

ULTIMATE® DRIVE SYSTEM

Enclosures for Variable Frequency Drives

UL / CSA Dual Listed
NEMA 12, 3R & 4
4X (Stainless Steel)



Industy's FIRST Temperature Controlled Enclosures for VFD Motors

Scan QR Code with your mobile device

ULTIMATE® ENCLOSURES

An Industry FIRST...

Versatile, Interchangable, Upgradeable, Easy to Modify, Energy Saving and Safety-These are the key attributes of Wiegmann's Ultimate® Drive System, providing the industy's FIRST environmental temperature control that surrounds VFD motors.

YOU CAN PUT IT ALL TOGETHER FROM STOCK!

Wiegmann Ultimate® Drive Selector Software

The selector software makes it easy to match specific user needs to exact environmental and enclosure requirements.

Selecting attributes generates an 'Ordering Code' that is provided to a Wiegmann Representative or directly to the factory.

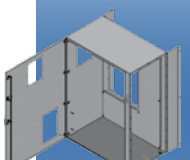
The Ordering Code is then translated to: DRIVE SYSTEM PART NUMBERS & BILL OF MATERIALS, with PRICING provided and ENGINEERED DRAWINGS if required.

GO TO
www.hubbell-wiegmann.com
FOR SIZING SOFTWARE



QUICK LOCATOR TO PRODUCTS IN THIS DOCUMENT & WEB

DRIVE ENCLOSURE



Flange Mount
Page 6

Surface Mount
Page 6

BACK PANEL



"L" and Standard
Back Panels
Page 7
"Exclusively Included with Enclosure"

DRIVE PLATE



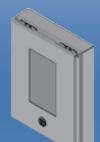
Accessory
Drive Plates
Page 7-8

AC PLATE or FAN APPLICATION



Flange Mount
Page 9
(Drive Selector
Software)

HMI ENCLOSURE OPTION



Operator Interface
Page 10
Stainless Steel
Available

WEATHER HOOD



Flange Type
Drive Protection
Page 10

Air Conditioners Units / Basic Cooling Methods - Inside Back Cover

A/C Units In Stock - Back Cover

ULTIMATE® ENCLOSURES

FEATURES-SPECIFICATIONS

Versatile, Interchangeable & Energy Saving

Applications
Ultimate Drive Enclosures from Wiegmann are designed to control the environment that surrounds the Variable Frequency Drive Motor. For use where dirt, dust, oil, water or other contaminates are present, including NEMA 3R and NEMA 4 (hosedown) requirements.

Typical applications include:

- Industrial and Commercial Facilities
- Municipal Infrastructure
- Data Centers
- Irrigation Systems & Pumping Stations
- Water Treatment Plants
- VFD's requiring a wide horsepower range (1-350 HP)

Features/Benefits

- Exchanging/Fan System), reduces long term operating cost
- Extended range of Temperature Control with just 3 drive enclosure sizes
- UL recognized mounting plates designed for field installation
- Interchangeable Plate System with future adaptability
- Closed Loop System permits high HP drive applications to be used in smaller size enclosure
- System accommodates Allen-Bradley® 750 Series drives plus other manufacturer's drives
- Human-Machine Interface (HMI) interaction
- Built-in Disconnect for short circuit protection
- 80 to 115 Degree F ambient temperature operating range
- Interior and exterior of enclosure with white reflective powder coating provides additional heat reduction
- Sizing Software Program matches user specific needs to exact enviromental / enclosure requirements



Carbon Steel with HMI

Construction

- Enclosure bodies and doors fabricated from 14 gauge carbon steel with 10 gauge side plates and drive plates
- Available in 304 or 316 Stainless Steel
- Continuously welded seams ground smooth and painted
- Grounding studs welded to the door and body assuring a positive ground
- Flange type VFD enclosure mounting brackets of 10 gauge steel
- Surface type VFD enclosures have standard N412C style mounting holes
- Collar studs provided for optional back panel
- Doors sealed with foam-in-place gasket and are provided with 3 point keylocking/padlocking combination handle
- Integral print pocket and hole seal for weep hole application

Finish

- Interior/Exterior of enclosures with white textured paint to reflect and reduce heat
- Factory installed back panels are unpainted galvanized steel for conductive finish
- Accessory drive plates, AC & heat exchanger plates, blank fan plates, louver plates and HMI enclosures finished in white to match enclosure
- Stainless Steel enclosures with stock brushed finish or white powder coat over SS available.
- Back Panels (L Style and Full)
- Weather Hood in 3 sizes

UL 508A & 508E, Types 4/4X,12, 3R
CSA Cerfified, Types 4/4X,12, 3R
NEMA/EEMAC Types 4/4X, 12, 3R

