Enclosure Accessories

Enclosures for Electrical/Electronic Equipment

JIC and NEMA swingout panel kits

- Designed to allow mounting of switches, pilot lights and other components near the front of the enclosure for easy access or meter reading
- These kits consist of heavy-gauge brackets and hinges, which are easily installed by drilling small holes in the sides of the enclosure and bolting the bracket in place
- Sealed washers are also furnished to ensure that the enclosure will meet the original NEMA rating after installation.
- These kits are designed for use with standard Wiegmann JIC and NEMA panels.

Part Number	Price	Description
WAJCDFK	check	JIC kit
WANADFK	check	NEMA kit

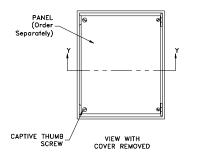
Note: Panels must be ordered separately from enclosure

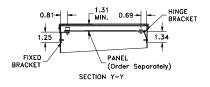
WANADFK

PANEL (Order

WAJCDFK







Separately)
CAPTIVE THUMB // SCREW VIEW WITH COVER REMOVED
_1.25 MIN.
(Order Separately) SECTION X-X

Enclosure Shipping Schedule					
Same day 1 - 7 days 1 -10 days					
Color indicates shipping lead time in business days.					

Touch-up paint

Part Number: WAGSE

ANSI-61 gray satin enamel in 12 oz. spray can. Use on existing enclosure and subpanel finishes.

Mounting feet

Part Number: N412MFK

Part Number:

N412MFKSS

 N412MFK contains four steel external mounting feet

 N412MFKSS contains four stainless steel external mounting feet

- Sealing washers are provided with each kit to maintain NEMA 4 or 12 rating after installation
- N412MFK has a plated finish

Print pockets



Print Pockets			
Number		Description	
WAPPL0606	check	6"x6" plastic print pocket can be placed anywhere within enclosure using 2-way adhesive tape flanges. Color: white	
WAPPL0810	check	8"x10" plastic print pock- et can be placed anywhere within enclosure using 2-way adhesive tape flanges. Color: white	

Automation Direct

Enclosure Accessories

Exclosures for Electrical/Electronic Equipaget

Hole seals



Designed to seal extra pushbutton holes, conduit openings, and knockout openings from dirt, dust, oil and water.

Has quick wing nut

and oil-resistant gasket. Steel hole seals are finished with ANSI-61 gray polyester powder. Stainless steel hole seals have a grained finish.

Casters

- Casters can be used on any enclosure to provide mobility
- Caster kit includes two swivel casters and two stationary casters, along with all necessary hardware
- Zinc-plated steel



Panel supports

- Provide additional support for panels on which heavy instruments are mounted
- Adjustable so the weight of the panel is partially supported by the bottom of the enclosure
- White polyester powder finish



Part No: Steel Hole Seals	Price	Part No: Stainless Steel Hole Seals	Price	Description	Hole Diameter
WAS050	check	WAS050SS	check	1/2 inch conduit holes	0.88 (22)
WAS075	check	WAS075SS	check	3/4 inch conduit holes	1.13 (29)
WAS100	check	WAS100SS	check	1 inch conduit holes	1.38 (35)
WAS125	check	WAS125SS	check	1-1/4 inch conduit holes	1.63 (41)
WAS150	check	WAS150SS	check	1-1/2 inch conduit holes	2.00 (51)
WAS200	check	WAS200SS	check	2 inch conduit holes	2.50 (64)
WAS250	check	-		2-1/2 inch conduit holes	3.00 (76)
WAS300	check	-		3 inch conduit holes	3.63 (92)
WAS350	check	-		3-1/2 inch conduit holes	4.13 (105)
WAS400	check	-		4 inch conduit holes	4.63 (118)
WASPB	check	WASPBSS	check	Standard oil tight pushbut- ton holes	1.20 (30)
WASPBG	check	WASPBGSS	check	Miniature oil tight push- button holes	0.88 (22)

Caster Kit Part No.	Price	Description	
WC10C	check	Set of 4 casters, 2 mounting plates and hardware	
WC12C	check	Set of 4 casters, 2 mounting plates and hardware	

Enclosure Shipping Schedule					
Same day 1 - 7 days 1 - 10 days					
Color indicates shipping lead time in business days.					

