

# FlexPak 3000 DC Drives

## MODIFIED STANDARD V\*S DRIVES

### FlexPak 3000 Drives: 460 VAC



Base Non-Regen MN	75FN4042	100FN4042	125FN4042	150FN4042	200FN4042	250FN4042	300FN4042	400FN4041	500FN4041	600FN4041
HP Rating	75	100	125	150	200	250	300	400	500	600
Base Drive List	\$6,120	\$6,835	\$7,140	\$7,750	\$12,035	\$12,545	\$12,545	\$19,025	\$19,280	\$19,890
Base Regen MN	75FR4042	100FR4042	125FR4042	150FR4042	200FB4042	250FB4042	300FB4042	400FR4041	500FR4041	600FR4041
HP Rating	75	100	125	150	200	250	300	400	500	600
Base Drive List	\$6,935	\$7,650	\$7,955	\$8,570	\$19,100	\$19,360	\$20,300	\$30,090	\$30,600	\$31,110
Enclosure Options										
NEMA 1	3,150	3,150	3,150	4,150	4,150	4,150	4,150	5,171	5,171	5,171
NEMA 1A-Force Vent w/Fan & Filter <sup>(5)</sup>	N/A	N/A	N/A	725	725	725	725	STD	STD	STD
NEMA 12/4 <sup>(2)</sup>	13,000	13,000	13,000	13,000	13,000	13,000	13,000	CF	CF	CF
Input Protection & Disconnect Options										
Input Fuses Only	STD	STD	STD	STD	STD	STD	STD	STD	STD	STD
Disconnect Switch & Door Handle	1,425	1,425	1,425	2,175	2,575	4,150	4,150	5,170	5,170	5,170
Inverting Circuit Breaker <sup>(6)</sup>	1,800	1,800	1,800	2,550	STD	STD	STD	(4)	(4)	(4)
Door Mounted Operator Devices										
Door Mounted OIM <sup>(7)</sup>	320	320	320	320	320	320	320	320	320	320
Maintained Start/Stop Switch	106	106	106	106	106	106	106	106	106	106
Momentary Start/Stop Pushbuttons	172	172	172	172	172	172	172	172	172	172
E-Stop Pushbutton (Mushroom Head)	106	106	106	106	106	106	106	106	106	106
Jog Pushbutton	86	86	86	86	86	86	86	86	86	86
Pilot Lights (each) <sup>(1)</sup>	86	86	86	86	86	86	86	86	86	86
Contactors, Control Transformers & Line Reactors										
Input Contactor <sup>(1)</sup>	STD	STD	STD	STD	STD	STD	STD	CF	CF	CF
Output DC Contactor <sup>(1)</sup>	CF	CF	CF	CF	CF	CF	CF	STD	STD	STD
Blower Motor Starter <sup>(1)</sup>	500	500	500	500	500	500	500	500	500	500
ESP Brush Monitor	950	950	950	950	950	950	950	950	950	950
Control Transformer: 460:120 VAC, 250 VA	300	300	300	300	300	300	300	300	300	300
3% Impedance Input Line Reactor	897	897	1,273	1,663	1,663	1,796	1,878	2,646	3206	4372
Dynamic Braking										
Contactor & Resistors <sup>(1)(3)</sup>	2,125	2,125	2,400	2,600	2,700	4,150	4,300	3,300	3,400	3,700

- (1) Requires Control Transformer option
  - (2) Usually includes a cooling device and control transformer
  - (3) Dynamic Braking may require resistors to be mounted on top of cabinet
  - (4) Included in base price of the drive. Add \$300 to the list price for mounting.
  - (5) Adder to NEMA 1 price
  - (6) Available on regenerative drives only
  - (7) Not available on NEMA 4 drives
- CF = Contact Factory