UL Fi l e E64791

CSA Fi l e LL66078

Recognized Accessories

EXCLUSIVE FACTORY INSTALLED BACK PANELS



Stainless Steel with HMI

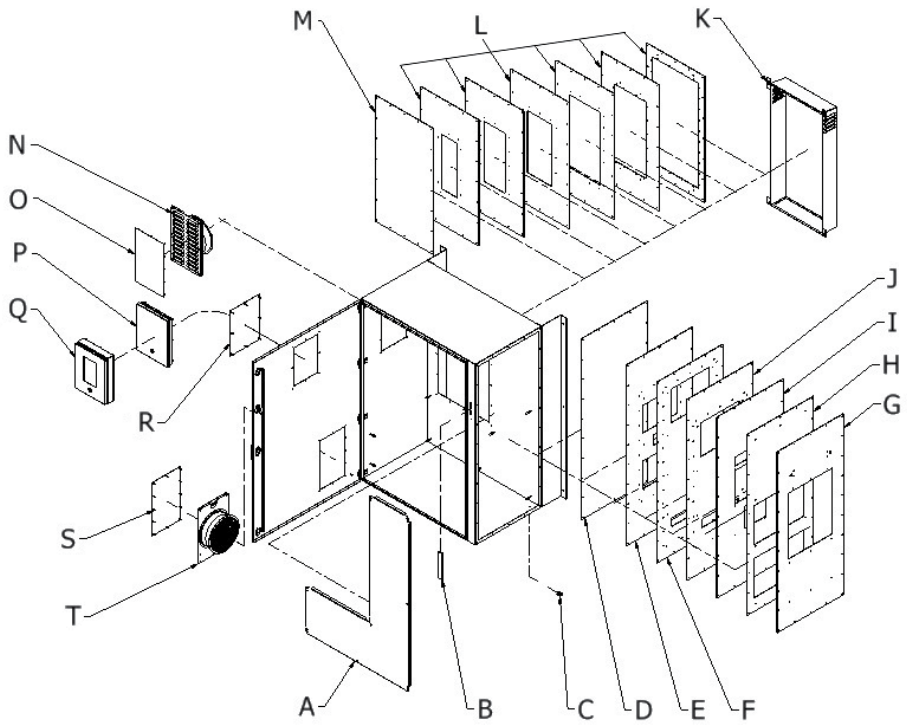
- Drive Plates for Allen Bradley and other VFD brands
- AC/Heat Exchanger Plates for sidewall mounting of Environmental Control
- Blank Cover Plates available for all enclosure openings
- N412MFK Mounting Foot Kit for surface mount enclosures (N412MFKSS for SS)
- HMI Enclosures for flange and surface mounted enclosures
- Fans, Filters & Louver Plate assemblies
- All mounting hardware and gasketing included with accessories.

ULTIMATE® ENCLOSURES

VFD FLANGED STYLE ENCLOSURES

A. L - Shaped Drive Sub Panel
B. Blank Adapter/Sealing Plate
C. NEMA 4 Hole Seal
D. Blank Adapter Plate
E. Adapter Plate for Heat Exchanger
F. Adapter Plate for AC Unit (3,000 BTU)
G. Adapter Plate for AC Unit (5,000 BTU)
H. Adapter Plate for AC Unit (14,000 BTU)
I. Adapter Plate for Heat Exchanger
J. Adapter Plate for Heat Exchanger
K. Drive Weather Hood
L. Pre Punched Adapter Plates for Multiple VFD Brands
M. Blank Drive Adapter Plate
N. NEMA 3R Fan Kit (for Intake or Exhaust)
O. Fan Cutout Sealing Plate (for Enclosure)
P. NEMA 3R HMI Enclosure
Q. NEMA 4 HMI Enclosure
R. HMI Cutout Sealing Plate
S. Fan Cutout Sealing Plate (for Door)
T. NEMA 3R Fan Kit (for Intake or Exhaust)

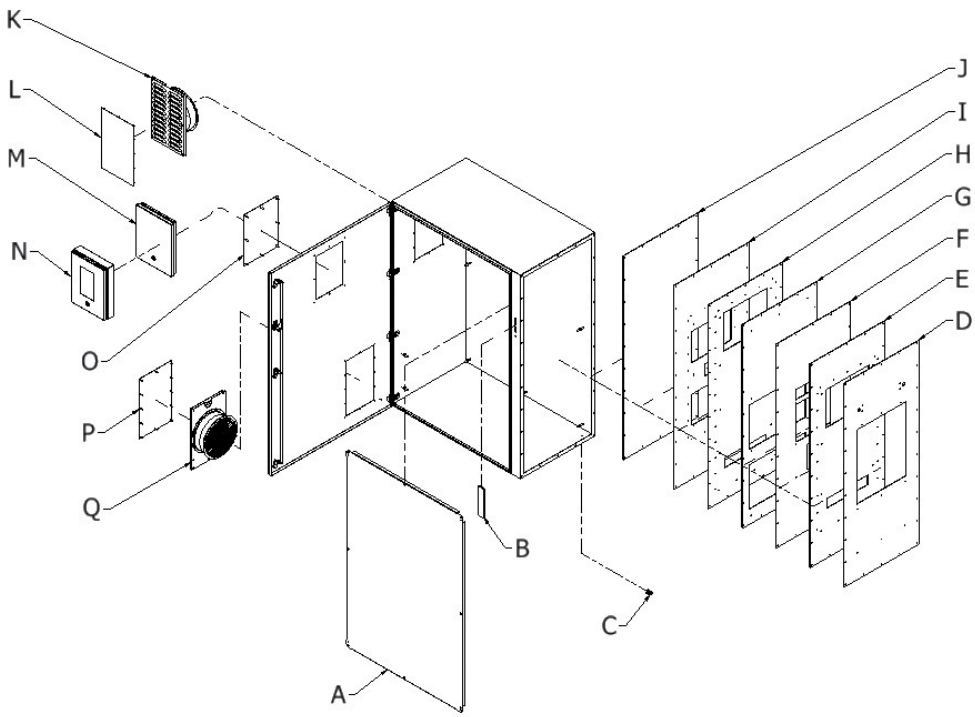
Black denotes standard with drive enclosure.
Red optional.