Panel Support Part No.	Price	Description
WAPS03	check	Two panel supports for 1-door and 2-door enclosures where distance from bottom of panel to bottom of enclosure is less than $2-1/4$ inches
WAPS09	check	Two panel supports for freestanding enclosures where distance from bottom of panel to bottom of enclosure is between 2-7/8 inches and 8-1/2 inches

ENCLOSURES

Floor Stand Kit





SSFK1216

Applications

Kits are easily installed on most wallmounted Wiegmann enclosures. Kits can also be used to elevate Wiegmann freestanding enclosures. To install, drill holes in bottom of existing enclosure and bolt in place. Each kit includes two stands and mounting bolts and nuts.

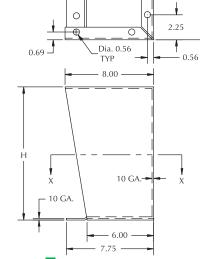
Construction

- Steel floor stand has a ANSI 61 gray polyester powder finish over phosphatized surfaces
- Stainless steel floor stand is type 304, 10 gauge stainless with a grained finish



FK0608

Steel Floor Kit	Price	Stainless Steel Floor Kit	Price	Floor Stand Height "H"	Enclosure Size "D"
FK0608	check	SSFK0608	check	6 (152)	8 (203)
FK0610	check	SSFK0610	check	6 (152)	10 (254)
FK0612	check	SSFK0612	check	6 (152)	12 (305)
FK0618	check	SSFK0618	check	6 (152)	18 (457)
FK0624	check	SSFK0624	check	6 (152)	24 (610)
FK1208	check	SSFK1208	check	12 (305)	8 (203)
FK1210	check	SSFK1210	check	12 (305)	10 (254)
FK1212	check	SSFK1212	check	12 (305)	12 (305)
FK1216	check	SSFK1216	check	12 (305)	16 (406)
FK1218	check	SSFK1218	check	12 (305)	18 (457)
FK1220	check	SSFK1220	check	12 (305)	20 (508)
FK1224	check	SSFK1224	check	12 (305)	24 (610)
FK1808	check	—		18 (457)	8 (203)
FK1810	check	—		18 (457)	10 (254)
FK1812	check	—		18 (457)	12 (305)
FK1816	check	—		18 (457)	16 (406)
FK2408	check	-		24 (610)	8 (203)
FK2410	check	SSFK2410	check	24 (610)	10 (254)
FK2412	check	SSFK2412	check	24 (610)	12 (305)
Note: Dimensions in inch	es (millimeters); le	etters in table correspond to let	ters on dimensio	nal drawings.	



Dimensions

С

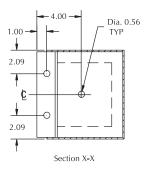
5.00 -

0

2.25

1.00 -

1.13 — TYP



c

Enclosure Shipping Schedule				
Same day 1 - 7 days 1 - 10 days				
Color indicates shipping lead time in business days.				



ENCLOSURE ACCESSORIES - ELECTRICAL INTERLOCKS,

<u>Defeaters and Grounding kit</u>



Electrical interlock

The WAEK115 is designed to be used with standard Wiegmann door latching mechanisms. When turned on, this interlock will prevent the door handle from being turned. This interlock is designed to fit handles in the following enclosures:

- All two-door NEMA 12 enclosures
- Freestanding NEMA 12 enclosures
- All consoles
- All single-door NEMA 12 enclosures which have three-point handle mechanisms

• Multi-door NEMA 12 enclosures

The WAEK115NDH is designed to be used with standard Wiegmann enclosures that have no handles. This interlock requires drilling several holes in the cover and the body for mounting.