DISCOUNT: MS-50D

## FlexPak 3000 ENCLOSURE DIMENSIONS

FlexPak3000 HP	IP20 / NEMA 1	IP65 / NEMA 4	IP54 / NEMA 12
1.0 - 15	B	B	B
20 - 30	B	C	C
40 - 60	B	E	D
75	C	E	D
100	C	E	D
125	C	E <sup>(2)</sup>	D <sup>(2)</sup>
150	D	E <sup>(2)</sup>	D <sup>(2)</sup>
200	D	E <sup>(2)</sup>	D <sup>(2)</sup>
250	D	E <sup>(2)</sup>	D <sup>(2)</sup>
300	D	E <sup>(2)</sup>	D <sup>(2)</sup>
400	D <sup>(1)</sup>	N/A	(3)
500	D <sup>(1)</sup>	N/A	(3)
600	D <sup>(1)</sup>	N/A	(3)

- (1) Include door mounted fan and filter for positive pressure ventilation
- (2) Include a cooling device
- (3) Contact factory

## Floor-Mounted Cabinets\*

Cabinet Version	Enclosure Size (A x B x C) mm (in)	Approximate Weight kg(lb)
D	2204 (87) x 864 (34) x 610 (24)	328 (725)
E	1830 (72) x 914 (36) x 610 (24)	328 (725)

- Version "E" is NEMA 4 only.
- Version "D" cabinet is gray with a white interior panel.
- Version "E" cabinet is gray with a white interior panel.

Enclosures with heat exchange add about 10 inches to the width.

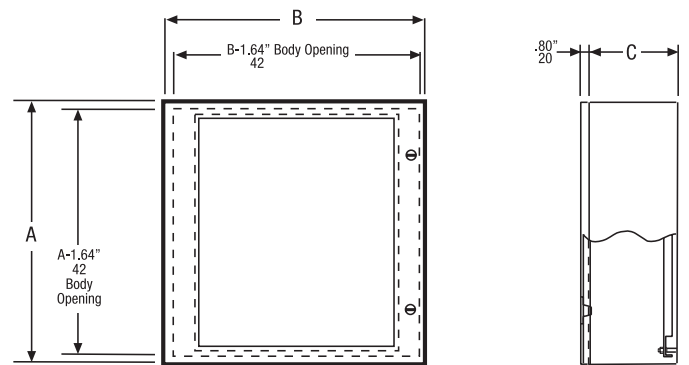
Enclosures with air conditioners add 15 inches to the width.

\* Dimensions are estimates and are subject to change after engineering and drafting.

## Wall-Mounted Cabinets\*

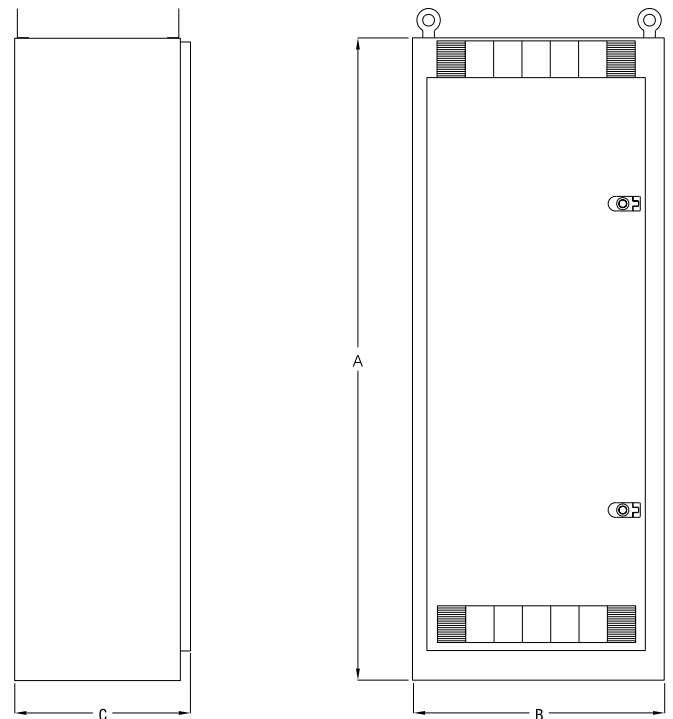
Cabinet Version	Enclosure Size (AxBxC) mm(in)	Approximate Weight kg(lb)
A	610(24)x610(24)x406(16)	40(89)
B	914(36)x762(30)x406(16)	47(103)
C	1219(48)x914(36)x406(16)	59(130)

Wall-mounted cabinets are gray with white interior panels. Enclosures with heat exchangers add 8 inches to width.



Front View

Side View



Front View

Side View