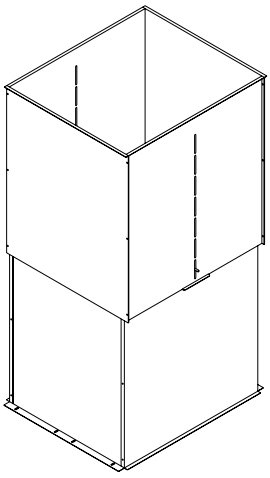
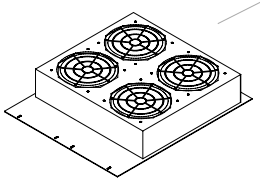
To Order, Call : 1-905-884-5250
Internet : www.rfmote.com
Email : info@rfmote.com

THERMAL MANAGEMENT:
2-14KW DUCTED SOLUTIONS

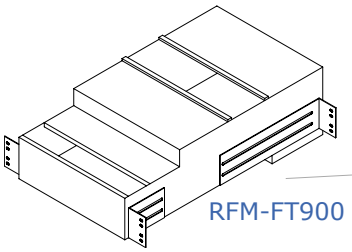
PART NUMBER	DESCRIPTION
RFM-EXFANDUCT	EXHAUST DUCT *(ATTACHES TO TOP OF CABINET)*
RFM-EXFAN-2	HIGH VOLUME EXHAUST UNIT 840 CFM *(ATTACHES TO TOP OF CABINET)*
RFM-EXFAN-4	HIGH VOLUME EXHAUST UNIT 1680 CFM *(ATTACHES TO TOP OF CABINET)*
RFM-FT900	COLD AIR DISTRIBUTION UNIT 840 CFM *(ATTACHES TO BOTTOM OF CABINET, REQUIRES 4U OF SPACE)*



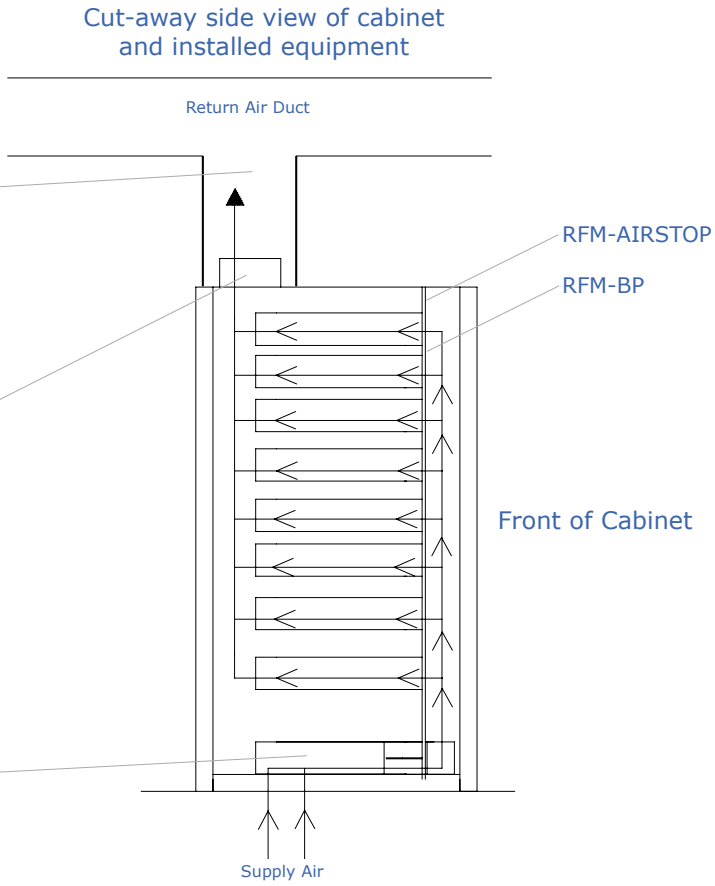
RFM-EXFANDUCT



RFM-EXFAN series



RFM-FT900



Basic airflow management, within the cabinet, can involve a few simple steps.

Typically, heat loads of 2-4kW can be efficiently handled utilizing **Perforated Front and Rear doors**. The installation of **Blank Plates** to fill empty rack spaces and **Airstops** help prevent the mixing of cool supply air with heated exhaust air within the enclosure.

As heat loads rise to the 4-8kW range Active cooling options, such as: top of enclosure **Fan Systems** may be added. This combination further enhances your equipment cooling effectiveness by better utilizing in-room conditioned air.

At this density, another step to increase cooling effectiveness is to prevent hot air recirculation outside of the enclosure. The installation of R.F.Mote **EXFan Ducts** and solid rear doors help direct exhausted air into the existing return air plenum. Isolating exhaust air and removing it from the room also reduces overall room temperature. In many cases, with lower heat loads, it is enough to have a passive air duct (*operating without fans*) above the cabinet.

Designed for use in all R.F.Mote cabinets, our cooling solutions utilize any combination of Perforated or Solid Doors, Fan Kits, Blanking plates, Airstops and Exhaust Ducts to maximize the utilization of available conditioned air to cool servers and effectively remove hot air through the rear and/or top of the enclosure.

R.F.Mote enclosures are designed to facilitate the use of both passive and active cooling options as required. Various options may be added to existing enclosures as densities and heat loads rise.