

TBJ Model 49-80

(4) Chamber Small Animal Vented Isolation Unit (ref. dwg. R98078)

Description:

This unit is designed as a multi-purpose unit. Applications include a temporary holding area for quarantined animals awaiting diagnosis, an isolation area for prevention and treatment of disease, a ventilated holding area to reduce and eliminate odors associated with caged animals, physiological and nutrition stabilization of newly received animals, and to conduct clinical tests avoiding cross contamination.

Standard Design Features:

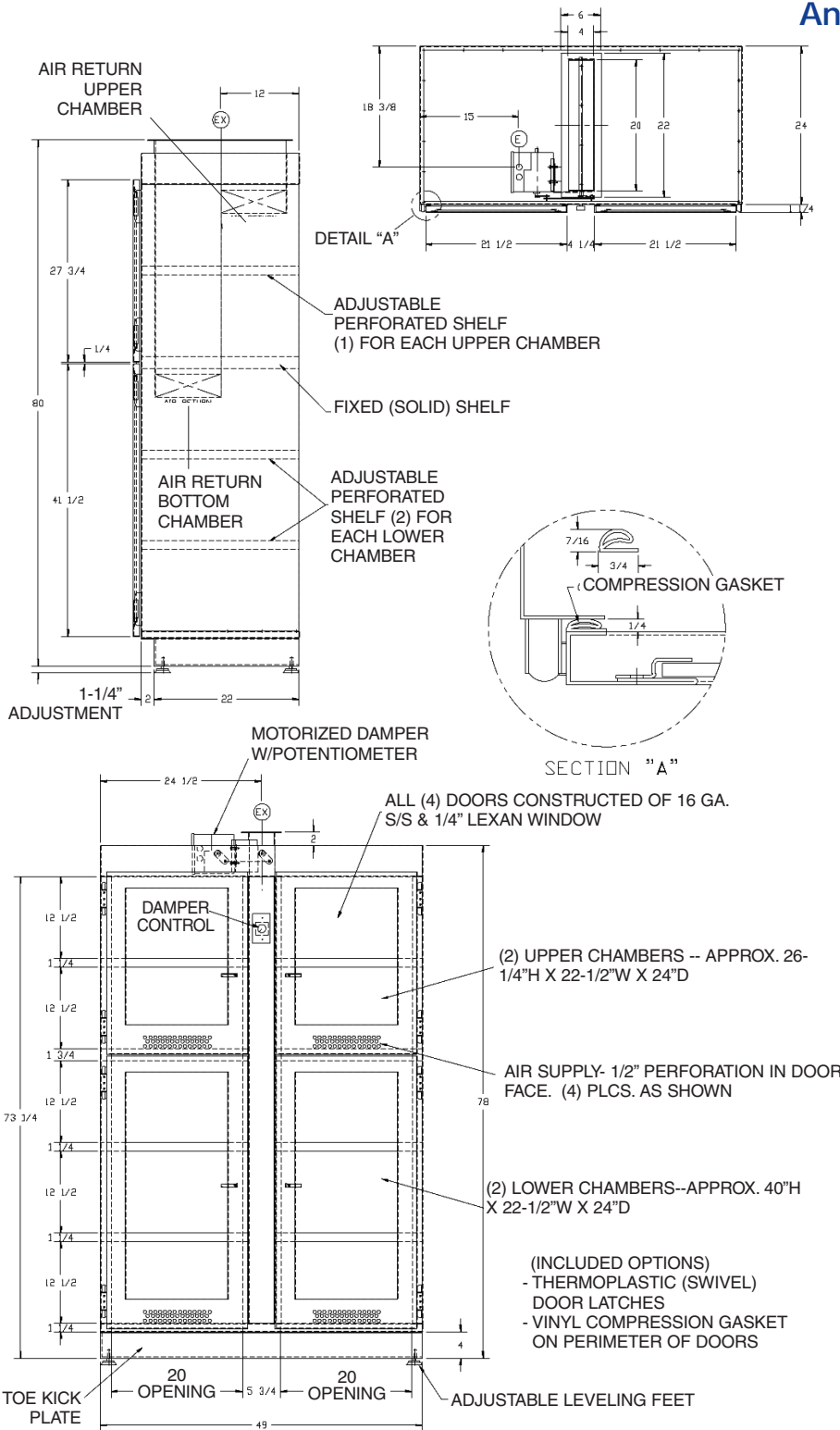
Room supply air shall be directly inputted into each chamber interior through vent holes located on the front door of each chamber. The overall dimensions shall be 49" wide x 80" high x 25" deep. The upper chambers shall be approximately 26.25" high x 22.5" wide x 24" deep. The lower chambers shall be approximately 40" high x 21.5" wide x 24" deep. The unit will require approximately 60 CFM to achieve a total of 10 air changes within each chamber per hour. Each chamber shall be maintained under negative pressure while the room is under positive pressure. A 4" x 20" flanged duct connection is provided for air to be exhausted to the room/building exhaust system.

The (4) chamber isolation unit shall be a cabinet type design constructed of type 304 stainless steel with gauge thickness varying from 16 gauge to 18 gauge. All hardware will be stainless steel or plastic. Each chamber shall include a 16 gauge fixed shelf. The lower chambers shall accommodate (2) additional adjustable shelves and the upper chambers shall accommodate (1) additional adjustable shelf. The doors shall be made from .25" thick lexan. A refrigerator type of gasket shall be utilized around the perimeter of each chamber to provide an airtight seal. The base shall include adjustable leveling feet.

The chamber can include an optional top mounted motorized damper with a potentiometer to allow the damper plate to be positioned anywhere from fully open to fully closed. The unit shall be pre-wired ready for a single point connection.

An optional self-contained blower and HEPA filter system can be supplied also. Contact the factory for filter and blower options.

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Specification and drawing are subject to change without notice unless certified by factory.

Utility Requirements

E --- Electrical - 115V., 1 PH., 60 Hz., 10 AMP

EX --- Exhaust - 20" x 4" OUTSIDE DIM. W/1" FLANGE @ 60 CFM

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Warranty

All components are warranted to be free from defects in material and workmanship for a period of one (1) year, when used in accordance with manufacturer's instructions.

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