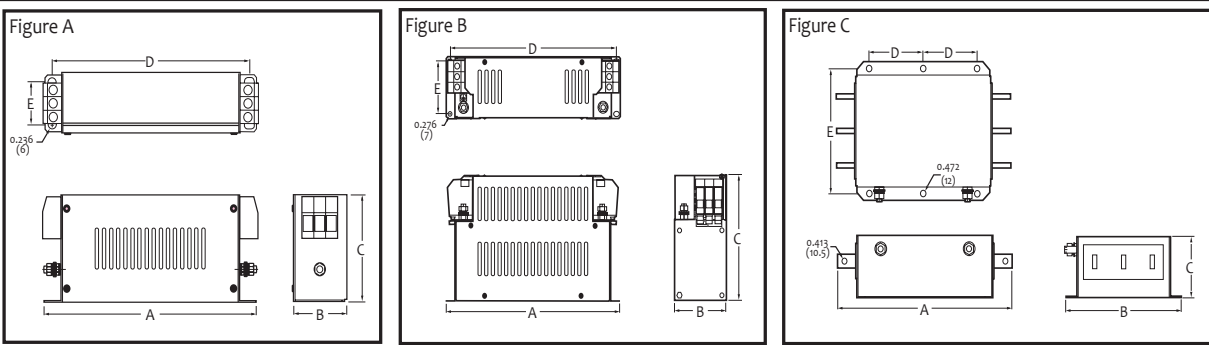


# Solve electrical noise problems and protect your sensitive loads with Type RF EMI/RFI Filters.

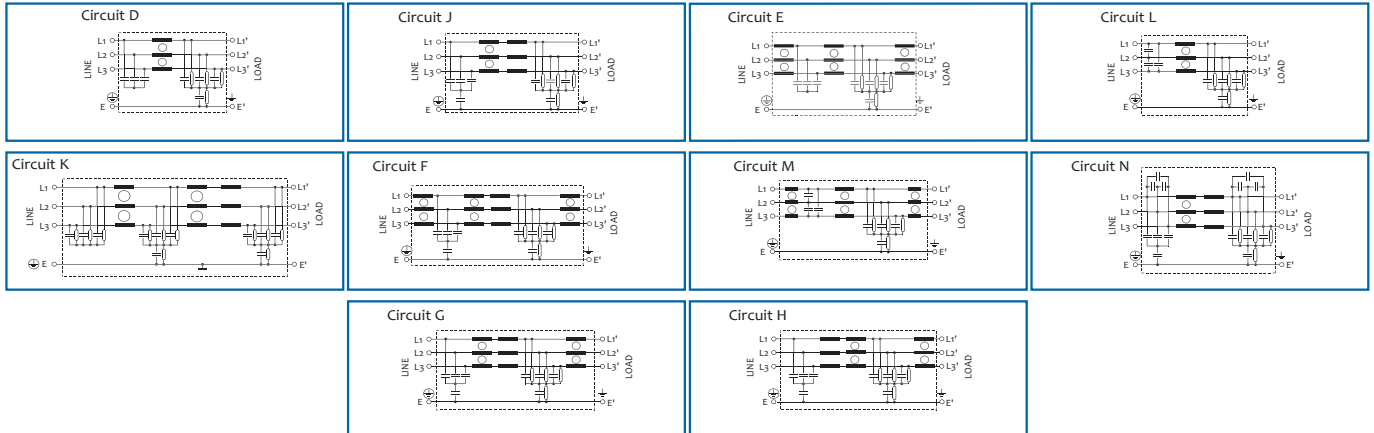
MTE Part Number	Ref Fig	Circuit Fig	Rated Amps	SCCR Rating	A (in)	A (mm)	B (in)	B (mm)	C (in)	C (mm)	D (in)	D (mm)	E (in)	E (mm)	Weight (lbs)	Mass (kg)	Diss. Watts	Max Wired Size AWG (mm <sup>2</sup> )	Leakage Current (mA)
<b>480V 50/60Hz</b>																			
RF3-0006-4	A	D	6	5	7.0	179	1.8	45	3.1	79	6.57	167	1.26	32	1.4	0.65	3.5	11 (4)	3.3
RF3-0010-4	A	D	10	5	7.0	179	1.8	45	3.1	79	6.57	167	1.26	32	1.5	0.7	4.2	11 (4)	3.1
RF3-0018-4	A	D	18	5	9.0	229	2.2	55	4.5	114	8.54	217	1.65	42	2.4	1.1	11	7 (10)	3.3
RF3-0025-4	A	E	25	5	9.0	229	2.2	55	4.5	114	8.54	217	1.65	42	2.9	1.3	11	7 (10)	6.3
RF3-0033-4	B	F	33	5	10.7	272	2.9	73	6.4	162	10.16	258	2.36	60	4.2	1.9	16	7 (10)	17.6
RF3-0050-4	B	F	50	10	12.3	312	3.7	94	7.5	190	11.73	298	3.11	79	8.2	3.3	16	1 (35)	22.8
RF3-0070-4	B	F	70	10	12.3	312	3.7	94	7.5	190	11.73	298	3.11	79	8.6	3.9	19	1 (35)	21.4
RF3-0090-4	B	G	90	10	12.3	312	3.7	94	7.5	190	11.73	298	3.11	79	9.0	4.1	18	1 (35)	30.6
RF3-0130-4	B	H	130	18	12.6	319	5.0	126	8.8	224	11.73	298	4.41	112	13.5	6.1	25	000 (70)	21.7