Same day 1 - 7 days 1 - 10 days				
---------------------------------	--	--	--	--

Part Number	Price	Description	Volts/Hz
WAEK115	check	Electrical Interlock	120/60
WAEK115NDH	check	Electrical Interlock	120/60

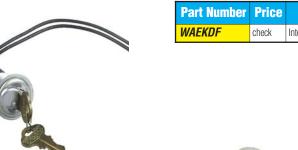
Interlock defeater

This defeater is key-operated and enables personnel to enter an enclosure while the enclosure's internal components are energized. Turning the key disengages the circuit to the electrical interlock.

Grounding kit

- Field Grounding Kit
- Includes necessary parts to properly ground enclosure

Grounding Kit					
Part Number Description Price					
WGNDKT Grounding Kit check					
Field grounding kit includes necessary pa	arts to properly ground enclosu	re			





Enclosure Accessories - Lighting





WDL026SWLT120



<u>Lighting</u>

Use where illumination is needed inside an enclosure. WDL series is available with motion sensor or on/off switch. With optional holder kit, WDL series lights can be "hand-held" for spot illumination.

Motion sensor version detects the motion of the enclosure door being opened and automatically turns light on. The sensor is factory pre-set to turn light off five minutes after motion ceases. The motion sensor does not detect movement through glass or fiberglass, thus allowing installation in enclosures with windows or glass doors.

- Uses Fluorescent lamps
- Light color/temp is bright white
- Holder and lamp housing manufactured from UL94-V0, impact resistant plastic
- Connection: 4-pole terminal, max. AWG 14 for power supply and parallel wiring of two lights

1 -10 days

Includes mounting screws

Enclosure Shipping Schedule

1 - 7 days

Lighting Unit Part Numbers	Price	Operating Voltage	Outlet Receptacle	Activation Method	Light Intensity (LM)	Lamp Current (HRS)	Dimensions HxWxD
WDL026SWLT120	check	110-120	No	Switch on housing	1,000	10,000	3.93x15.6x2.6 (100x396x67)
WDL026MSLT120	check	110-120	No	Passive infrared motion sensor	1000	10,000	3.93x15.6x2.6 (100x396x67)
WKL025SWLT120	check	110-120	Yes	Switch on housing	900	5,000	2.55x14x2.55 (65x355x65)

Note: Dimensions in inches (millimeters); letters in table correspond to letters on dimensional drawings.

Mounting plates for WDL series lights

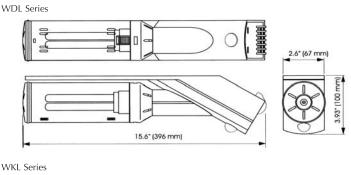
Part Number	Price	Description
WDL026MAG	check	Two magnet mounting plates
WDL026SEAD	check	Self-adhesive mounting plates

Light holder for WDL series lights



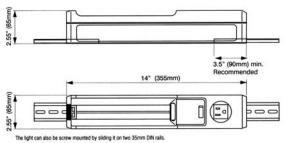
Part Number		
LHPC02	check	Light holder (self-adhesive back to mount) with 10' power cord

Dimensions



Same day

Color indicates shipping lead time in business days.



WIEGMANN

Enclosure Accessories - Locks and Latches

NEMA 1 type 1/4latch





N1C14T

- N1C14TKL
- Designed for field installation standard NEMA 1 type enclosures
- Requires only a quarter turn to open and close
- Available in both the 1/4-turn latch and 1/4-turn key lock



- Designed for NEMA 412 type enclosures
- Latch kits are tamper resistant
- Available in both 1-point and 3-point 1/4turn kits
- All have black matte or chrome finish



Latch Part			1-p
Number	Price	Description	N4
N1C14T	check	NEMA 1 1/4-turn latch	N4
N1C14TKL	check	NEMA 1 1/4-turn key lock	N4

Tamper-Resis	Description			
1-point	Price	3-point	Price	
N41214TTRI	check	N41214TTRI3	check	Triangular 1/4-turn keyed latch
N41214SQ	check	N41214SQ3	check	Square 1/4-turn keyed latch
N41214TVP	check	N41214TVP3	check	Double bit vibration proof 1/4-turn keyed latch



