



Close-Coupled Cooling

Simple, Efficient, Flexible, Manageable Cooling for IT Environments



Model: SRCOOL24K

Tripp Lite offers cooling solutions from 7,000 BTU to 24,000 BTU.

Cooling is essential to modern IT installations, but conventional perimeter and raised-floor cooling systems are expensive to operate and difficult to install, especially when retrofitted to existing facilities and smaller spaces. Close-coupled cooling offers a simple, efficient, flexible, manageable alternative.

- **Simplicity:** Tripp Lite cooling units fit into spaces of all sizes, including network closets, server rooms and data centers. Almost anyone can install them, without requiring project-delaying assistance from costly specialists outside the IT department. They plug into standard NEMA outlets, include all parts required for setup and don't require a disruptive construction project, raised floor, special ductwork, refrigerant piping or plumbing.

- **Efficiency:** Tripp Lite cooling units reside closer to racks and equipment than perimeter units, so they don't use as much electricity moving air over long distances. They can also focus cooling where it's needed instead of wasting energy cooling irrelevant spaces. Studies sanctioned by the U.S. Department of Energy found close-coupled cooling units to be more efficient than perimeter units.



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- **Flexibility:** Retrofit, reconfigure or expand cooling on the fly to handle expansion, upgrades, virtualization/consolidation projects, increased power density and new hot spots. Tripp Lite's modular cooling is always ready to respond to change.
- **Manageability:** Network management allows IT staff to monitor temperatures, change settings, define threshold warnings, receive alerts, access logs and automate operation from any location. Tripp Lite cooling units are also built for unattended operation. They support on/off scheduling, restart automatically after power outages and include a built-in evaporator to prevent condensation from accumulating.

Feature Focus

LED Control Panel

Push-button controls, diagnostic LEDs and a digital display facilitate local management.



Output Vent

Removable output vent has adjustable louvers for area cooling. (SRCOOL7KRM's output vent directs air upward or downward depending on rack position.)



Flexible Output Duct(s)

Output duct focuses cool air on a specific rack or hot spot. When you connect the duct near the top of a rack enclosure, cool air naturally sinks and provides even temperature distribution. (SRCOOL24K includes two output ducts.)



Evaporator (Internal)

Built-in evaporator prevents condensation from accumulating, so there's no need for a water collection tank or floor drain.

Air Filter(s)

Standard filters are easy to replace without tools.



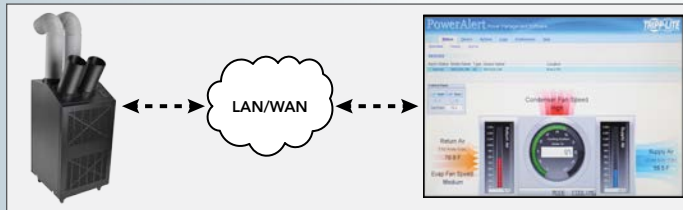
Casters

Rolling casters on portable units permit easy positioning.



Rack-Mounting Hardware

Mounting hardware allows SRCOOL7KRM to be installed in a standard 19-inch rack.



Network Management

The network management interface (included with SRCOOL24K; sold separately for other models) allows IT staff to monitor temperatures, receive alerts, access logs, change settings and control operation remotely via SNMP, Web, SSH or telnet. Tripp Lite's free PowerAlert® software can access multiple units through a single interface.

SPECIFICATIONS



Model	SRCOOL7KRM	SRCOOL12K	SRCOOL18K	SRCOOL24K
Cooling Capacity	7,000 BTU/h (2.0 kW)	12,000 BTU/h (3.5 kW)	18,000 BTU/h (5.275 kW)	24,000 BTU/h (7.0 kW)
Form Factor (H x W x D)	Rack-Mounted (8U) (14 x 17.5 x 23 in.)	Portable (Compact) (31 x 12 x 20 in.)	Portable (Rack-Width) (38.5 x 20.5 x 22 in.)	Portable (Rack-Width) (38.5 x 20.5 x 22 in.)
Nominal AC Input	120V, 60 Hz	120V, 60 Hz	208/240V, 60 Hz	208/240V, 60 Hz
AC Input Plug	NEMA 5-15P	NEMA 5-15P	NEMA L6-20P	NEMA L6-20P
Network Management	Add SRCOOLNET2	Add SRCOOLNET	Add SRCOOLNET2	Included
Primary Applications	<ul style="list-style-type: none"> • Rack Cooling • Area Cooling 	<ul style="list-style-type: none"> • Rack/Spot Cooling • Area Cooling • Backup Cooling 	<ul style="list-style-type: none"> • Rack Cooling • Area Cooling • Backup Cooling 	<ul style="list-style-type: none"> • Rack Cooling • Area Cooling • Backup Cooling

Notes: All models use R410A refrigerant, which complies with environmental standards worldwide. Most models include exhaust kit to direct warm air to dropped ceiling, window or return duct. SRCOOL7KRM uses optional SRCOOL7KDUCT. All models comply with UL 484 (Tested by ETL), CSA and RoHS. SRCOOL18K and SRCOOL24K also comply with NOM.

For more information, contact:

Tripp Lite Pre-Sales Support

773.869.1236 | upsapplications@tripplite.com



1111 W. 35th Street, Chicago, IL 60609
www.tripplite.com