

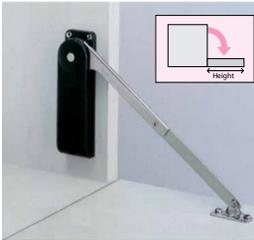


Soft & Smooth Movement

Provide the smoothest opening and closing system imaginable dampening device. As it opens and closes, it moves with quiet assurance and provide safety to your application with its revolutionary damper. Doors and lids will come down slowly and softly which eliminates slamming doors or smashed fingers.

Downward-Opening Lids

Secretary Desks * Keyboard Trays * Media Cabinets



Material, 3/4" (19 mm) thick	Density (lbs./sq.ft)
Particle board	3
MDF (Medium Density Fiberboard)	3.5
Plywood (Lumbercore)	2.5
Solid Wood (Oak, Beech, Ash, Birch, Elm, Maple)	2.7
Solid Wood (Red Pine, Red Cedar)	1.9

Above values are approximate. Please weigh lid for exact weight.

Torque Rating

$$\text{Door Weight} \times \text{Door Height} \div 2 = \text{Applied Torque}$$

Approximate lid weight can be calculated as follows

1. Calculate area of lid:
e.g) $28" \times 12" = 336 \text{ sq. in.}$
2. Convert to square ft. if needed:
e.g) $336 \text{ sq. in.} \div 144 = 2.33 \text{ sq. ft.}$
3. Select density factor from table on the left:
e.g) $3.5 \text{ lbs./sq. ft. for } 3/4" \text{ thick door (MDF)}$
4. Determine door weight:
e.g) $2.33 \text{ sq. ft.} \times 3.5 \text{ lbs./sq. ft.} = \underline{\underline{8.16 \text{ lbs.}}}$

Door Weight Range Table (Per pair, in lbs.)

Door Height (inches)	48100230	
	Min	Max
8	30.3	43.3
9	26.9	38.4
10	24.2	34.6
11	22.0	31.5
12	20.2	28.8
13	18.6	26.6
14	17.3	24.7
15	16.1	23.1
16	15.1	21.6
17	14.2	20.4
18	13.4	19.2
19	12.7	18.2
20	12.1	17.3
21	11.5	16.5
22	11.0	15.7
23	10.5	15.0
24	10.1	14.4
25	9.7	13.8
26	9.3	13.3
27	9.0	12.8
28	8.6	12.4