RF3-0150-4	B	J	150	18	13.1	334	5.0	126	8.8	224	11.73	298	4.41	112	19.6	8.9	28	0000 (95)	27.6
RF3-0330-4	C	K	330	30	15.2	386	10.2	260	4.6	116	4.72	120	9.25	235	24.3	11	40	N/A	7.2
<b>600V 50/60Hz</b>																			
RF3-0006-6	A	L	6	5	7.2	183	1.8	45	3.1	79	6.57	167	1.26	32	1.4	0.65	3.5	9 (6)	2.9
RF3-0010-6	A	L	10	5	7.2	183	1.8	45	3.1	79	6.57	167	1.26	32	1.5	0.7	4.2	9 (6)	2.9
RF3-0018-6	A	L	18	5	9.2	233	2.2	55	4.5	114	8.54	217	1.65	42	2.4	1.1	11	9 (6)	9.6
RF3-0025-6	A	M	25	5	9.2	233	2.2	55	4.5	114	8.54	217	1.65	42	2.9	1.3	11	9 (6)	9.6
RF3-0033-6	B	F	33	5	10.7	272	2.9	73	6.4	162	10.16	258	2.36	60	4.4	2.0	16	7 (10)	26.4
RF3-0050-6	B	F	50	10	12.3	312	3.7	94	7.5	190	11.73	298	3.11	79	8.2	3.3	16	1 (35)	39.7
RF3-0070-6	B	F	70	10	12.3	312	3.7	94	7.5	190	11.73	298	3.11	79	8.8	4.0	19	1 (35)	39.7
RF3-0090-6	B	G	90	10	12.3	312	3.7	94	8.8	190	11.73	298	3.11	79	8.8	4.0	19	1 (35)	39.7
RF3-0130-6	B	N	130	18	13.1	334	5.0	126	8.8	224	11.73	298	4.41	112	19.3	8.9	28	000 (70)	27.5
RF3-0150-6	B	N	150	18	13.1	334	5.0	126	8.8	224	11.73	298	4.41	112	19.6	8.9	28	0000 (95)	27.5
RF3-0330-6	C	K	330	30	15.2	386	10.2	260	4.6	116	4.72	120	9.25	235	24.3	11	40	N/A	19.2

Note: Weights and dimensions are for reference only. Please visit [mtcorp.com](http://mtcorp.com) for detailed information.

