

INSTRUCTIONS



“Space Saver” Vacuum Desiccators

Catalog Numbers F42010-0000, F42020-0000, F42025-0000 **A**

F42012-0000, F42022-0000, F42027-0000 **B**



These rugged vacuum desiccators are molded of clear polycarbonate (NOTE: The white base on models F42010-0000, F42020-0000, F42025-0000 is polypropylene). The stopcock body is made of polypropylene, the plug and washer are made of TEFLON®, and the O-ring is neoprene.

Directions for Use:

Unpack and inspect the desiccator for damage. To be sure the O-ring is free from any dust or dirt it should be wiped clean and re-seated in the groove located in the flange on the base. No vacuum grease is needed to hold full vacuum (29.9" or 759mm Hg) for 24 hours. However, if the desiccator is to be held under vacuum for over 24 hours, vacuum grease may be applied to the O-ring flanges and stopcock valve tapers.

Press the stopcock onto the tapered outlet located on the dome and twist slightly to orient the plug. Connect a vacuum source tube to the serrated arm on the stopcock (arm accepts 6 to 8mm (1/4" to 5/16") inside diameter tubing). Arrows on the red plug show the orientation in the 3-way stopcock plug. If the vacuum source is to be removed with a vacuum held in the desiccator, the third stopcock port must be sealed while the plug is being turned. Use the small red tapered port closure to do this. To release the vacuum in the desiccator, be sure the third stopcock port is unplugged, and turn the handle VERY SLOWLY to open the desiccator to the atmosphere. Air should enter the desiccator very slowly to avoid upsetting the contents.

WARNINGS – For Safe Operation of the Space Saver Vacuum Desiccators:

- DO NOT AUTOCLAVE
- DO NOT USE above a maximum temperature of 41°C (105°F)
- DO NOT USE below 0°C (32°F)
- DO NOT USE concentrated acids as a desiccant
- DO NOT USE with organic solvents. Organic solvents and their vapors may attack the polycarbonate material and cause crazing (hairline cracking) of the surface
- DO NOT place in front of heating or air conditioning ducts
- DO NOT place near a heating device

Should you have any questions or problems, please contact Bel-Art Products customer service for help.

REPLACEMENT PARTS LIST:

Description	Part Number
Perforated polypropylene plate, 140mm diameter, 42010-0000 & 42012-0000	942010003
Perforated polypropylene plate, 190mm diameter, 42020-0000 & 42022-0000	942020003
Perforated polypropylene plate, 230mm diameter, 42025-0000 & 42027-0000	942029001
Neoprene O-ring for F42010-0000 & F42012-0000	942010000
Neoprene O-ring for F42020-0000 & F42022-0000	942020000
Neoprene O-ring for F42025-0000 & F42027-0000	942020005
Replacement Stopcock Valve Assembly	942040003

BEL-ART PRODUCTS

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