



**CLEARANCE REQUIREMENTS**

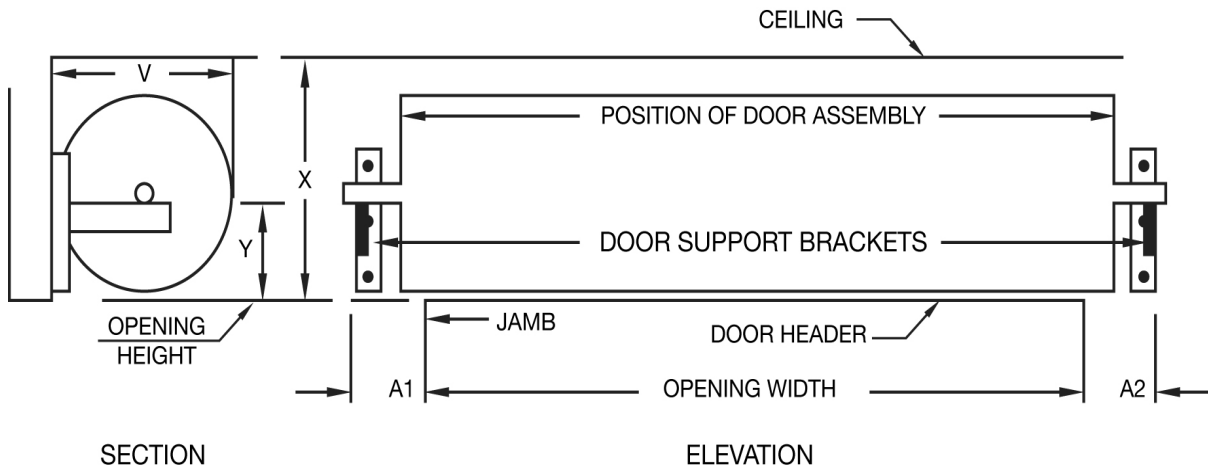
**MODELS 201, 201HD, 202, 202HD, 203, 204, and 205**

<b>DIMENSION PANEL (MINIMUM HEIGHTS INDICATED)</b>						
	<b>HEIGHT</b>	<b>*A-1</b>	<b>*A-2</b>	<b>X</b>	<b>Y</b>	<b>V</b>
<b>MANUAL/ PUSH-UP ROPE</b>	<b>UP TO 8'</b>	<b>6"</b>	<b>6"</b>	<b>20"</b>	<b>9 ½"</b>	<b>20"</b>
	<b>UP TO 10'</b>	<b>6"</b>	<b>6"</b>	<b>21"</b>	<b>10"</b>	<b>21"</b>
<b>REDUCTION GEAR CHAIN HOIST OR ELECTRIC OPERATOR</b>	<b>UP TO 8'</b>	<b>6"</b>	<b>9"</b>	<b>20"</b>	<b>10"</b>	<b>20"</b>
	<b>UP TO 10'</b>	<b>6"</b>	<b>9"</b>	<b>21"</b>	<b>11"</b>	<b>21"</b>
	<b>UP TO 16'</b>	<b>6"</b>	<b>9"</b>	<b>23"</b>	<b>11"</b>	<b>23"</b>
	<b>UP TO 20'</b>	<b>7"</b>	<b>10"</b>	<b>24"</b>	<b>12"</b>	<b>24"</b>
* <b>SIDE ROOM</b> - FOR MODELS 201HD, 202HD, 203, 204, AND 205 ADD 1" TO A-1 AND A-2 DIMENSION FOR UP TO 16' HIGH (UP TO 20' ALREADY INCLUDED)						
A-2* DIMENSIONS IS CLEARANCE DIMENSION FOR EITHER CHAIN HOIST OR MOTOR OPERATOR REGARDING BRACKET POSITION ONLY. DIMENSION DOES NOT INCLUDE OPERATOR ITSELF.						

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**MODEL 190, 190W, 192, 193, 193-14, and 194**

	<b>HEIGHT</b>	<b>A-1</b>	<b>A-2</b>	<b>X</b>	<b>V</b>
<b>MANUAL/ PUSH-UP ROPE</b>	<b>UP TO 8'</b>	<b>7"</b>	<b>5"</b>	<b>16"</b>	<b>17"</b>
	<b>UP TO 10'</b>	<b>7"</b>	<b>5"</b>	<b>18"</b>	<b>18"</b>



**CEILING:** LOCATE DIMENSIONS AND CLEARANCE ON DIMENSION PANEL. STANDING ON THE INSIDE FACING OUT. DRIVE TYPE IS ON RIGHT SIDE UNLESS OTHERWISE SPECIFIED.

**CLEARANCE REQUIREMENTS**

**MODEL 281, 281W, 282, 283, 283-14, 284**

	<b>HEIGHT</b>	<b>A-1</b>	<b>A-2</b>	<b>X</b>	<b>V</b>
<b>MANUAL/ PUSH-UP ROPE</b>	<b>UP TO 8'</b>	<b>5"</b>	<b>5"</b>	<b>16"</b>	<b>17"</b>
	<b>UP TO 10'</b>	<b>5"</b>	<b>5"</b>	<b>17"</b>	<b>18"</b>