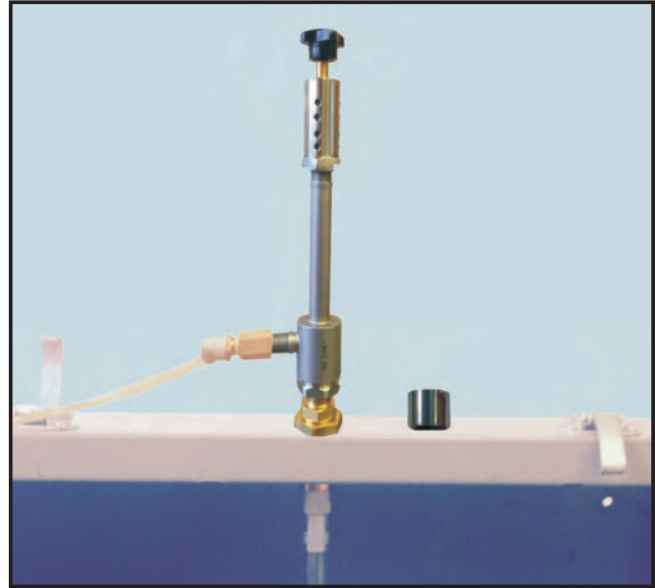


FRIGID-X® BOX COOLER
 Packaged System for cooling small enclosures



WHAT ARE THEY - REASONS TO USE

The Frigid-X® Box Cooler is used for cooling small enclosures for laboratory use, environmental chambers and any application where an enclosure needs cooling (Note: Not approved for electrical and electronic control panels but may be used if approvals not required). This low cost system utilizes a stainless steel vortex tube with an adjustable hot end to control the temperature produced in the enclosure. In the package are all the necessary items to attach the vortex tube along with a separate venting unit to exhaust the hot air being displaced inside the enclosure. An optional hose distribution kit is available to distribute the cold air inside for larger enclosures. Also available is an optional solenoid and thermostat for on-off control.



FRIGID-X BOX COOLER ADVANTAGES:

