



General Operating Clearances

Aluminum Full View Models 451 & 452

Type	Headroom***		Sideroom**		Depth Into Room	Center Line of Springs	
	2" Track	3" Track	2" Track	3" Track	2" & 3" Track	2" Track	3" Track
Standard Lift Manual 12"R	13"-17"	NA	4.5"	5.5"	Opening Height +18"	Opening Height +12"	NA
Standard Lift Manual 15"R	15"-20"	15.5-21"				Opening Height +13"	Opening Height +14"
Standard Lift Motor Oper.12"R	15"-20"	NA			Opening Height +66"	Opening Height +12"	NA
Standard Lift Motor Oper.15"R	15"-20"	18-23.5"				Opening Height +13"	Opening Height +14"
High Lift Manual	High Lift +12"		24" One Side		Opening Height — Lift +30"	Opening Height +Lift +6.5"	Opening Height +Lift +7.5"
High Lift Motor Oper.							
Vertical Lift Manual	Door Height +20"		4.5"	5.5"	18"	Double Door Height+13"	
Vertical Lift Motor Oper.			24" One Side				
Low Headroom Manual*	6"-15"	6"-15"	6"	9"	Opening Height +20" to 26"	Does Not Apply	
Low Headroom Manual Oper.*	9"-17"	9"-17"			Opening Height +66"		

*Note: Springs must be rear mount to achieve minimum headroom listed. Front mount torsion headroom depends on drum size, and varies over the range listed. See Approval Drawing.

**Note: 8" sideroom required, one side, for doors with chain hoist.

***Note: Headroom for standard lift depends on drum size, and varies over the range listed. See Approval Drawing.