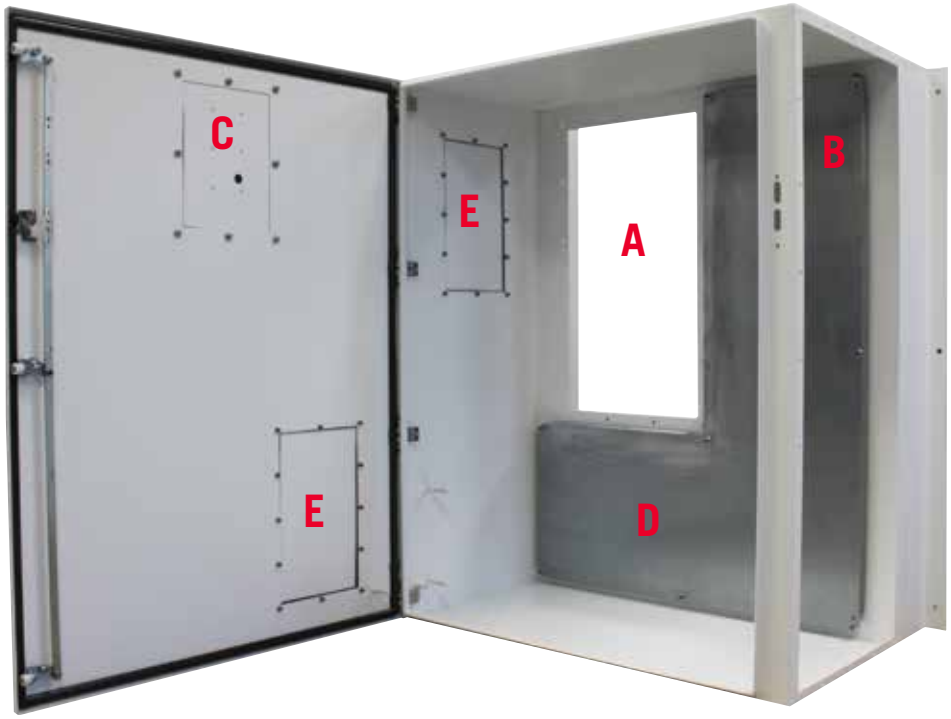
VFD SURFACE STYLE ENCLOSURES

A. Drive Sub Panel
B. Blank Adapter/Sealing Plate
C. NEMA 4 Hole Seal
D. Adapter Plate for AC Unit (14,000 BTU)
E. Adapter Plate for AC Unit (3,000 BTU)
F. Adapter Plate for AC Unit (5,000 BTU)
G. Adapter Plate for Heat Exchanger
H. Adapter Plate for Heat Exchanger
I. Adapter Plate for Heat Exchanger
J. Blank Adapter Plate
K. NEMA 3R Fan Kit (for Intake or Exhaust)
L. Fan Cutout Sealing Plate (for Enclosure)
M. NEMA 12 HMI Enclosure
N. NEMA 4 HMI Enclosure
O. HMI Cutout Sealing Plate
P. Fan Cutout Sealing Plate (for Door)
Q. NEMA 3R Fan Kit (for Intake or Exhaust)

Black denotes standard w/ drive enclosure.
Red optional.



ULTIMATE® ENCLOSURES





- L - Shaped subpanel with Allen-Bradley® Drive installed.
- Enclosure shown with cooling unit mounted to right side.

* Allen-Bradley Copyright® of Rockwell Automation.

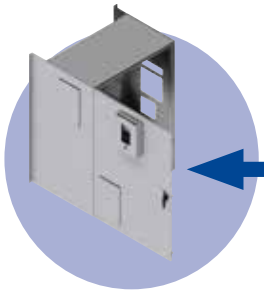
A - Opening for flange type enclosure houses multiple sized (flange mounted) VFD's that extend through the back

B - Opening for A/C or heat exchanger unit provides 'closed loop' system

C - Enclosure door designed for HMI capability

D - "L" Shaped subpanel allows installation of flange style VFD's and associated components

E - Opening for open loop fan system

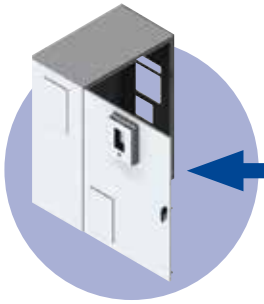


Versatile, Interchangeable & Temp Control

The Flange Drive Enclosure for external drive motor application. The external drive keeps excess heat on the outside of the cabinet and allows for more useable internal space.



HMI available as optional accessory on Flange and Surface Mounted Drives.



The Surface Mount Drive Enclosure for internal drive motor application. The internal drive mounts directly to back panel of cabinet

ULTIMATE® ENCLOSURES

Flange Type Enclosures

House Multiple Sized (flange mounted) VFDs that extend through the back.



