

Ventilation & AIR CONDITIONING

Proper cooling of electronic equipment within enclosed metal cabinets continues to be a growing concern as equipment heat loads continue to increase.

Electron Metal offers a choice of custom solutions to add ventilation and cooling to our cabinets. We can incorporate a simple fan or 25kW blower or provide a more complex top or side-mount air conditioner. We also offer rear door heat exchangers and forced air chimney solutions. Contact us to learn how we can help create a customized solution for your specific needs.

Ventilation and Air Conditioning Options:

- Fans
- Blowers
- Top Mount Air Conditioners
- Side Mount Air Conditioners
- Rear Door Air Conditioners
- Hot Air Exhaust Chimneys
- Rear Door Heat Exchangers
- Hot Aisle Containment Systems
- Cold Aisle Containment Systems



FANSTD-04003



FANSTD-04003



FANSSA-04003



FANSTD-06005



FANSTD-06005



FANSTD-05503



FANRGU-0445



FANITS-90107

Part No.	Orientation	Qty	Inputs	Volts	Recept. Qty.	Input Types	Recept. Amps	Recept. Type	Breaker	Surge Protected	Switch	Cord Length	RU	Mounting
FANSTD-06005	6" whisper fan 100CFM with grill & 5 cord													
FANSTD-06003	6" fan 200CFM with grill & 3 cord													
FANSTD-06005	6" fan 200CFM with grill & 5 cord													
FANSTD-10503	10" fan 500CFM with grill & 3 cord													
FANSSA-040503	4" fan 50CFM with Series 4000 adaptor 3 cord													
FANSSA-040505	4" fan 50CFM with Series 4000 adaptor 5 cord													
FANSSA-041003	4" fan 100CFM with Series 4000 adaptor 3 cord													
FANSSA-041005	4" fan 100CFM with Series 4000 adaptor 5 cord													
FAN48V-041000	4" fan 48VDC 2 finger grills 4 mounting bolts													
FANRGU-044500	4" fan filter guard 45 poles per inch													
FANRT-09206	Filtered fan kit 9" 124CFM 6 cord													
FANRF-04	Replacement filters (24 CFM) (5 lb)													
FANFA-7140	Hot swap 1 fan assembly 1400CFM 15VAC													
FANSHW-3140	Hot swap fan kit 24" 12 x 14													
FANST-04003	Set of 2 fans 4" 100CFM 4 finger grills 3 cords													
FANST4-04006	Set of 4 fans 4" 100CFM 8 finger grills 4 adapters plates													
FANITS-90107	Fan tray 3 fans 100CFM 10VAC 19 x 1.75 x 7													
FANITM-90107	Fan tray 3 whisper fans 50CFM 10VAC 19 x 1.75 x 7													

Power DISTRIBUTION

Power distribution is a critical need for most rack or cabinet solutions. Whether you need standard 15amp power bars or 3 phase 60amp metered and monitored units, Electron Metal has a solution and inventory on the standard items listed below. Electron Metal provides custom installation of Power Distribution Units (PDUs) in your tailored cabinet, designed for your specific application.

Consult our PDU Ordering Guide below if you wish to order other types of PDU including metered, monitored and switched PDUs. We also supply transfer switches and UPS systems.



Electrical & PDU Options:

- Basic Horizontal or Vertical 15A or 20A power bars
- Standard, isolated ground or surge suppressed
- Metered Single Phase & 3 Phase PDUs
- SNMP enabled remote monitored or controlled PDUs
- Transfer Switches
- Single Phase & 3 Phase UPS Systems
- Optional installation

Rackmount PDU Basic

Part No.	Orientation	Qty	Inputs	Volts	Recept. Qty.	Input Type	Recept. Amps	Recept. Type	Breaker	Surge Protected	Switch	Cord Length	RU	Mounting
PWBNS-150601906-BK	Rackmount front outlets	1	120	15	6	5-15P	15	5-15R	Yes	No	No	6'	6"	Direct
PWBNS-150601906-BK	Rackmount rear outlets	1	120	15	6	5-15P	15	5-15R	Yes	No	No	6'	6"	Direct
PWBNS-150601915-BK	Rackmount rear outlets	1	120	15	6	5-15P	15	5-15R	Yes	No	No	15'	6"	Direct
PWBNS-200601906-BK	Rackmount rear outlets	1	120	20	6	5-20P	20	5-20R	Yes	No	No	6'	6"	Direct
PWBNS-200601915-BK	Rackmount rear outlets	1	120	20	6	5-20P	20	5-20R	Yes	No	No	15'	6"	Direct
PWBNT-150601906-BK	Rackmount rear outlets	1	120	15	6	L5-15P	15	5-15R	Yes	No	No	6'	6"	Direct
PWBNT-150601915-BK	Rackmount rear outlets	1	120	15	6	L5-15P	15	5-15R	Yes	No	No	15'	6"	Direct
PWBNT-200601906-BK	Rackmount rear outlets	1	120	20	6	L5-20P	20	5-20R	Yes	No	No	6'	6"	Direct
PWBNT-200601915-BK	Rackmount rear outlets	1	120	20	6	L5-20P	20	5-20R	Yes	No	No	15'	6"	Direct

Vertical PDU Basic

Part No.	Orientation	Qty	Inputs	Volts	Recept. Qty.	Input Type	Recept. Amps	Recept. Type	Breaker	Surge Protected	Switch	Cord Length	RU	Mounting
PWBNS-15060406-BK	Vertical	1	120	15	6	5-15P	15	5-15R	Yes	No	No	6'	42"	24
PWBNS-15060406-BK	Vertical	1	120	15	6	5-15P	15	5-15R	Yes	No	No	15'	42"	24
PWBNS-15060306-BK	Vertical	1	120	15	8	5-15P	15	5-15R	Yes	No	No	6'	36"	24
PWBNS-15060606-BK	Vertical	1	120	15	14	5-15P	15	5-15R	Yes	No	No	6'	60"	44
PWBNS-15060405-BK	Vertical	1	120	15	12	5-15P	15	5-15R	Yes	No	No	6'	84"	48
PWBNS-15060706-BK	Vertical	1	120	15	24	5-15P	15	5-15R	Yes	No	No	15'	75"	44
PWBNT-15060406-BK	Vertical	1	120	15	6	L5-15P	15	5-15R	Yes	No	No	6'	42"	24
PWBNT-15060606-BK	Vertical	1	120	15	10	L5-15P	15	5-15R	Yes	No	No	6'	60"	44
PWBNT-15060306-BK	Vertical	1	120	15	12	L5-15P	15	5-15R	Yes	No	No	6'	75"	44
PWBNT-15060506-BK	Vertical	1	120	15	14	L5-15P	15	5-15R	Yes	No	No	6'	84"	48
PWBNT-15060405-BK	Vertical	1	120	15	14	L5-15P	15	5-15R	Yes	No	No	15'	84"	48
PWBNT-1L007506-BK	Vertical	1	120	15	12	L5-15P	15	5-15R	Yes	No	No	6'	75"	44
PWBNT-1L007606-BK	Vertical	1	120	20	12	L5-15P	20	5-20R	Yes	No	No	6'	76"	44