GB-067 Compost-sifting screen

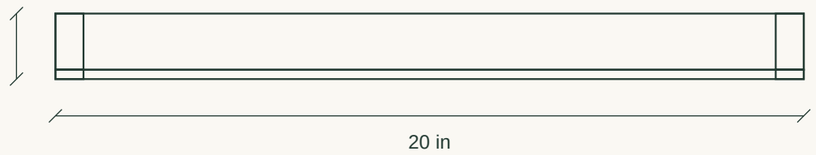
01 / OVERALL GEOMETRY | G1 | INCHES | NOT TO SCALE

TOP / X-Y DATUM



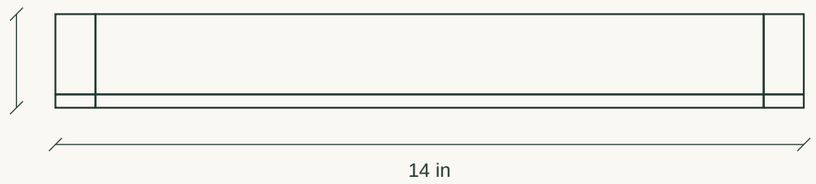
FRONT / X-Z

1.75 wood only



SIDE / Y-Z

1.75 wood only



READ THE DIMENSIONS, NOT THE DISPLAY SCALE

Views are original wireframe projections. Hidden edges may remain visible; schematic lines are not cutting paths. Stock is actual-size reference geometry, not a nominal lumber label.

HEIGHT LIMIT: 1.75 is the wood stack only. Mesh capture thickness and final total height are unresolved; the mesh plane is schematic.

SPECIFICATION

Revision: G1

Model units: inches

Drawing scale: not to scale

Publication: released 2026-10-11

GB-067 Compost-sifting screen

02 / PARTS AND CRITICAL DETAILS | G1 | INCHES | NOT TO SCALE

PART / CUT SCHEDULE

PART	QTY	FINISHED SIZE (IN)	STOCK / MATERIAL
L	2	20 x 1.5 x 0.75	1x2
E	2	12.5 x 1.5 x 0.75	1x2
CL	2	20 x 0.75 x 0.25	screen moulding
CE	2	12.5 x 0.75 x 0.25	screen moulding
M	1	19.75 x 13.75; wire thickness measured	1/4-inch-opening galvanized mesh; thickness measured at trial

FASTENER / HARDWARE SCHEDULE

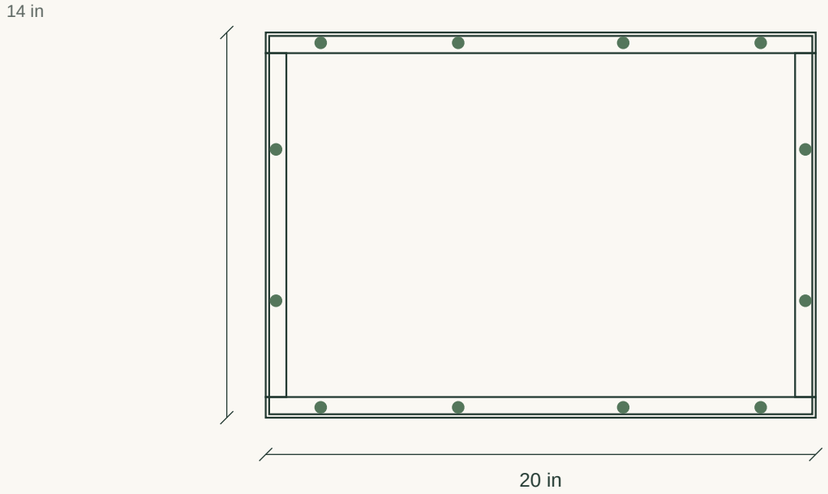
F1 | Qty 8 | #6 x 1-1/2 Type 316 stainless flat-head wood screw

