mounting for very high frequency / high speed use</i>
MOTOR OPERATOR	1/2 HP inline gear drive motor operator	2 HP minimum high efficiency inline gear drive motor operator; Variable speed controller with soft start/stop feature; Integral speed governor	<i>Complete assembly is designed specifically for very high frequency / high speed use; Variable speed allows grille to open fast but close at slower, safer speed; Soft start/stop extends life by slowing grille before full open and close to reduce shock loads; Governor prevents curtain free-fall in unlikely event of operator component failure</i>
OPERATING SPEED	Approx. 6" to 8" per second to open and close	Approx. 24" per second to open, 12" per second to close	<i>Opens 3 to 4 times faster and closes 1½ to 2 times faster than traditional rolling grilles – plus enhanced safety features are included</i>
COST <sup>3</sup>	\$\$	<b>PG</b> – \$\$\$\$\$ / <b>PT</b> – \$\$\$\$\$	<b><u>Superb value</u></b> – 25 times the life for about 2½ to 3 times the price

<sup>1</sup> Features listed are for a Lawrence HG Grille and may exceed what can be expected on many other types of traditional rolling grilles.

<sup>2</sup> Additional warranty conditions apply.

<sup>3</sup> Cost comparison based on estimated initial cost for a 20' wide x 8' high grille, clear anodized finish, galvanized steel hood, monitored sensing edge, reclose timer, cycle counter, sales tax, and installation (not including power or control wiring).