N41214TSS Stainless steel lock kit for NEMA 412

- Designed for standard single-door type 412 enclosures
- Requires only a quarter turn to open and close
- Latch is water and dust tight
- Lock is stainless steel
- Can be used with N412 stainless steel enclosures

Lock Kit Part No.	Price	Description
N41214TSS	check	Stainless steel 1/4-turn; one point
N41214TSS3	check	Stainless steel 1/4-turn; three point

N41214TTRIK	N41214
0	2

1214SQK

N41214T	VPK

Tamper-Proof Keys Part Number	Price	Description
N41214TTRIK	check	Triangular key
N41214SQK	check	Square key
N41214TVPK	check	Double bit vibration proof key

Enclosure Shipping Schedule				
Same day 1 - 7 days 1 - 10 days				
Color indicates shipping lead time in business days.				





Lock Kit for NEMA 12 Enclosures Part Number	Price	Description
WACLSN12	check	1- point key lock

• Designed for NEMA 412 type enclosures.

All have black matte finish or chrome

finish (see chart)

• Available in both 1-point and 3-point 1/4turn latches

NEMA 4	412 Loc		Description	
1-point	Price	3-point	Price	
N41214T	check	N41214T3	check	Slotted chrome finish
N41214TB	check	N41214TB3	check	Slotted black matted finish
N41214TW	check	N41214TW3	check	Wing handle 1/4-turn latch
N41214TWPL	check	N41214TWPL3	check	Padlocking 1/4-turn
N41214TTH	check	N41214TTH3	check	1/4-turn black matted tee handle
N41214TBKL*	check	Not Available		1/4-turn black key lock/dust cover
* NEMA 12 and 13 rating with d	ust cover only			



ENCLOSURE ACCESSORIES - LOCKS AND LATCHES



Lock kits for junction boxes

- Designed for field installation in standard junction boxes. Latch is water-tight and dust-tight
- It is necessary to drill or punch one hole in the cover to receive the cylinder lock
- Complete installation instructions included
- Designed for field installation in standard single-door JIC, BCH, BN4CH enclosures

Latch kits for single-door type 12 <u>enclosures</u>

- Designed for field installation in standard single door Type 3R, 4 and 12 enclosures
- Latch is water-tight and dust-tight
- It is necessary to drill or punch one hole in the cover to receive the latch
- Complete installation instructions are included

NEMA 1 type T handle latch and cylinder lock kits

- The "T" handles are intended to be used on various NEMA 1 cabinets. Not suitable for water-tight applications
- The 3-point latch comes with handle, latch, latch rods and all hardware. Handles are chrome plated
- Cylinder locks are designed for field installation in the small NIC and large NIC enclosures. Latch is water and dust-tight. Must drill a hole in the door to receive the latch
- Latch has chrome-plated finish



WACLJIC

WAPLKJIC





Padlock







Price

check

check

check

check

Handle Latch

and Cylinder

Lock Kits

WAL8

WA8

WAL12B

WAL12AR

WAL12AR

Description

1-point "T" locking

1-point "T" non lock-

small N1C enclosures 3-point key lock for

large N1C enclosures

handle

ing handle 1-point key lock for

Enclos	sure Shipping Sch	redule
Same day	1 - 7 days	1 -10 days
Color indicates shipping lead ti	me in business days.	