BACK



INSIDE - L SHAPED BACK PANEL "INCLUDED"



FRONT

Current Available Drive Plate Brands

- Allen - Bradley
- Schneider
- Toshiba
- Brands to Follow - ABB and Siemens

EXCLUSIVE FACTORY INSTALLED BACK PANELS

DN412CDF SERIES SINGLE DOOR ENCLOSURES

CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	L STYLE BACK PANEL CATALOG NUMBER	L TYPE BACK PANEL PANEL SIZE	NO. OF HINGES	MOUNTING STYLE	PAINT COLOR
DN412363816CDF*†	14/14	36.00 x 38.00 x 16.38 (914 x 965 x 416)	DFNP3636CG	34.2 x 34.2 (869 x 869)	3	FLANGE MTG BRACKETS	WHITE TEXTURE
DN412483819CDF*†	14/14	48.00 x 38.00 x 19.25 (1219 x 965 x 489)	DFNP4836CG	46.2 x 34.2 (1173x869)	4	FLANGE MTG BRACKETS	WHITE TEXTURE
DN412523822CDF*†	14/14	52.00 x 38.00 x 22.00 (1321 x 965 x 559)	DFNP5236CG	50.2 x 34.2 (1275 x 869)	4	FLANGE MTG BRACKETS	WHITE TEXTURE

* Add Suffix SS for Grained Stainless Steel
† Consult Factory for 316 Stainless Steel

Surface Type Enclosures

House Multiple Sized (surface internally mounted) VFDs



BACK



INSIDE - BACK PANEL "INCLUDED"



FRONT

EXCLUSIVE FACTORY INSTALLED BACK PANELS

DN412CDS SERIES SINGLE DOOR ENCLOSURES

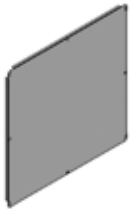
CATALOG NUMBER	BODY/DOOR STEEL GAUGE	ENCLOSURE SIZE H X W X D	BACK PANEL CATALOG NUMBER	STD PANEL BACK PANEL SIZE	NO. OF HINGES	MOUNTING STYLE	PAINT COLOR
DN412363816CDS*†	14/14	36.00 x 38.00 x 16.38 (914 x 965 x 416)	NP3636CG	34.2 x 34.2 (869 x 869)	3	MOUNTING HOLES	WHITE TEXTURE
DN412483819CDS*†	14/14	48.00 x 38.00 x 19.25 (1219 x 965 x 489)	NP4836CG	46.2 x 34.2 (1173 x 869)	4	MOUNTING HOLES	WHITE TEXTURE
DN412523822CDS*†	14/14	52.00 x 38.00 x 22.00 (1321 x 965 x 559)	NP5236CG	50.2 x 34.2 (1275 x 869)	4	MOUNTING HOLES	WHITE TEXTURE

* Add Suffix SS for Grained Stainless Steel
† Consult Factory for 316 Stainless Steel



CATALOG NUMBER	STEEL GAUGE	DESCRIPTION	L TYPE BACK PANEL PANEL SIZE	GALVANIZED
DFNP3636CG	12	"L" SHAPED GALVANIZED PANEL	34.2X34.2 (869X869)	NO PAINT
DFNP4836CG	12	"L" SHAPED GALVANIZED PANEL	46.2X34.2 (1173X869)	NO PAINT
DFNP5236CG	12	"L" SHAPED GALVANIZED PANEL	50.2X34.2 (1275X869)	NO PAINT

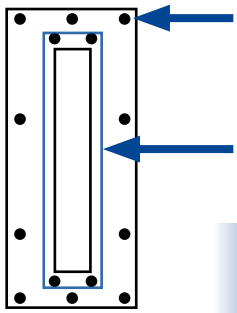
STANDARD DRIVE ENCLOSURE BACK PANELS



CATALOG NUMBER	STEEL GAUGE	DESCRIPTION	L STYLE BACK PANEL CATALOG NUMBER	GALVANIZED
NP3636CG	12	STD GALVANIZED FLANGED PANEL	34.2X34.2 (869X869)	NO PAINT
NP4836CG	12	STD GALVANIZED FLANGED PANEL	46.2X34.2 (1173X869)	NO PAINT
NP5236CG	12	STD GALVANIZED FLANGED PANEL	50.2X34.2 (1275X869)	NO PAINT

Drive Plates

The standardized pattern allows for an interchangeable system to accommodate many manufacturers VFDs.



Standerdized Punch Pattern For Bolting to Enclosure

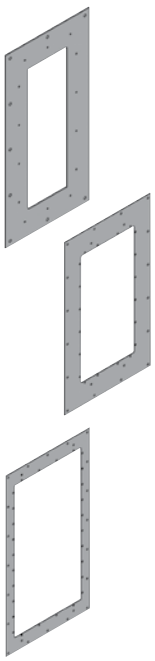
Punch Pattern Installed for Specific VFD with Heat Sink

Blank Plates Available for Custom Installations

Wiegmann Ultimate® Drive Selector Software

The selector software makes it easy to match specific user needs to exact environmental and enclosure requirements.

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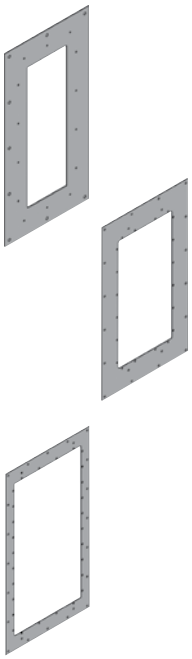


