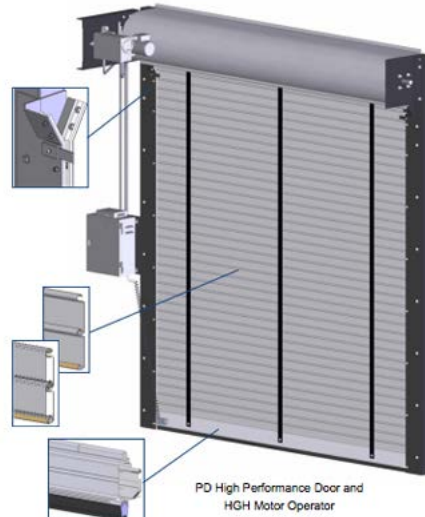


High-Speed & High-Performance Commercial Doors

Date reviewed: 01/04/2016

Description of Technology		Energy Saving Opportunity	
<p>An automated high-speed rolling door that opens and closes at a much faster speed than conventional doors. It is integrated with sensor for automated door operation. The savings come from a reduction in heating and cooling needs for the conditioned space due to reduction in air flow in and out of the facility.</p>	Sector(s):	<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Commercial & Industrial
	Applicability Criteria:	Facilities with different climate requirements	
	Efficiency Improvement:	Reduction in air filtration	
	Energy (%) Savings Potential:	Highly variable	
	Demand (%) Reduction Potential:	Highly variable	
Strengths		Weakness	
<ul style="list-style-type: none"> Eliminates the need for manual operation of opening and closing doors Most manual doors are left open for convenience causing sever energy loss, with an automated process, doors are only opened when needed The simplicity offers reliability and security 		<ul style="list-style-type: none"> Concerns regarding the sensors failing, therefore door does not open and close when needed Concerns with control panels Concerns with additional energy used by motors to open and close door, however it is negligible when used in the right condition 	
Third Party Analysis/ Previous MTAC Reviews		Suppliers Known to MTAC	MTAC Status
<p>High Performance Door Report White Paper by The Weidt Group</p>		<p>Rytec Doors</p> <p>Overhead Door Corp</p> <p>Horman LLC</p> <p>AMARR Company</p>	<p>Acknowledged to have energy savings potential and referred to individual PA for their own EE program consideration</p>
Market Development Issues			
Cost:	\$1000 - \$2500		
Market Risk and Barriers:	None		
Time to Market:	Currently on market		
Simple Pay-back: (Years)	<1		
 <p>PD High Performance Door and HGH Motor Operator</p>			