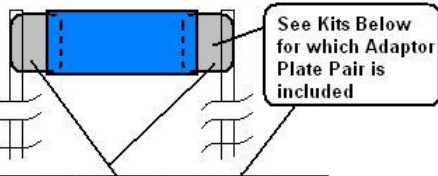
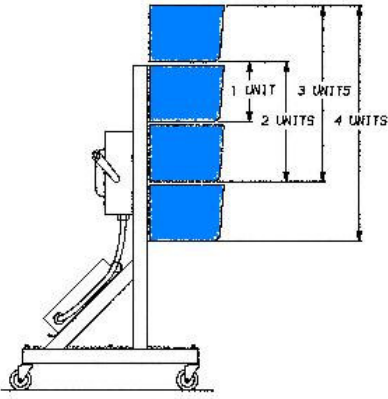


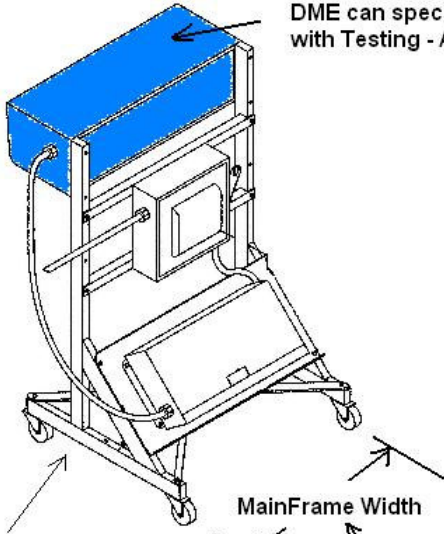
DME SMART SERIES TRANSFORMER KITS - MAINFRAMES NOT INCLUDED



Special Order Adaptor Plate Pairs
 MFS-AP-08-05 for 8 Zone to 5 Zone
 MFS-AP-12-08 for 12 Zone to 8 Zone
 MFS-AP-12-05 for 12 Zone to 5 Zone

Mainframes NOT INCLUDED -SOLD SEPARATELY.

DME can special Quote adding mainframes, modules and with Testing - Assembling - Crating Service.



See Assembly Guide.
 All parts provide, but requires customer assembly.

Smart Series Mainframe Base Width Either 5 Zone, 8 Zone or 12 Zone - See Table for each Transformer Kit

480 VAC Delta Primary to Transformer to 240 VAC Delta Secondary Line Voltage

DME Mainframe Option A

Transformer Kits Only for DME Mainframe Power Option A Delta 3 Phase 240 VAC

240 VAC BETWEEN L1 TO L2, L2 TO L3, & L3 TO L1
 current carrying conductors

L1 L2 L3 GND

Smart Series Power Option A: Delta Type Transformer Kits for 480Vac Nominal to 240Vac Nominal

DME ITEM NO	Transformer Size & Primary Fuses	Equivalent Single Phase 240 Vac Controller Power Available			Mainframe Width	Supplied Adaptor Plate	Floor Stand Included
		Total Max. Watts / Amps	Max. Phase Watts / Amps				
TK3-1A-G	3 KVA fused @ 4 Amps	3,000 Watts / 12.5 Amps	1,000 Watts / 4.16 Amps	8 Zone	MFS-AP-08-05	MFS-512-G	
TK6-1A-G	6 KVA fused @ 8 Amps	6,000 Watts / 25.0 Amps	2,000 Watts / 8.33 Amps	8 Zone	MFS-AP-08-05	MFS-512-G	
TK9-1A-G	9 KVA fused @ 12 Amps	9,000 Watts / 37.5 Amps	3,000 Watts / 12.5 Amps	12 Zone	MFS-AP-12-08 & MFS-AP-08-05	MFS-512-G	
TK15-1A-G	15 KVA fused @ 20 Amps	15,000 Watts / 62.5 Amps	5,000 Watts / 20.83	12 Zone	MFS-AP-12-08 & MFS-AP-08-05	MFS-512-G	
TK30-1A-G	30 KVA fused @ 35 Amps	30,000 Watts / 125.0 Amps	10,000 Watts / 41.66 Amps	12 Zone	MFS-AP-12-08	MFS-512-G-HD	
TK45-1A-G	45 KVA fused @ 55 Amps	45,000 Watts / 187.5 Amps	15,000 Watts / 62.5 Amps	12 Zone	MFS-AP-12-08	MFS-512-G-HD	
TK75-1A-G	75 KVA fused @ 90 Amps	75,000 Watts / 312.5 Amps	25,000 Watts / 104.16 Amps	12 Zone	MFS-AP-12-08	MFS-512-G-HD	
TK112-1A-G	112.5 KVA fused @ 135 Amps	112,500 Watts / 468.75 Amps	37,500 Watts / 156.25 Amps	12 Zone	MFS-AP-12-08	MFS-512-G-HD	

MainFrame Breaker	Equivalent Single Phase 240 Vac Controller Power Available	
	Total Max. Watts / Amps	Max. Phase Watts / Amps
50 Amp	20,784 Watts / 86.60 Amps	6,928 Watts / 28.87 Amps
70 Amp	29,098 Watts / 121.24 Amps	9,699 Watts / 40.41 Amps
100 Amp	41,569 Watts / 173.20 Amps	13,856 Watts / 57.74 Amps

CUSTOMER POWER REQUIREMENT WORKSHEET - Enter Your 240 Vac Rated Heater Watts for Each of Your DME Mainframe Zones Below

PHASE A		PHASE B		PHASE C	
Zone #	Watts	Zone #	Watts	Zone #	Watts
1		2		3	
4		5		6	
7		8		9	
10		11		12	
13		14		15	
16		17		18	
19		20		21	
22		23		24	
25		26		27	
28		29		30	
31		32		33	
34		35		36	
37		38		39	
40		41		42	
43		44		45	
46		47		48	
SUM A		SUM B		SUM C	

NOTE: The SmartSeries Stack Frames 16, 28 & 40 zone systems are different.

16 Zone Phases:
 Sum A= 1,4,7,9, 12,15
 Sum B= 2,5,8,10,13,16
 Sum C= 3,6,11,14

28 Zone Phases:
 Sum A=
 1,4,7,10,13,16,19,21,24,27
 Sum B=
 2,5,8,11,14,17,20,22,25,28
 Sum C=
 3,6,9,12,15,18,23,26

40 Zone Phases:
 Sum A=1,4,7,10,13,16,19,
 22,25,28,31,33,36,39
 Sum B=2,5,8,11,14,17,20,
 23,26,29,32,34,37,40
 Sum C=3,6,9,12,15,18,21,
 24,27,30,35,38

Remember that SUM A Phase Watts <= Max. Phase Watts AND SUM B Phase Watts <= Max. Phase Watts AND SUM C Phase Watts <= Max. Phase Watts. Also, the Max. Phase Watts depend on the Breaker Size