ALLEN-BRADLEY® ACCESSORY DRIVE PLATES* & BLANK PLATES**

CARBON STEEL CATALOG NUMBER	STAINLESS STEEL† CATALOG NUMBER	DESCRIPTION	HP / PUNCHING	750 ALLEN-BRADLEY SERIES
DF36CVP	DF36CVPSS	BLANK DRIVE PLATE	BLANK (includes mounting holes)	**See Note Below
DF36CVPF2	DF36CVPF2SS	DRIVE FRAME SIZE 2	1-15HP	750 AC DRIVE (AB)
DF48CVP	DF48CVPSS	BLANK DRIVE PLATE	BLANK (includes mounting holes)	**See Note Below
DF48CVPF2	DF48CVPF2SS	DRIVE FRAME SIZE 2	1-15HP	750 AC DRIVE (AB)
DF48CVPF3	DF48CVPF3SS	DRIVE FRAME SIZE 3	20-30HP	750 AC DRIVE (AB)
DF48CVPF4	DF48CVPF4SS	DRIVE FRAME SIZE 4	40-50HP	750 AC DRIVE (AB)
DF48CVPF5	DF48CVPF5SS	DRIVE FRAME SIZE 5	60-70HP	750 AC DRIVE (AB)
DF48CVPF6	DF48CVPF6SS	DRIVE FRAME SIZE 6	100-150HP	750 AC DRIVE (AB)
DF52CVP	DF52CVPSS	BLANK DRIVE PLATE	BLANK (includes mounting holes)	**See Note Below
DF52CVPF2	DF52CVPF2SS	DRIVE FRAME SIZE 2	1-15HP	750 AC DRIVE (AB)
DF52CVPF3	DF52CVPF3SS	DRIVE FRAME SIZE 3	20-30HP	750 AC DRIVE (AB)
DF52CVPF4	DF52CVPF4SS	DRIVE FRAME SIZE 4	40-50HP	750 AC DRIVE (AB)
DF52CVPF5	DF52CVPF5SS	DRIVE FRAME SIZE 5	60-70HP	750 AC DRIVE (AB)
DF52CVPF6	DF52CVPF6SS	DRIVE FRAME SIZE 6	100-200HP	750 AC DRIVE (AB)
DF52CVPF7	DF52CVPF7SS	DRIVE FRAME SIZE 7	250-350HP	750 AC DRIVE (AB)

*Stock Drive Plate accomadates Allen-Bradley PowerFlex 750 Series AC Drives
**Blank Plate available which can be modified for use with other brands.
†Consult factory for 316 stainless steel

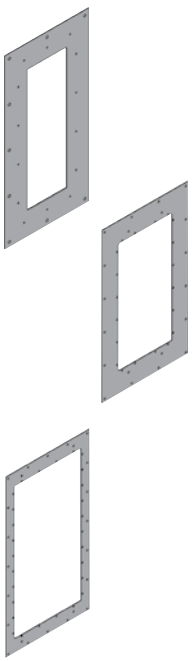
ULTIMATE® ENCLOSURES



SCHNEIDER* ACCESSORY DRIVE PLATES**

CARBON STEEL CATALOG NUMBER	STAINLESS STEEL† CATALOG NUMBER	DESCRIPTION	HP / PUNCHING	SCHEIDER DRIVER SERIES
DSNF48CVPF5B	DSNF48CVPF5BSS	48" SCHNEIDER DRIVE PLATE	20-25HP	ATV71 / ATV61
DSNF48CVPF6	DSNF48CVPF6SS	48" SCHNEIDER DRIVE PLATE	30HP	ATV71 / ATV61
DSNF48CVPF5A	DSNF48CVPF5ASS	48" SCHNEIDER DRIVE PLATE	15HP	ATV71 / ATV61
DSNF48CVPF4	DSNF48CVPF4SS	48" SCHNEIDER DRIVE PLATE	7.5-10HP	ATV71 / ATV61
DSNF48CVPF3	DSNF48CVPF3SS	48" SCHNEIDER DRIVE PLATE	4-5HP	ATV71 / ATV61
DSNF48CVPF2	DSNF48CVPF2SS	48" SCHNEIDER DRIVE PLATE	1-3HP	ATV71 / ATV61
DSNF52CVPF2	DSNF52CVPF2SS	52" SCHNEIDER DRIVE PLATE	1-3HP	ATV71 / ATV61
DSNF52CVPF3	DSNF52CVPF3SS	52" SCHNEIDER DRIVE PLATE	4-5HP	ATV71 / ATV61
DSNF52CVPF4	DSNF52CVPF4SS	52" SCHNEIDER DRIVE PLATE	7.5-10HP	ATV71 / ATV61
DSNF52CVPF5A	DSNF52CVPF5ASS	52" SCHNEIDER DRIVE PLATE	15HP	ATV71 / ATV61
DSNF52CVPF5B	DSNF52CVPF5BSS	52" SCHNEIDER DRIVE PLATE	20-25HP	ATV71 / ATV61
DSNF52CVPF6	DSNF52CVPF6SS	52" SCHNEIDER DRIVE PLATE	30HP	ATV71 / ATV61
DSNF52CVPF7A	DSNF52CVPF7ASS	52" SCHNEIDER DRIVE PLATE	40-50HP	ATV71 / ATV61
DSNF52CVPF8	DSNF52CVPF8SS	52" SCHNEIDER DRIVE PLATE	60-100HP	ATV71 / ATV61
DSNF52CVPF9	DSNF52CVPF9SS	52" SCHNEIDER DRIVE PLATE	125-150HP	ATV71 125HP Only /ATV61 125-150HP

*Stock Drive Plates above accommodate Schneider Drives ATV 71 & 61 without choke.
**Blank Plate available which can be modified for use with other brands.
†Consult factory for 316 stainless steel



