

**Table 2002.4 DESIGN WIND PRESSURES SCREENED ENCLOSURES  
(EXPOSURE B) USING EITHER 20/20 OR 18/14 Screen**

Surface	Screen Mesh	Basic Wind Speed (mph)					
		Design Pressures by Screen Cloth Density (psf)					
		100	110	120	130	140	146
Horizontal Pressures on Windward Surfaces	20/20	12	13	15	18	21	22.8
	18/14	10.6	11.4	13.2	15.8	18.5	20.1
Horizontal Pressures on Leeward Surfaces	20/20	9	10	13	14	15	16.8
	18/14	7.9	8.8	11.4	12.3	13.2	14.8
Vertical Pressures on Screen Surfaces	20/20	3	4	4	5	6	6.6
	18/14	2.6	3.5	3.5	4.4	5.3	5.8
Vertical Pressures on Solid	(na)	10	11	13	15	17	18.8

**Table 2002.4 DESIGN WIND PRESSURES SCREENED ENCLOSURES  
(EXPOSURE C at 15 ft Mean Roof Height) USING EITHER 20/20 OR 18/14 Screen**

Surface	Screen Mesh	Basic Wind Speed (mph)					
		Design Pressures by Screen Cloth Density (psf)					
		100	110	120	130	140	146
Horizontal Pressures on Windward Surfaces	20/20	14.6	15.5	18.1	21.5	24.9	29.8
	18/14	12.9	13.6	15.9	18.9	21.9	26.2
Horizontal Pressures on Leeward Surfaces	20/20	11.2	12.0	14.6	16.3	19.8	24.1
	18/14	9.8	10.6	12.9	14.4	17.4	21.2
Vertical Pressures on Screen Surfaces	20/20	4.3	4.3	5.2	6.0	6.9	8.2
	18/14	3.8	3.8	4.5	5.3	6.1	7.2
Vertical Pressures on Solid	(na)	12.0	12.9	15.5	18.1	20.6	25.1