## REF FIGURES



## CIRCUIT FIGURES



HP	kW	Installation WITHOUT an Input Line Reactor						HP	kW	Installation WITH an Input Line Reactor (≥ 3% Impedance)					
		208V	240V	380V	400V/415V	480V	600V			208V	240V	380V	400V/415V	480V	600V
1	0.75	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-6	1	0.75	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-6
1.5	1.12	RF3-0010-4	RF3-0010-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-6	1.5	1.12	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-6
2	1.5	RF3-0018-4	RF3-0010-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-6	2	1.5	RF3-0010-4	RF3-0010-4	RF3-0006-4	RF3-0006-4	RF3-0006-4	RF3-0006-6
3	2.2	RF3-0018-4	RF3-0018-4	RF3-0010-4	RF3-0010-4	RF3-0010-4	RF3-0006-6	3	2.2	RF3-0018-4	RF3-0010-4	RF3-0010-4	RF3-0006-4	RF3-0006-4	RF3-0006-6
5	3.7	RF3-0025-4	RF3-0025-4	RF3-0018-4	RF3-0018-4	RF3-0010-4	RF3-0010-6	5	3.7	RF3-0018-4	RF3-0018-4	RF3-0010-4	RF3-0010-4	RF3-0010-4	RF3-0006-6
7.5	5.5	RF3-0033-4	RF3-0033-4	RF3-0018-4	RF3-0018-4	RF3-0018-4	RF3-0018-6	7.5	5.5	RF3-0025-4	RF3-0025-4	RF3-0018-4	RF3-0018-4	RF3-0018-4	RF3-0010-6
10	7.5	RF3-0050-4	RF3-0050-4	RF3-0025-4	RF3-0025-4	RF3-0025-4	RF3-0018-6	10	7.5	RF3-0033-4	RF3-0033-4	RF3-0018-4	RF3-0018-4	RF3-0018-4	RF3-0018-6
15	11.25	RF3-0070-4	RF3-0070-4	RF3-0050-4	RF3-0033-4	RF3-0033-4	RF3-0025-6	15	11.25	RF3-0050-4	RF3-0050-4	RF3-0025-4	RF3-0025-4	RF3-0025-4	RF3-0018-6
20	15	RF3-0090-4	RF3-0090-4	RF3-0050-4	RF3-0050-4	RF3-0050-4	RF3-0033-6	20	15	RF3-0070-4	RF3-0070-4	RF3-0033-4	RF3-0033-4	RF3-0033-4	RF3-0025-6
25	18.5	RF3-0130-4	RF3-0130-4	RF3-0070-4	RF3-0050-4	RF3-0050-4	RF3-0050-6	25	18.5	RF3-0090-4	RF3-0090-4	RF3-0050-4	RF3-0050-4	RF3-0050-4	RF3-0033-6
30	22.5	RF3-0130-4	RF3-0130-4	RF3-0070-4	RF3-0070-4	RF3-0070-4	RF3-0050-6	30	22.5	RF3-0130-4	RF3-0090-4	RF3-0070-4	RF3-0050-4	RF3-0050-4	RF3-0033-6
40	30	RF3-0330-4	RF3-0150-4	RF3-0090-4	RF3-0090-4	RF3-0090-4	RF3-0070-6	40	30	RF3-0130-4	RF3-0130-4	RF3-0070-4	RF3-0070-4	RF3-0070-4	RF3-0050-6
50	37.5	RF3-0330-4	RF3-0330-4	RF3-0130-4	RF3-0130-4	RF3-0090-4	RF3-0070-6	50	37.5	RF3-0150-4	RF3-0150-4	RF3-0090-4	RF3-0090-4	RF3-0070-4	RF3-0070-6
60	45	RF3-0330-4	RF3-0330-4	RF3-0130-4	RF3-0130-4	RF3-0130-4	RF3-0090-6	60	45	RF3-0330-4	RF3-0330-4	RF3-0130-4	RF3-0090-4	RF3-0090-4	RF3-0070-6
75	56.3	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0150-4	RF3-0150-4	RF3-0130-6	75	56.3	RF3-0330-4	RF3-0330-4	RF3-0130-4	RF3-0130-4	RF3-0130-4	RF3-0090-6
100	75	--	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0130-6	100	75	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0150-4	RF3-0130-4	RF3-0130-6
125	93.8	--	--	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0330-6	125	93.8	--	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0130-6
150	112.5	--	--	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0330-6	150	112.5	--	--	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0150-6
200	150	--	--	--	--	RF3-0330-4	RF3-0330-6	200	150	--	--	RF3-0330-4	RF3-0330-4	RF3-0330-4	RF3-0330-6
250	187.5	--	--	--	--	--	--	250	187.5	--	--	--	--	RF3-0330-4	RF3-0330-6
300	225	--	--	--	--	--	--	300	225	--	--	--	--	RF3-0330-6	RF3-0330-6

Note: Higher ratings may be accomplished by connecting two or more filters in parallel. Please visit [mtecorp.com](http://mtecorp.com) for detailed information.

**Insertion Loss** - Insertion loss data illustrates the typical reduction of both common mode and differential mode noise (based on the standard test circuit). Common mode noise occurs between a phase or neutral conductor and ground, while differential mode noise occurs between phase conductors or between phase and neutral conductors.

## 6A to 330A Rated

Common Mode —————  
Differential Mode - - - - -