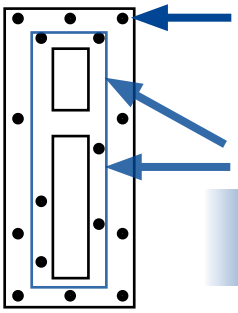
TOSHIBA ACCESSORY DRIVE PLATES**

CARBON STEEL CATALOG NUMBER	STAINLESS STEEL† CATALOG NUMBER	DESCRIPTION / SERIES	HP(kW) / PUNCHING	VOLTAGE
DTSF48CVPF2	DTSF48CVPF2SS	48" DRIVE PLATE -TOSVERT VFAS1	0.5 - 2HP (0.37 - 1.5) 1 - 3HP (0.75 - 2.2)	230 460
DTSF48CVPF3	DTSF48CVPF3SS	48" DRIVE PLATE -TOSVERT VFAS1	3 - 5HP (2.2 - 4) 5HP (4)	230 460
DTSF48CVPF4	DTSF48CVPF4SS	48" DRIVE PLATE -TOSVERT VFAS1	7.5HP (5.5) 7.5 - 10HP (5.5 - 7.5)	230 460
DTSF48CVPF5A	DTSF48CVPF5ASS	48" DRIVE PLATE -TOSVERT VFAS1	10HP (7.5) 15HP (11)	230 460
DTSF48CVPF5B	DTSF48CVPF5BSS	48" DRIVE PLATE -TOSVERT VFAS1	15 - 20HP (11 - 15) 20 - 25HP (15 - 18)	230 460
DTSF48CVPF6	DTSF48CVPF6SS	48" DRIVE PLATE -TOSVERT VFAS1	25 - 30HP (18 - 22) 30HP (22)	230 460
DTSF52CVPF2	DTSF52CVPF2SS	52" DRIVE PLATE -TOSVERT VFAS1	0.5 - 2HP (0.37 - 1.5) 1 - 3HP (0.75 - 2.2)	230 460
DTSF52CVPF3	DTSF52CVPF3SS	52" DRIVE PLATE -TOSVERT VFAS1	3 - 5HP (2.2 - 4) 5HP (4)	230 460
DTSF52CVPF4	DTSF52CVPF4SS	52" DRIVE PLATE -TOSVERT VFAS1	7.5HP (5.5) 7.5 - 10HP (5.5 - 7.5)	230 460
DTSF52CVPF5A	DTSF52CVPF5ASS	52" DRIVE PLATE -TOSVERT VFAS1	10HP (7.5) 15HP (11)	230 460
DTSF52CVPF5B	DTSF52CVPF5BSS	52" DRIVE PLATE -TOSVERT VFAS1	15 - 20HP (11 - 15) 20 - 25HP (15 - 18)	230 460
DTSF52CVPF6	DTSF52CVPF6SS	52" DRIVE PLATE -TOSVERT VFAS1	25 - 30HP (18 - 22) 30HP (22)	230 460
DTSF52CVPF7A	DTSF52CVPF7ASS	52" DRIVE PLATE -TOSVERT VFAS1	40 - 50HP (30 - 37)	460
DTSF52CVPF7B	DTSF52CVPF7BSS	52" DRIVE PLATE -TOSVERT VFAS1	40 - 60HP (30 - 45)	230
DTSF52CVPF9	DTSF52CVPF9SS	52" DRIVE PLATE -TOSVERT VFAS1	60 - 100HP (45 - 75)	460

**Blank Plate available which can be modified for use with other brands.
†Consult factory for 316 stainless steel

AC PLATE (shown) FAN PLATES AVAILABLE

The standardized pattern allows for an interchangeable and versatile system.



Standerdized Punch Pattern for Bolting to Enclosure

Pre Punched from Factory to Fit Specific Air Conditioner Units

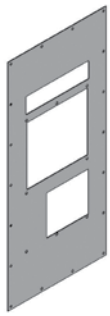
Blank Plates Available for Custom Installations

Wiegmann Ultimate® Drive Selector Software

The selector software makes it easy to match specific user needs to exact environmental and enclosure requirements.

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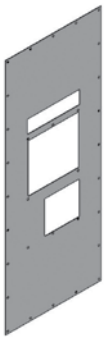
AC & HEAT EXCHANGER STANDARD ENVIRONMENTAL PLATES**

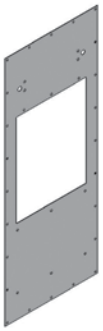


CATALOG NUMBER	DESCRIPTION	BTU / HEAT EX	PAINT COLOR
D36CVP	36 BLANK AC / HEAT EX PLATE	BLANK (includes mounting holes)	**See Note Below
D36CVPKN34C3DP24	36 PUNCHED AC PLATE	3,000 BTU	WHITE TEXTURE
D36CVPKNHX32	36 PUNCHED HEAT EX PLATE	WATTS/F 21	WHITE TEXTURE
D48CVP	48 BLANK AC / HEAT EX PLATE	BLANK (includes mounting holes)	**See Note Below
D48CVPKN34C3DP24	48 PUNCHED AC PLATE	3,000 BTU	WHITE TEXTURE
D48CVPK3N4C5DP38	48 PUNCHED AC PLATE	5,000 BTU	WHITE TEXTURE
D48CVPKNHX32	48 PUNCHED HEAT EX PLATE	WATTS/F 21	WHITE TEXTURE
D52CVP	52 BLANK AC / HEAT EX PLATE	BLANK (includes mounting holes)	**See Note Below
D52CVPKN34C3DP24	52 PUNCHED AC PLATE	3,000 BTU	WHITE TEXTURE
D52CVPK3N4C5DP38	52 PUNCHED AC PLATE	5,000 BTU	WHITE TEXTURE
D52CVPK36C14DP50	52 PUCHED AC PLATE	14,000 BTU	WHITE TEXTURE
D52CVPKNHX32	52 HEAT EX PLATE	WATTS/F 21	WHITE TEXTURE
D52CVPKNHX38	52 HEAT EX PLATE	WATTS/F 44	WHITE TEXTURE
D52CVPKNHX47	52 HEAT EX PLATE	WATTS/F 54	WHITE TEXTURE

*Stock Drive Plate accomadates Allen-Bradley PowerFlex 750 Series AC Drives
**Blank Plate available which can be modified for use with other brands.