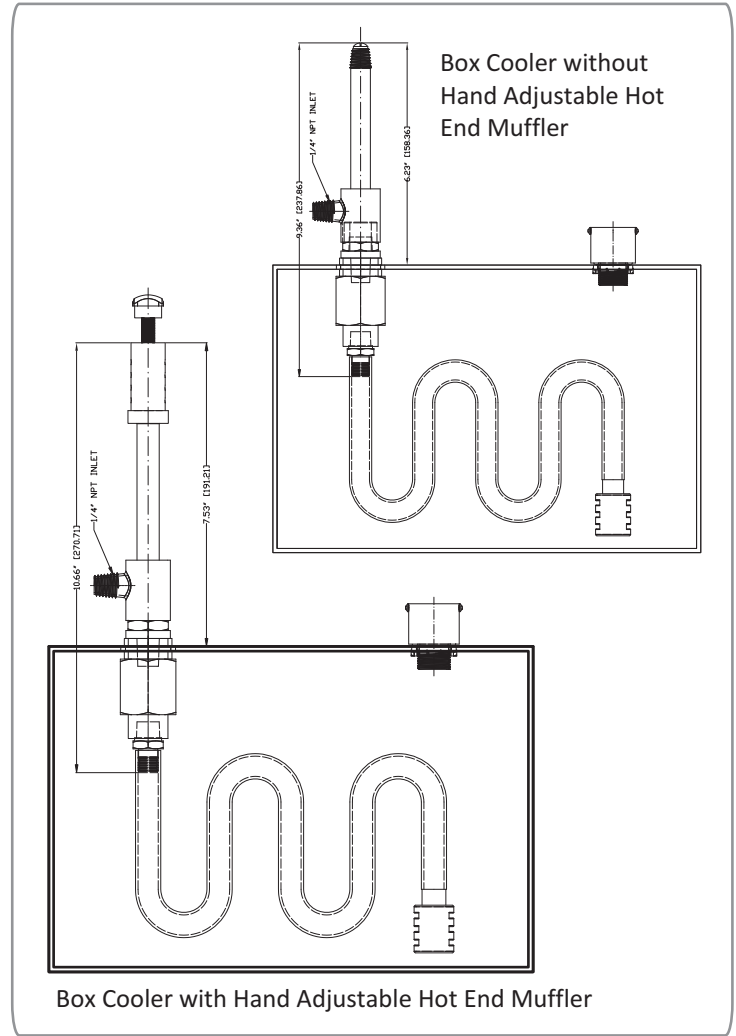
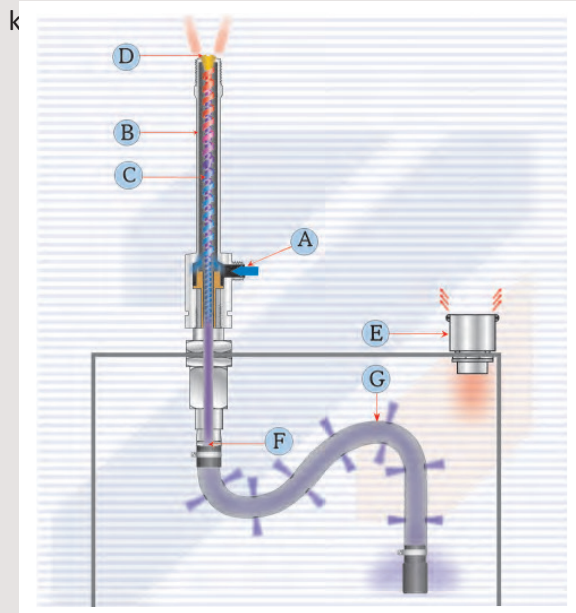
- **No moving parts**
- **Maintenance Free Operation**
- **Compact & Easy to Install**
- **Cooling Capacities to 2900 BTU/hr.**
- **No CFC's or HCFC's**
- **Stainless Steel Construction**
- **No Electricity**
- **Adjustable Cold Temperatures**

List of parts:

- **Vortex Tube**
- **Hot and adjustable with screwdriver or with optional hand adjusting system**
- **Breather Cap with Lock Nut**
- **Connecting assembly to box**
- **Adaptor and hose barb for hose kit**
- **Optional hose distribution kit**

FRIGID-X® BOX COOLER SYSTEM – HOW IT WORKS

Compressed air enters at point (A) into the vortex tube. The vortex tube splits the compressed air into a hot (B) & cold (C) stream of air. The hot air from the vortex tube is vented to the atmosphere at point (D). Hot air displaced from the box is vented out through the breather cap (E). Cold air enters the box at point (F) or via an optional hose distribution



FRIGID-X® BOX COOLER SYSTEMS

Part No.	Description
50010B	Box Cooler System with hot end adjustable screw 730 BTU/hr. 170 Watts
50015B	Box Cooler System with hot end adjustable screw 1100 BTU/hr. 322Watts
50025B	Box Cooler System with hot end adjustable screw 1800 BTU/hr. 527 Watts
50030B	Box Cooler System with hot end adjustable screw 2100 BTU/hr. 615 Watts
50040B	Box Cooler System with hot end adjustable screw 2900 BTU/hr. 849 Watts
52010B	Box Cooler System with hot end hand adjustable knob 730 BTU/hr. 170 Watts
52015B	Box Cooler System with hot end hand adjustable knob 1100 BTU/hr. 322Watts
52025B	Box Cooler System with hot end hand adjustable knob 1800 BTU/hr. 527 Watts
52030B	Box Cooler System with hot end hand adjustable knob 2100 BTU/hr. 615 Watts
52040B	Box Cooler System with hot end hand adjustable knob 2900 BTU/hr. 849 Watts

ACCESSORIES

Part No.	Description
69004	Hose Distribution Kit
55003	Hot End Muffler for Vortex Tube with hot end adj. screw
90004	Filter with Auto Drain
90015	Thermostat and Solenoid Valve Kit for On-Off Control