Junction Box Lock Kits Part Numbers	Price	Description
WACLJIC	check	1-point cylinder key lock
WAPLKJIC	check	Padlock lock kit

Latch	Kits fo Typ	Description		
Padlock Style	Price	Keylock Style	Price	
WAL1A	check	WAL2A	check	1-point latch kit
WAL1B	check	WAL2B	check	3-point latch kit where H is 16", 20", 24" or 30"
WAL1C	check	WAL2C	check	3-point latch kit where H is 36", 42" or 48"
WAL1D	check	WAL2D	check	3-point latch kit where H is 60" or 72"

Filterfan kits





Applications

- Most innovative technology for fan cooling and pressurizing of industrial enclosures.
- Provides a high quality, economical method of cooling enclosures
- Filtered passive ventilation can be provided by an exhaust filter for either convection cooling or in combination with a fan in forced air cooling
- Slim line design allows grille to protrude from enclosure surface less than one quarter inch
- Maintains aesthetics of enclosure

Features

- All models are 115V with an expected service life of 30,000 hours
- High-performance fan motors and finger guards
- Polycarbonate fire retardant plastic grilles, UL94-VO
- Durable, reusable filter mat included
- Patented "Click and Fit" system allows for rapid filterfan and exhaust filter installation without screws (This time-saving feature cuts installation time by up to 30 minutes when compared to traditional box fan packages)
- Cutout template provided with every unit.
- Filterfan or exhaust filter simply snaps into cutout opening
- Connector type: WPF10 Series 2 has 12-inch wires. WPF20-WPF60 Series has terminal strip

Standards

- UL/CSA fan motor
- NEMA 1 (NEMA 12 with optional WPFG series gasket)
- IP43 (IP54 with optional WPFG Series gasket)

Accessories

Gaskets (WPFG Series) recommended if installing on enclosure with textured finish
Replacement Filters (WPFM Series)

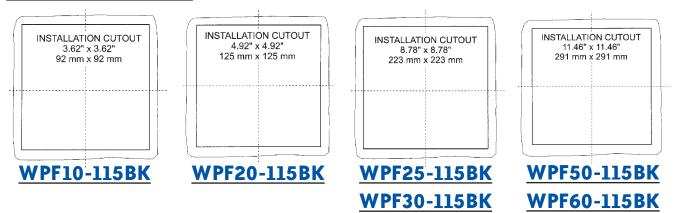
Part Number	Price	Rated Voltage	Free Flow Air Delivery (CFM) ¹	Air Delivery with Exhaust (CFM)	Max. Static Press. (PA)	Ambient Temp. Degree F Max/Min	Filter Density (G/M2)	Filtering Level	Sound Level (dB)	Required Cutout Sizes
WPF10-115BK	check	115V	18.65	11.64	29	140/14	150	67%	39	3.62x3.62 (92x92)
WPF20-115BK	check	115V	43.64	32.67	69	122/14	350	83%	49	4.92x4.92 (125x125)
WPF25-115BK	check	115V	101.97	71.63	57	122/14	350	83%	55	8.78x8.78 (223x223)
WPF30-115BK	check	115V	194.29	163.46	89	122/14	350	83%	55	8.78x8.78 (223x223)
WPF50-115BK ²	check	115V	358.93	272.44	205	122/14	350	83%	69	11.46x11.46 (291x291)
WPF60-115BK ²	check	115V	486.55	348.04	225	122/14	350	83%	71	11.46x11.46 (291x291)
Note 2: Intake fan us	Note 1: For operation at 50Hz, reduce CFM by 13%. Note 2: Intake fan use only Dimensions in inches (millimeters)									