F2 | Qty 12 | #6 x 3/4 Type 316 stainless flat-head wood screw

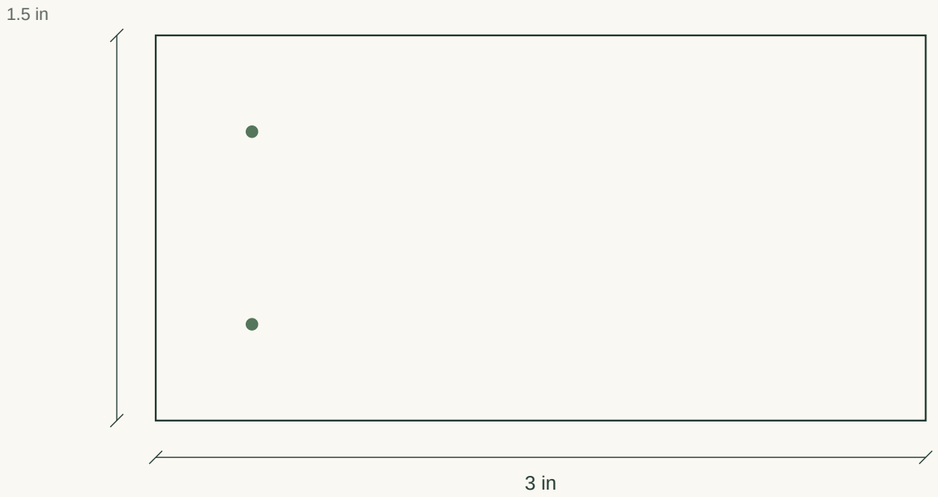
FIT AND CONNECTION NOTES

1. Frame end length: 14 - 2(0.75) = 12.5.
2. Corner screws: 0.375 from ends; rail heights 0.375 and 1.125.
3. Long retainers: x = 2, 7, 13, 18; short stations global y = 4.25, 9.75.
4. Mesh inset 0.125; minimum modeled capture overlap 0.625 each edge.
5. Mesh reference plane is schematic; finished total height requires measurement.

UNDERSIDE / 12 SHORT RETAINER SCREWS



PARTIAL LONG-RAIL END / CORNER SCREWS

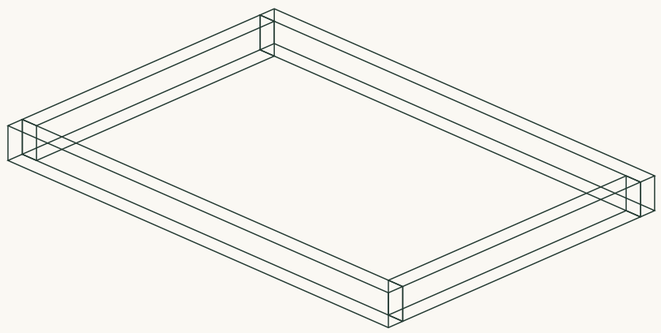


Green dots are screw or center locations, not head-size or strength claims. Consult the exact part datum and pilot instructions in the guide.

GB-067 Compost-sifting screen

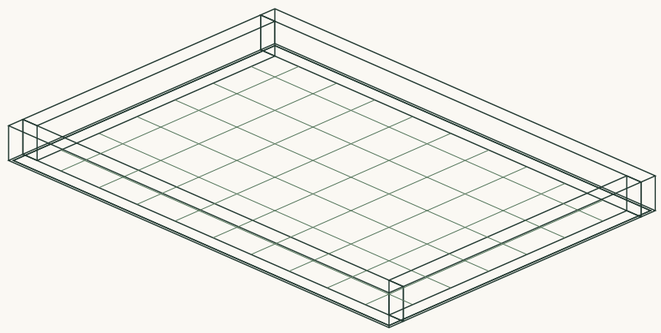
03 / ASSEMBLY STUDIES AND INSPECTION | G1 | INCHES | NOT TO SCALE

01



Square and screw the four-rail frame

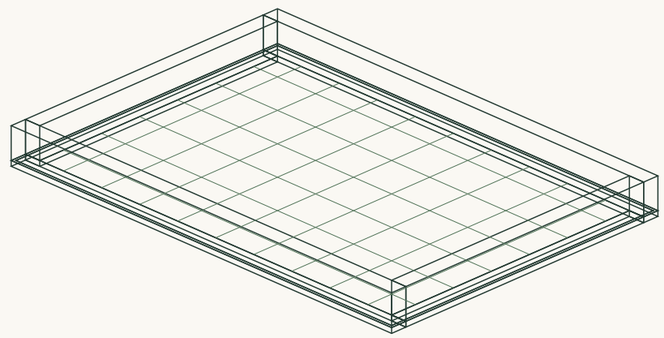
02



Mesh symbol only; actual opening is 1/4 inch.

Center mesh with an eighth-inch inset

03



Mesh symbol only; actual opening is 1/4 inch.

Fit four removable capture strips

ORIGINAL SCHEMATIC ASSEMBLY VIEWS - NOT REAL-WORK PHOTOGRAPHS

These studies explain part relationships only. They omit clamps, operators and some fasteners; a floating intermediate assembly is not an instruction to work without support. Use the numbered guide steps for safe workholding, pilots, assembly order and stop conditions.

BEFORE THE NEXT STEP

Frame end length: 14 - 2(0.75) = 12.5. Corner screws: 0.375 from ends; rail heights 0.375 and 1.125. Long retainers: x = 2, 7, 13, 18; short stations global y = 4.25, 9.75. Mesh inset 0.125; minimum modeled capture overlap 0.625 each edge. Mesh reference plane is schematic; finished total height requires measurement. Inspect the first actual joint or cut before repeating it. Recheck the drawings before cutting if you change any dimension.

Released without a prototype build: no physical trial, load test or supplier price check has been made.