Multi-temperature environmental chamber with humidity controls. 11' 6" x 9' 7" x 8' 6"

OUR WALK-INS FINISH LAST.

The people who brought you the first "all metal" walk-in environmental rooms are the same people whose quality-built prefabricated, prewired, pretested walk-in environmental rooms finish last. Everytime. In fact, some of our rooms have been in service for over 20 years!

Hotpack has built its 75-year reputation on building reliable, controlled temperature/controlled humidity equipment that outperforms and outlasts the competition. Our walk-ins are no exception.

But it's what we know about walk-ins that sets us apart. As experts in the design, construction, installation and service of superior walk-ins for every need, we know how to build the most cost-effective rooms; we know what control systems to recommend for specific requirements; and we make sure every room is pretested thoroughly before it leaves our plant.

Available in all sizes, shapes and simulations, we offer 242 standard sizes of walk-ins with any combination of temperature, humidity and lighting needs. All accurate within ± .3°C chamber temperature gradient.

We offer three types of convenient, flexible panelized construction. Channellight with fiberglass insulation and Channellight with urethane insulation, both of which offer superior structural integrity and rigidity, as well as foamed-in-place urethane. Our selection of control systems includes the most sophisticated microprocessor-based digital programmers.

If you're looking for superior environmental test chambers that stand the test of time, we invite you to take advantage of our free planning service. Just call us toll free at 800-523-3608, in Pennsylvania, call 215-824-1700. Or write Hotpack Corporation, 10940 Durham Road, Philadelphia, PA 19154. And let us build a room for you!

WE BUILD EQUIPMENT TO WORK.

OUR 75TH ANNIVERSARY

For literature circle reader service number 39
For representative to call circle reader service number 40
How 5 new Nalgene® filter units solve the most common problems of tissue culture filtration.

**Problem: Cytotoxicity**
Contamination is the enemy of every tissue culture experiment.

**The Nalge Solution:** The new Nalgene type TC Tissue Culture Sterilization Filter Units surpass existing standards for cell toxicity testing. They alone incorporate a membrane that is inherently hydrophilic; it has no surfactants, plasticizers or wetting agents (it’s Triton-free) to contaminate culture media. It is extremely low in extractables. The proven design of Nalgene Filter Units reduces the chance of contamination. And our specially selected method of radiation sterilization eliminates any possible EtO residue on the membrane.

**Problem: Mycoplasma Contamination**

**The Nalge Solution:** These new Nalgene units are the only ready-to-use tissue culture filter units that come with either a 0.1- or 0.2-micron membrane. You can use the 0.2-micron membrane unit when Mycoplasma contamination is not a problem. If it is, you can follow with the 0.1 membrane unit to be sure you have no problem.

**Problem: Inconvenience**
Setup, cleanup and repeated sterilization of reusable filter holders consume valuable time and effort. Some ready-to-use filters make you provide the sterile receiver.

**The Nalge Solution:** The new Nalgene TC Filter Unit is completely self-contained, with an integral receiver, and is pre-sterilized for immediate use. Its ready-to-use, disposable design simplifies your total procedure.

Several filters solve some of your problems. Only ours solves all of them. Order from your Authorized Nalgene Labware Dealer. For more information, write Nalgene Labware Department, Nalge Company, Box 365, Rochester, NY 14602 or call Nalge Technical Service at 716-586-8800.

Available in three capacities: 30 mL with 0.1-micron (Cat. No. 152-2010) or 0.2-micron (Cat. No. 152-2020) membrane; 115 mL with 0.1-micron (Cat. No. 150-4010) or 0.2-micron (Cat. No. 150-4020) membrane; and 500 mL with 0.2-micron membrane (Cat. No. 151-4020).

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For demonstration circle reader service number 50
For information circle reader service number 51
When you want to program temperature, how do you do it?

New Lauda programmable circulators from \(-40^\circ\) to \(+250^\circ\)C, with convenient LED display and unique safety control.

With a Lauda constant temperature circulator, all you do to program temperature is provide the input. A built-in microprocessor-based programmer does the rest, turning your input into a reproducible series of time and temperature changes. What's more, it even lets you change the changes—as often as you want.

Lauda constant temperature circulators
Brinkmann

The programmer, featured on Models KP-20D and RKP-20D, lets you predetermine functions like temperature direction and the rate of temperature increase or decrease. You can also program a procedure to include specific stopping points. And to alert you to any possible errors, the programmer triggers a series of test circuits and fault indicators.

These benefits are also available with the Model PM-350 Accessory Programmer, designed for use with Lauda Series CS, KS, RCS, and RKS circulators. Freely programmable within the range of \(-100^\circ\) to \(+350^\circ\)C, the PM-350 features a resolution of \(0.1^\circ\)C and operates with an accuracy of \(\pm 0.05\%\) of the indicated set temperature.

Rapid, accurate programmability is just one of the benefits of being Lauda. To learn more about the others, contact your Brinkmann representative; or call or write Brinkmann Instruments Co., Division of Sybron Corporation, Cantiague Road, Westbury, NY 11590, Tel: 800-645-3050; in New York, 516-334-7500. In Canada: 50 Galaxy Blvd., Rexdale, Ont. M9W 4Y5, Tel: 416-675-7911.

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