STAINLESS STEEL AC & HEAT EXCHANGER ENVIRONMENTAL PLATES*

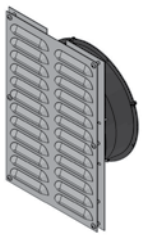




CATALOG NUMBER	DESCRIPTION	BTU / HEAT EX	STAINLESS STEEL
D36CVPSS	36 BLANK AC / HEAT EX PLATE	BLANK (includes mounting holes)	**See Note Below
D36CVP34C3DP24SS	36 PUNCHED AC PLATE	3,000 BTU	GRAINED SS
D36CVPHX32SS	36 PUNCHED HEAT EX PLATE	WATTS/F 21	GRAINED SS
D48CVPSS	48 BLANK AC / HEAT EX PLATE	BLANK (includes mounting holes)	**See Note Below
D48CVP34C3DP24SS	48 PUNCHED AC PLATE	3,000 BTU	GRAINED SS
D48CVP34C5DP38SS	48 PUNCHED AC PLATE	5,000 BTU	GRAINED SS
D48CVPHX32SS	48 PUNCHED HEAT EX PLATE	WATTS/F 21	GRAINED SS
D52CVPSS	52 BLANK AC / HEAT EX PLATE	BLANK (includes mounting holes)	**See Note Below
D52CVP34C3DP24SS	52 PUNCHED AC PLATE	3,000 BTU	GRAINED SS
D52CVP34C5DP38SS	52 PUNCHED AC PLATE	5,000 BTU	GRAINED SS
D52CVP36C14DP50SS	52 PUCHED AC PLATE	14,000 BTU	GRAINED SS
D52CVPHX32SS	52 HEAT EX PLATE	WATTS/F 21	GRAINED SS
D52CVPHX38SS	52 HEAT EX PLATE	WATTS/F 44	GRAINED SS
D52CVPHX47SS	52 HEAT EX PLATE	WATTS/F 54	GRAINED SS

*Stock Drive Plate accomadates Allen-Bradley PowerFlex 750 Series AC Drives
**Blank Plate available which can be modified for use with other brands.

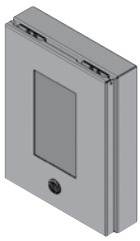
ULTIMATE® ENCLOSURES



DRIVE FAN, FILTER & LOUVER PLATE ASSEMBLIES

CATALOG NUMBER	BODY/DOOR STEEL GUAGE	DESCRIPTION	HOOD SIZE	PAINT COLOR
DFNCVP*†	10	BLANK FAN CUTOUT COVER PLATE	15.31 X 9.50	WHITE TEXTURE
D3R10FN*†	N/A	FAN, FILTER, LOUVER ASSEMBLY	15.31 X 9.50 LOUVER	WHITE TEXTURE
D3RFN*†	N/A	FILTER & LOUVER ASSEMBLY ONLY	15.31 X 9.50 LOUVER	WHITE TEXTURE

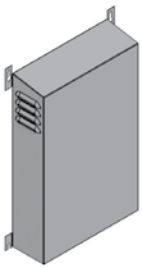
* Add Suffix SS for Grained Stainless Steel
† Consult Factory for 316 Stainless Steel



DOOR HMI PLATE & ENCLOSURES

CATALOG NUMBER	BODY/DOOR STEEL GUAGE	DESCRIPTION	HOOD SIZE	PAINT COLOR
DHMICVP*†	10	BLANK HMI COVER PLATE	13.00 X 10.00 (330 X 254)	WHITE TEXTURE
DHMIN3R*†	14	N12/3R DOOR HMI ENCLOSURE	13.00 X 10.00 X 1.63 (330 X 254 X 41)	WHITE TEXTURE
DHMIN4*†	14	N4 DOOR HMI ENCLOSURE	13.00 X 10.00 X 2.00 (330 X 254 X 51)	WHITE TEXTURE

* Add Suffix SS for Grained Stainless Steel
† Consult Factory for 316 Stainless Steel



DRIVE WEATHER HOOD

CATALOG NUMBER	BODY/DOOR STEEL GUAGE	DESCRIPTION	HOOD SIZE	PAINT COLOR
D36WHD*†	10	BLANK FAN CUTOUT COVER PLATE	15.31 X 9.50	WHITE TEXTURE
D48WHD*†	14	FAN, FILTER, LOUVER ASSEMBLY	15.31 X 9.50 LOUVER	WHITE TEXTURE
D52WHD*†	14	FILTER & LOUVER ASSEMBLY ONLY	15.31 X 9.50 LOUVER	WHITE TEXTURE

* Add Suffix SS for Grained Stainless Steel
† Consult Factory for 316 Stainless Steel



BLANK ADAPTER / SEALING PLATE

CATALOG NUMBER	DESCRIPTION	SIZE H X W X D	FINISH
DWA3456BAP*†	BLANK ADAPTER / SEALING PLATE	1.25 X 2.75	WHITE TEXTURE

* Add Suffix SS for Grained Stainless Steel
† Consult Factory for 316 Stainless Steel