Automation Direct

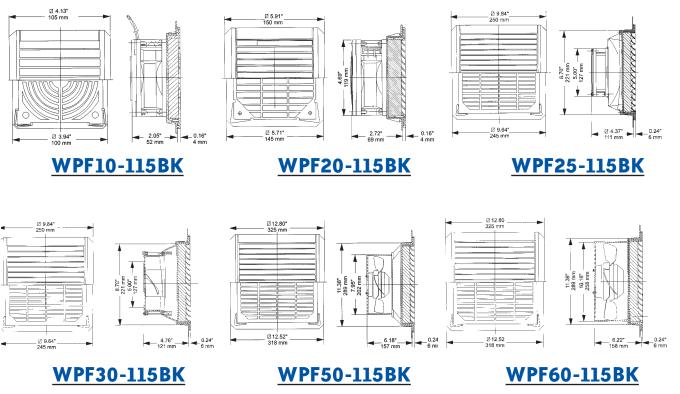
Filterfan Kit Cutouts and Dimensions



Installation cutouts



Dimensions



ENCLOSURES

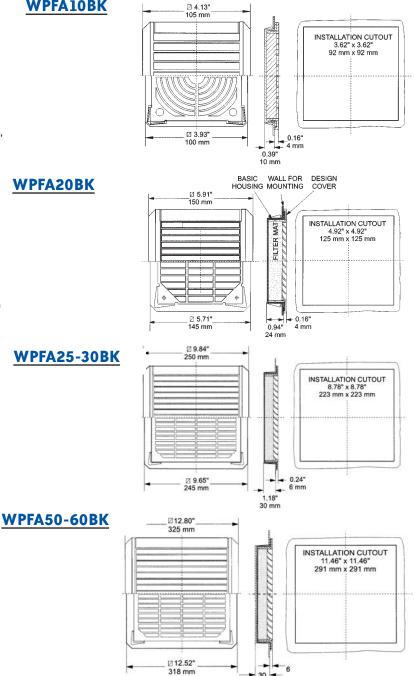
Exhaust Grille and Filter Accessories

WIEGMANN HUBBELL Enclosures for Electrical/Electronic Equipment



Part Number	Price	Filter Density (G/M2)	Mass Filter Level %	Required cut out dimensions				
WPFA10BK	check	150	67%	3.62x3.62 (92x92)				
WPFA20BK	check	350	83%	4.92x4.92 (125x125)				
WPFA25-30BK	check	350	83%	8.78x8.78 (223x223)				
WPFA50-60BK	check	350	83%	11.96x11.96 (291x291)				
Dimensions in inches (millimeters)								

WPFA10BK



Exhaust grille

Features

- Polycarbonate fire retardant plastic grilles, UL94-VO
- Durable, reusable filter mat included

Standards

- NEMA 1 (NEMA 12 with optional WPFG Series gasket)
- IP43 (IP54 with optional WPFG Series gasket)

Accessories

• Gaskets (WPFG Series) recommended if installing on enclosure with textured finish

26-126 Enclosures

1 - 8 0 0 - 6 3 3 - 0 4 0 5

EXHAUST GRILLE AND FILTER ACCESSORIES



Rubber gaskets for filter fans and exhaust grilles

Features

- Packaged individually
- Provide added sealing protection between enclosure and fan housing
- Recommended when fans or exhaust grilles are installed on enclosures with textured finishes

Standards

• Changes filterfan rating (WPF series) from NEMA 1 to NEMA 12 when installed

Replacement filter mats

Applications

• Replacement filter mats for WPF series filterfans and WPFA series exhaust grilles

Features

- Packaged in quantities of five
- Made of washable synthetic fibers
- Reusable up to 20 times
- 100% resistant to humidity



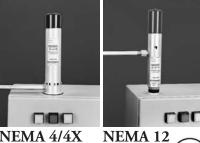
Part Number	Price	Use With This Filterfan Kit Part Number	Price	Use With This Exhaust Grille and Filter Part Number	Price	Mass Filter Lever %	Dimensions HxW	
WPFM10	check	WPF10-115BK	check	WPFA10BK	check	67	3.40x3.40 (85x85)	
WPFM20	check	WPF20-115BK	check	WPFA20BK	check	83	4.50x4.50 (115x115)	
WPFM25-30	check	WPF25-115BK	check	WPFA25-30BK	check	83	8.30x8.30	
WI I M25-50		WPF30-115BK	check	WITA25-500K	CHECK	05	(210x210)	
WPFM50-60	check	WPF50-115BK	check	WPFA50-60BK	check	83	11x11	
	GIGON	WPF60-115BK	check		UNUUN	00	(280x280)	

Part Number	Price	Use With Filterfan Kit Part Number	Price	Use With Exhaust Grille Part Number	Price	
WPFG10	check	WPF10-115BK	check	WPFA10BK	check	
WPFG20	check	WPF20-115BK	check	WPFA20BK	check	
WPFG25-30	check	WPF25-115BK	check	WPFA25-30BK	check	
WF1 025-50	UIGON	WPF30-115BK	check	WITA25-50DI		
WPFG50-60	check	WPF50-115BK	check	WPFA50-60BK	check	
WPFG50-60	GIBOK	WPF60-115BK	check	WITA50-00DIX		

Enclosure Shipping Schedule							
Same day	1 - 7 days	1 -10 days					
Color indicates shipping lead time in business days.							







