



**Key Features (178 Series):**

- Primary 120VAC, 50/60 Hz., Secondary 120VAC.
- Provides circuit isolation.
- Toroidal transformer for high isolation, low noise, light weight, cool operation and low profile.
- World wide applications, 50 or 60 Hz. operation, step down (120VAC to 120 VAC).
- Standard 3-wire, grounded plug (for use with [adaptors](#) for proper grounding).
- Input (primary) connected to a 5 foot long cord & standard North American plug (NEMA 5-15P).
- Output (secondary) connected to two standard - 3 wire grounded receptacles (NEMA 5-15R).
- Features include ventilated black steel case, rocker lighted on-off switch & circuit breaker protected output.
- North American Mark of Safety - C UL & UL listed (File #E211544)
- **Remember** - These units do NOT convert line frequency.

**120VAC to 120VAC**

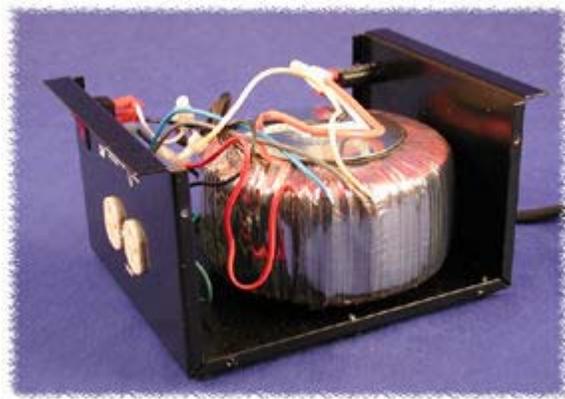
Part Number	Capacity VA	# of Outlets	Dimensions (Inches)		
			Length	Width	Height
<b>178CT</b>	<b>250</b>	2	8.25	6	4
<b>178DT</b>	<b>500</b>	2	9	6	4
<b>178ET</b>	<b>750</b>	2	10.25	7.5	5
<b>178FT</b>	<b>1000</b>	2	10.25	7.5	5
<b>178GT</b>	<b>1500</b>	2	12.5	9	5

Side View



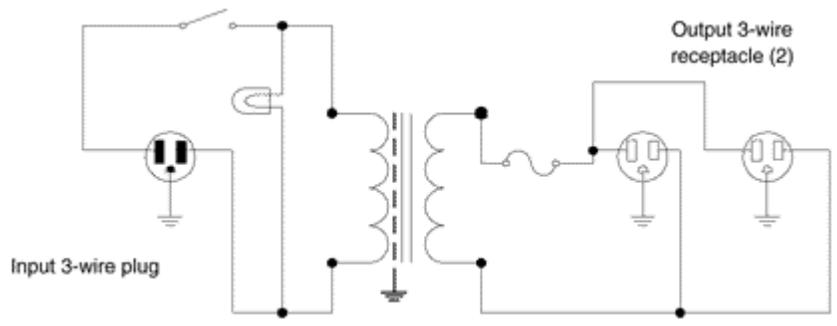
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Internal View



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**Schematic Data (178 Series):**



# Toroidal Straight Isolation - Plug In (178 & 240 Series)

## Toroidal Isolation Plug In (120V to 120V)

- Primary 120VAC, 50/60 Hz., Secondary 120VAC.
- Provides circuit isolation.
- Toroidal transformer for high isolation, low noise, light weight, cool operation and low profile.
- World wide applications, 50 or 60 Hz. operation, step down (120VAC to 120 VAC).
- Standard 3-wire, grounded plug (for use with adaptors for proper grounding).
- Input (primary) connected to a 5 foot long cord & standard North American plug (NEMA 5-15P).
- Output (secondary) connected to two standard 3 wire grounded receptacles (NEMA 5-15R).
- Features include ventilated black steel case, rocker lighted on-off switch & circuit breaker protected output.
- North American Mark of Safety - C UL & UL listed (File #E211544).
- **Remember** - These units do NOT convert line frequency.



Line

Part No.	Capacity VA	# of Outlets	Dimensions (Inches)		
			Length	Width	Height
178CT	250	2	8.25	6.00	4.00
178DT	500	2	9.00	6.00	4.00
178ET	750	2	10.25	7.50	5.00
178FT	1000	2	10.25	7.50	5.00
178GT	1500	2	12.50	9.00	5.00

## Toroidal Isolation Plug In (240V to 240V)

- Primary 240VAC, 50/60 Hz., Secondary 240VAC.
- Provides circuit isolation.
- Toroidal transformer for high isolation, low noise, light weight, cool operation and low profile.
- World wide applications, 50 or 60 Hz. operation, step down (240VAC to 240VAC).
- Standard 3-wire, grounded plug (for use with adaptors for proper grounding).
- Input (primary) connected to a 5 foot long cord & standard North American plug (NEMA 6-15P).
- Output (secondary) connected to a standard 3 wire grounded duplex receptacle (NEMA 6-15R).
- Features include ventilated black steel case, rocker lighted on-off switch & circuit breaker protected output.
- North American Mark of Safety - C UL & UL listed (File #E211544).
- **Remember** - These units do NOT convert line frequency.



Part No.	Capacity VA	# of Outlets	Dimensions (Inches)		
			Length	Width	Height
240CT	250	2	8.25	6.00	4.00
240DT	500	2	9.00	6.00	4.00
240ET	750	2	10.25	7.50	5.00
240FT	1000	2	10.25	7.50	5.00
240GT	1500	2	12.50	9.00	5.00