DRIVE ENCLOSURE TOUCH UP PAINT

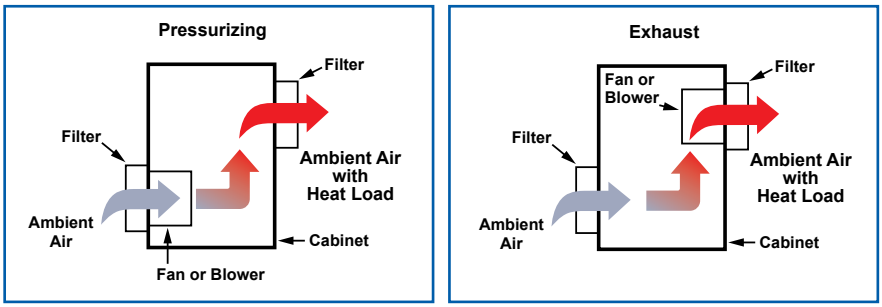
CATALOG NUMBER	DESCRIPTION	Quantity	PAINT COLOR
DWTTUP	TOUCH-UP PAINT DRIVE ENCLOSURE TEXTURE	12 OZ. SPRAY CAN	WHITE TEXTURE

ENCLOSURE ENVIRONMENTAL CONTROL

When components made to perform electro-technical tasks are confined within an enclosure, the topic of heat loss should be considered. Fluctuations in ambient temperatures and evironmental conditions can considerably reduce the service life of electronic components.

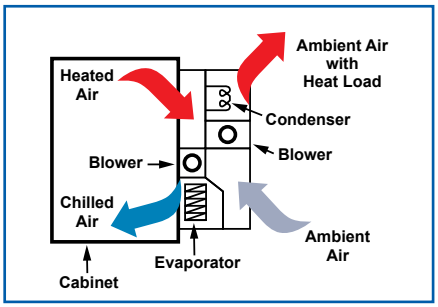
BASIC COOLING METHODS

FORCED-AIR FAN COOLING



If the installation will be in a clean, non-hazardous environment with an acceptable ambient (outside the enclosure) temperature range, a simple forced-air cooling system utilizing outside air is usually adequate. Combined with an air filter, such devices generally meet the heat removal needs of typical electronic equipment and many electrical applications.

CLOSED-LOOP AC COOLING



Used for more demanding temperature and hazardous environments. Closed-loop cooling consists of two separate circulation systems. One system seals out the ambient air and recirculates clean cool air throughout the enclosure. The second system uses ambient air or water to remove and discharge the heat.

ULTIMATE® ENCLOSURES

HUBBELL
WIEGMANN®
501 West Apple
Freeburg, IL 62243
TEL: 618-539-3193
www.hubbell-wiegmann.com

In Stock Air Conditioning Units

Wiegmann also has many other AC models and sizes available upon request.

GUARDIAN X SERIES - STAINLESS STEEL AC UNITS

Product Line					
					
	1000 BTU	3000 BTU	3000 BTU	5000 BTU	5000 BTU
Catalog No.	WNA4C1DP15LV	WNA4C3DP21LV	W3NA4C3DP24LV	WNA4C5DP33LV	W3NA4C5DP38LV
Size	15.48 x 8.12 x 7.06	21.01 x 12.00 x 10.18	23.97 x 12.00 x 10.18	33.91 x 17.23 x 11.22	38.99 x 17.29 x 11.22
Ambient Temperture Range	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min 0 °C - Max. 55 / Min -18	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min 0 °C - Max. 55 / Min -18
Hz	60 / 50	60 / 50	60 / 50	60 / 50	60
Voltage	115	115	480	115	480
Ratings	NEMA Type 4X UL/CUL Listed	NEMA Type 4X UL/CUL Listed	NEMA Type 4X UL/CUL Listed	NEMA Type 4X UL/CUL Listed	NEMA Type 4X UL/CUL Listed

GUARDIAN SERIES - AC UNITS

Product Line					
					
	1000 BTU	3000 BTU	3000 BTU	5000 BTU	5000 BTU
Catalog No.	WNA4C1DP15L	WNA4C3DP21L	W3NA4C3DP24L	WNA4C5DP33L	W3NA4C5DP38L
Size	15.48 x 8.12 x 7.06	21.01 x 12.00 x 10.18	23.97 x 12.00 x 10.18	33.91 x 17.23 x 11.22	38.99 x 17.29 x 11.22
Ambient Temperture Range	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min 0 °C - Max. 55 / Min -18	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min 0 °C - Max. 55 / Min -18
Hz	60 / 50	60 / 50	60 / 50	60 / 50	60
Voltage	115	115	480	115	480
Ratings	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed

GUARDIAN SERIES - AC UNITS

Product Line						
						
	7000 BTU	7000 BTU	9000 BTU	9000 BTU	14000 BTU	14000 BTU
Catalog No.	WNA4C7DP43L	W3NA4C7DP52L	WNA4C9DP47L	W3NA4C9DP52L	W2NA6C14DP50L	W3NA6C14DP50L
Size	43.49 x 17.25 x 9.77	52.02 x 17.38 x 9.85	47.24 x 17.23 x 9.77	52.02 x 17.38 x 9.85	50.05 x 20.14 x 12.05	50.04 x 20.14 x 12.05
Ambient Temperture Range	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min 0 °C - Max. 55 / Min -18	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min 0 °C - Max. 55 / Min -18	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29	°F - Max. 131 / Min -20 °C - Max. 55 / Min -29
Hz	60 / 50	60	60 / 50	60	60	60
Voltage	115	480	115	480	230	480
Ratings	NEMA Type 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed	NEMA Type 12, 4 UL/CUL Listed