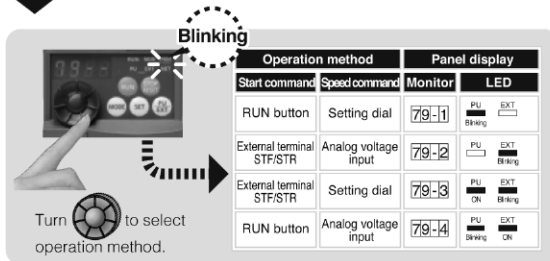


## Easy Set-up



## Your Distributor:

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Printed with Soy inks.  
Effective September, 2007.  
Specifications subject to change without notice.  
L-VH-04040

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# E700 Series

## Variable Frequency Drives



POCKET REFERENCE GUIDE

**MITSUBISHI ELECTRIC  
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## E500 - E700 Conversion Chart

E500 Model Number	E700 Model Number
<b>240 Volt Class</b>	
FR-E520-0.1K-NA	FR-E720-008-NA
FR-E520-0.2K-NA	FR-E720-015-NA
FR-E520-0.4K-NA	FR-E720-030-NA
FR-E520-0.75K-NA	FR-E720-050-NA
FR-E520-1.5K-NA	FR-E720-080-NA
FR-E520-2.2K-NA	FR-E720-110-NA
FR-E520-3.7K-NA	FR-E720-175-NA
FR-E520-5.5K-NA	FR-E720-240-NA
FR-E520-7.5K-NA	FR-E720-330-NA
<b>Dedicated CC-Link® Network Drive</b>	
FR-E520-□.□KN	FR-E720-□□□-NA + FR-A7NC E KIT
<b>Dedicated DeviceNet™ Network Drive</b>	
FR-E520-□.□KND	FR-E720-□□□-NA + FR-A7ND E KIT
<b>480 Volt Class</b>	
FR-E540-0.4K-NA	FR-E740-016-NA
FR-E540-0.75K-NA	FR-E740-026-NA
FR-E540-1.5K-NA	FR-E740-040-NA
FR-E540-2.2K-NA	FR-E740-060-NA
FR-E540-3.7K-NA	FR-E740-095-NA
FR-E540-5.5K-NA	FR-E740-120-NA
FR-E540-7.5K-NA	FR-E740-170-NA
<b>CC-Link Network Option</b>	
FR-E5NC	FR-A7NC E KIT
<b>DeviceNet Network Option</b>	
FR-E5ND	FR-A7ND E KIT
<b>Profibus-DP Network Option</b>	
FR-E5NP	FR-A7NP E KIT
<b>LonWorks® Network Option</b>	
FR-E5NL	FR-A7NL E KIT

### Notes:

- FR-A7□□ E KIT includes plug-in option card and new E700 top cover
- E520 includes a pulse train output (FM), E720 has a 0-10V analog output (AM)
- E700 series utilizes same mounting holes as E500 series

LonWorks is a registered trademark of Echelon Corporation. DeviceNet is a trademark of ControlNet International, Ltd. under license by Open DeviceNet Vendor Association, Inc. CC-Link is a registered trademark of the CC-Link Partner Association.

## 240V Selection Chart

Model Number	Output Amps	HP	Frame Size
FR-E720-008-NA	0.8	1/8	A
FR-E720-015-NA	1.5	1/4	A
FR-E720-030-NA	3	1/2	B
FR-E720-050-NA	5	1	C
FR-E720-080-NA	8	2	E
FR-E720-110-NA	11	3	E
FR-E720-175-NA	17.5	5	G
FR-E720-240-NA	24	7 1/2	K
FR-E720-330-NA	33	10	K
FR-E720-470-NA	47	15	L
FR-E720-600-NA	60	20	L

## 480V Selection Chart

Model Number	Output Amps	HP	Frame Size
FR-E740-016-NA	1.6	1/2	H
FR-E740-026-NA	2.6	1	H
FR-E740-040-NA	4	2	I
FR-E740-060-NA	6	3	I
FR-E740-095-NA	9.5	5	I
FR-E740-120-NA	12	7 1/2	J
FR-E740-170-NA	17	10	J
FR-E740-230-NA	23	15	L
FR-E740-300-NA	30	20	L



## Dimensions - 120V, 240V and 480V Class

Frame Size	Dimensions - inches (mm)			Weight Lbs (kg)
	Height	Width	Depth	
A	5.0 (128)	2.7 (68)	3.2 (81)	1.1 (0.5)
B	5.0 (128)	2.7 (68)	4.5 (113)	1.6 (0.7)
C	5.0 (128)	2.7 (68)	5.3 (133)	2.2 (1.0)
E	5.0 (128)	4.3 (108)	5.4 (136)	3.1 (1.4)
G	5.0 (128)	6.7 (170)	5.7 (143)	3.8 (1.7)
H	5.9 (150)	5.5 (140)	4.5 (114)	4.2 (1.9)
I	5.9 (150)	5.5 (140)	5.4 (135)	4.7 (2.1)
J	5.9 (150)	8.7 (220)	5.8 (147)	7.7 (3.5)
K	10.3 (260)	7.1 (180)	6.5 (165)	9.5 (4.3)
L	10.3 (260)	8.7 (220)	7.5 (190)	19.9 (9)

## E700 Options

Plug-In Options	
Model Number	Description
FR-A7NC E KIT	CC-Link Network Option
FR-A7ND E KIT	DeviceNet Network Option
FR-A7NP E KIT	Profibus-DP Network Option
FR-A7NL E KIT	LonWorks Network Option
FR-A7AX E KIT	Additional 16-bit Digital Input
FR-A7AY E KIT	Additional Analog & Digital Output
FR-A7AR E KIT	Additional Relay Output
External Options	
Model Number	Description
FR-PU07	Alpha-Numeric multi-language keypad
FR-PU07-BB	Battery powered Alpha-Numeric multi-language keypad
FR-CB20□	Keypad extension cable
SC-FRPC	Serial communications cable
FR-ABR-□□K	External brake resistor

Note: FR-A7□□ E KIT includes plug-in option card and new E700 top cover.