

Cleanroom Oven Cabinet

The No. 962 Class 100 cleanroom cabinet oven from Grieve is electrically-heated to 500°F to be used for pass-through depyrogenation



of glassware. The ovens measure 24"W x 36"D x 27"H with a 10KW installed in Incoloy-sheathed tubular elements to provide heat, while a 600 CFM, 3/4-HP recirculating blower delivers horizontal airflow to the workload. This cleanroom oven features 4" insulated walls, a Type 304, 2B finish stainless steel exterior with 1/2" inside radiused corners and all interior seams are welded, ground and polished. The stainless steel exterior with #4 brushed finish has continuously welded seams. The unit has single access doors, front and rear, a red pilot light to indicate when the oven's opposite side door is open, solenoid-operated door locks and 650 CFM intake pressurizing blower. Also onboard are a 24" x 24" x 6" thick HEPA fresh air filter with 2" prefilter, a 24" x 24" x 6" thick stainless steel, high temperature HEPA recirculating filter, plus a minihelic pressure gauge and DOP validation port across each set of filters. A digital programming and recording temperature controller activates the dampers and locks the access doors during a cycle. A recirculating blower airflow safety switch turns off the blower and heat whenever a door is opened.

THE GRIEVE CORPORATION

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