NEMA 4/4X

Applications

Compressed air cooling is used where conventional enclosure cooling by air conditioners or heat exchangers is not possible

(Example: Small to medium size enclosures, nonmetallic enclosures, and areas where the size of cooling devices is restricted)

Features

- Suitable for harsh environments
- Small physical size
- Creates cool air without refrigerants (no CFCs, HCFCs)
- Exceptionally reliable no moving parts and virtually no maintenance

Requirements

- Uses clean, dry, oil-free compressed air (100 PSIG / 70 degrees F or below) required to achieve published BTU/hr ratings. Lower pressures and higher temperatures will reduce BTU/hr ratings.
- A 5-micron water and particulate removal filter must be installed prior to operating any vortex cooler (included in kits).
- An oil removal filter can be installed between the 5 micron filter and the Vortex Cooler if oil is present in the compressed air line.

Mounting holes

- NEMA 12 kits: (1) 1-3/32" (28mm) or 3/4" knockout hole for cooling tube and (1) 11/16" hole for thermostat
- NEMA 4 and 4X kits: (1) 1-15/16" (49mm) or 1-1/2" knockout hole for cooling tube and (2) #8 holes for thermostat

Kit includes the following:

- Vortex cooling tube
- Solenoid valve 120V / 60Hz 110V / 50Hz
- Filter: 5-micron water and particulate
- removal
- Ducting kit
- Thermostat

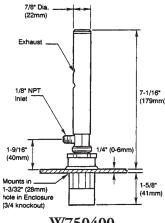
Standards UL Listed

NEMA 12, NEMA 4 or NEMA 4X

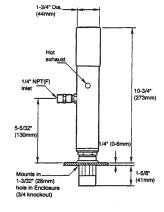
How vortex coolers create cold air

Vortex coolers are powered by a vortex tube - a unique device that creates a vortex from compressed air and separates it into hot and cold airstreams. Here's how it works: The vortex tube's cylindrical generator causes the input compressed air to rotate, reaching speeds up to 1,000,000 rpm as it is forced down the inner walls of the hot longer end of the vortex tube. At the end of the hot tube, a small portion of this air exits through a needle valve as hot air exhaust. The remaining air is forced back through the center of the incoming air stream at a slower speed. The heat in the slower moving air is transferred to the faster moving incoming air. This super-cooled air flows through the center of the generator and exits through the cold air exhaust port.

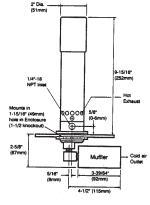
Part Number	Price	Capacity BTU/H	Capacity KCAL/H	Air Consump- tion SCFM	Air Consump- tion SLPM	Air Consumption Thermostat (Factory Set)		Thermostat Mounting	NEMA Type	UL Type	Cooling Tube Material
W750400	check	400	101	8	227	90°F ± 2°	150°F	External	12	12	Aluminum
W740900	check	900	225	15	425	90°F ± 2°	150°F	External	12	12	Aluminum
W7901500	check	1500	378	25	708	90°F ± 2°	150°F	External	12	12	Aluminum
W7971700	check	1700	425	25	708	90°F ± 2°	150°F	Internal	4	4	Aluminum
W797SS1700	check	1700	425	25	708	90°F ± 2°	150°F	Internal	4X	4X	Stainless St.



W750400



W740900, W7901500



W7971700, W797SS1700

1 - 8 0 0 - 6 3 3 - 0 4 0 5