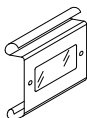


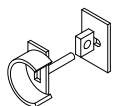
SPECIFICATIONS

CURTAIN	Interlocking galvanized steel Type '3' flat slats - 22 gauge to 16 ft. wide, 20 gauge over 16 ft. wide - with endlocks riveted to alternate slats and windlocks riveted to slats when required by 20 PSF windload design
BOTTOM BAR	T-shape aluminum extrusion - 4" wide base, 3/16" thick to 20' wide. Two 2" x 2" x 1/8" min. steel angles over 20' wide, with vinyl weatherstrip
GUIDES	Formed 3/16" steel U-channel guides and 3/16" min. steel wall angles bolted together and to wall with 3/8" min. fasteners 24" apart, with vinyl weatherstrip
BARREL	6 5/8" min. steel pipe and solid steel shaft with sealed precision bearing and torsion spring(s) designed for 20,000 operating cycles
BRACKETS	3/16" min. steel plates with sealed precision bearing on operator side and external tension adjustment wheel
HOOD	24 gauge min. galvanized steel, with vinyl weather baffle
OPERATION	Push-up to 8 ft. wide and 8 ft. high 22 gauge slats max. Chain hoist with cast iron reduction gears on larger sizes
LOCKS	Slide locks on coil side of bottom bar
FINISH	Baked-on primer and grey top coat on slats and hood, mill finish aluminum bottom bar, shop painted black primer on steel bottom bar, guides and brackets
WARRANTY	Two year limited warranty (excluding finish)

COMMON OPTIONS



Vision windows



High security guide mounted lock



Pedestrian pass door

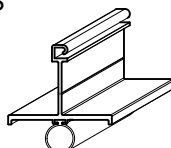
OTHER OPTIONS

- Designs for up to 100,000 operating cycles
- Aluminum or stainless steel doors
- Heavier gauge slats
- Tubular bottom bar with cylinder locks
- Sloping or irregular shaped bottom bars
- Galvanized or powder coat finishes

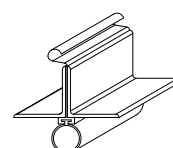
CURTAIN & BOTTOM BAR DETAILS



Type '3' Flat Slat

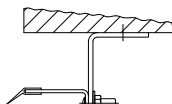


Aluminum Bottom Bar

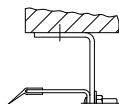


Steel Angle Bottom Bar

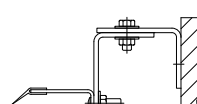
GUIDE DETAILS



Type 'Z' Guide



Type 'E' Guide

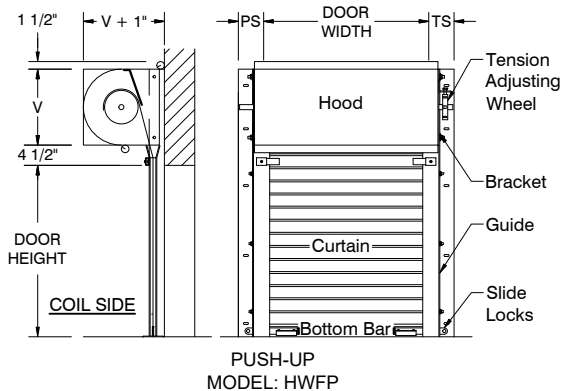


Between Jamb Guide



Tube Mount Guide*

CLEARANCES (typical face mount door shown)

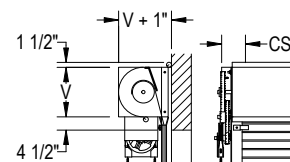


Clearances shown are for doors to 20 ft. wide, 16 ft. high
Consult factory for clearances on larger doors

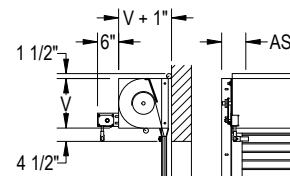
PS	CS	AS	MS	TS
6"	8 1/4"	7"	7"	7"

'V' for doors to 11 ft. high is 15"
'V' for doors over 11 ft. high is 17"

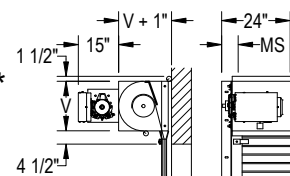
CHAIN HOIST
MODEL: HWFC



AWNING CRANK*
MODEL: HWFA
(To 16' wide, 10' high
150 sq. ft.)



MOTOR OPERATOR*
MODEL: HWFM



GENERAL NOTES:

Clearances are based upon standard door construction. Reduced clearances may be available. Some options may require additional clearance. Drive side shaft may need to be field cut to fit in clearances shown. Shop drawings for specific applications are available. Consult factory for any information not shown.

*Available as an option