

ENERGY SAVING PRODUCTS

VERTICAL IMPOST DESIGN LOAD CAPACITIES

FOR EXTRUDED ALUMINUM IMPOST (ESP-539) WHERE USED

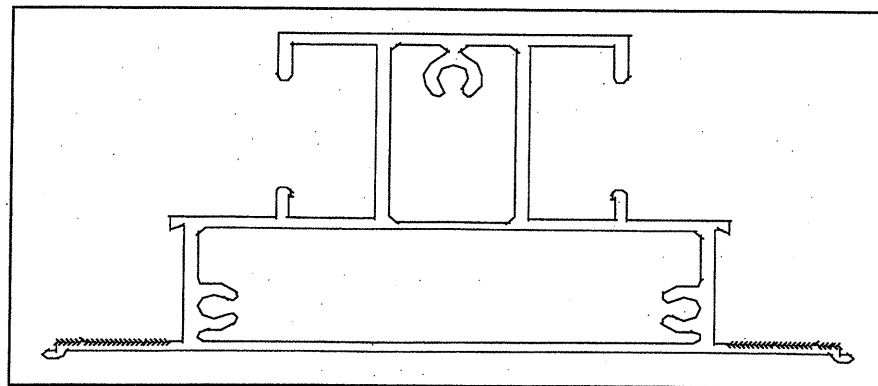
APPROXIMATE SIZE OF IMPOST : 3 1/2" x 1 25/32" DEEP x 1 9/16"

BETWEEN TWO SERIES 140/141 SINGLE HUNG ALUMINUM SASHES IN A COMMON FRAME.

Overall >	38.250	53.000	64.000	72.000	74.000	80.000	88.000	96.000	106.000
agl. Width >									
Height v									
26.000	428.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3	387.3
30.000	305.0	257.2	252.1	252.1	252.1	252.1	252.1	252.1	252.1
36.000	202.1	161.3	148.6	145.9	145.9	145.9	145.9	145.9	145.9
38.375	175.7	138.3	125.4	121.1	120.7	120.5	120.5	120.5	120.5
42.000	144.5	111.9	99.7	94.6	93.8	92.2	91.9	91.9	91.9
44.000	130.8	100.6	88.9	83.8	82.9	80.9	79.9	79.9	79.9
48.000	103.7	79.6	70.0	65.6	64.7	62.7	61.1	60.5	60.5
50.625	87.8	67.0	58.5	54.5	53.7	51.8	50.0	49.1	48.9
54.000	71.9	54.4	47.2	43.7	43.0	41.2	39.5	38.4	37.8
56.500	62.5	47.1	40.7	37.5	36.9	35.2	33.6	32.5	31.7
60.000	51.9	38.9	33.5	30.7	30.2	28.7	27.2	26.1	25.2
63.000	44.6	33.4	28.6	26.2	25.7	24.3	23.0	21.9	21.1
66.000	38.7	28.8	24.6	22.5	22.0	20.8	19.6	18.6	17.8
72.000	29.6	22.0	18.7	17.0	16.6	15.7	14.6	13.8	13.1
74.000	27.3	20.2	17.1	15.5	15.2	14.3	13.4	12.6	11.9

NOTES:

1. Chart applies ONLY to aluminum impost (ESP-539) when used between Energy Saving Products Series 140/141 aluminum single hung sashes in a common frame.
2. Read window width and height in inches.
3. Window width as shown on X axis of chart are for the overall window assembly width.
4. Chart is not limited to two sashes in a single frame, design load capacities apply to any number of sash units of sizes listed on chart, in a single frame.
5. Design pressure capacities listed on this chart are in PSF.
6. Impost is attached to common head and sill with three (3) #8 SMS approx. 3/4" long.



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