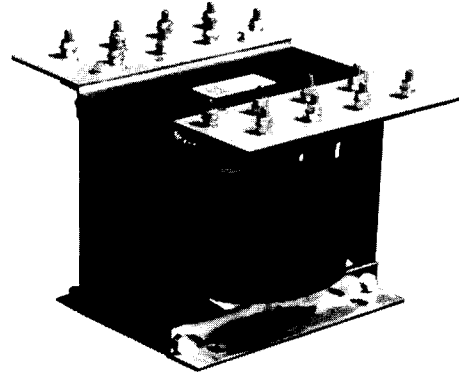


ISOLATION POWER TRANSFORMERS / STEP - UP or STEP - DOWN

Features:

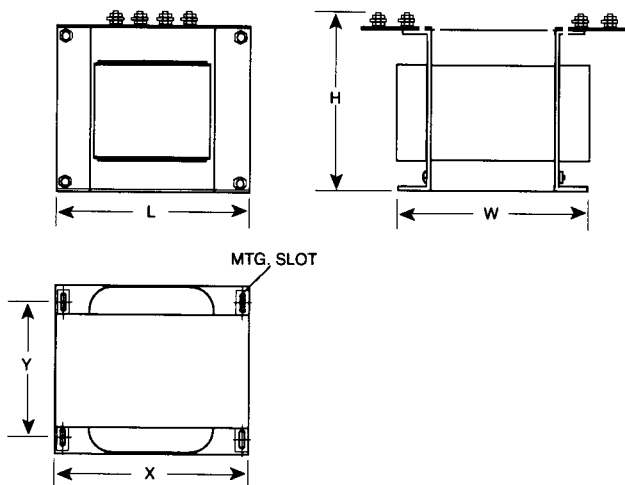
- Output Voltage: 104V, 110V, 120V, 208V, 220V, 230V, & 240V
- Power: 250VA to 10 KVA
- Dielectric Strength: 2500 VRMS Hipot
- Insulation: Class "A" insulation - 105°C
- Terminals: Plated brass screw type
- Electrostatic Shield: 2 mil thick copper foil connected to ground
- Primaries: Dual tapped;
 - Parallel connected (104V, 110V & 120V) @ 50 to 500 Hz
 - Series connected (208V, 220V, 230V, & 240V) @ 50 to 500 Hz



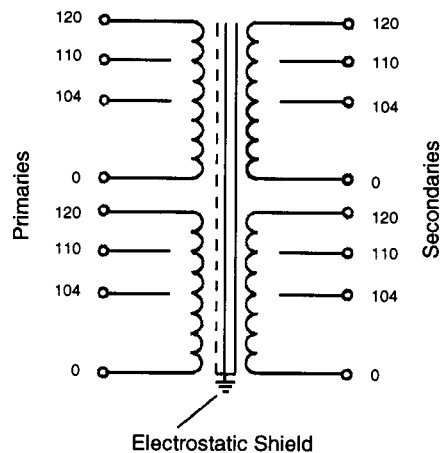
APPLICATION

Fetco's industrial rated step-up or step-down transformers have been designed to provide a wide range of input and output voltages to accommodate the many and various input voltages that are available and the various output voltages required by the enormous variety of equipment in use.

DIMENSIONS



SCHEMATIC



STEP - UP or STEP - DOWN / ISOLATION / POWER TRANSFORMERS ELECTRICAL SPECIFICATIONS DIMENSIONS @ 25°C

FETCO TYPE	POWER KVA	SERIES SECONDARY		PARALLEL SECONDARY		MECHANICAL DIMENSIONS					MTG. SCREW	WEIGHT Lbs.
		VOLTAGE Volts	AMPS Max.	VOLTAGE Volts	AMPS Max.	L* Inches	W* Inches	H* Inches	X Inches	Y Inches		
IPTL	0.25	0/208/220/240	1.1	0/104/110/120	2.2	5.30	4.25	5.25	4.35	2.50	#10	12
IPTL	0.50	0/208/220/240	2.2	0/104/110/120	4.5	5.30	5.30	5.25	4.35	3.62	#10	18
IPTL	1.0	0/208/220/240	4.5	0/104/110/120	9.0	7.55	6.25	7.35	6.75	4.10	1/4	33
IPTL	2.0	0/208/220/240	9.0	0/104/110/120	18.	7.55	8.25	7.35	6.75	6.00	1/4	56
IPTL	3.0	0/208/220/240	14.	0/104/110/120	28.	7.55	9.25	7.35	6.75	7.00	1/4	70
IPTL	5.0	0/208/220/240	23.	0/104/110/120	46.	7.55	10.75	7.35	6.75	8.50	1/4	90
IPTL	7.5	0/208/220/240	31.	0/104/110/120	62.	9.00	10.75	8.00	7.50	8.50	1/4	105
IPTL	10.0	0/208/220/240	41.	0/104/110/120	82.	9.00	13.00	8.00	7.50	9.00	1/4	150

* Maximum

Notes:

- 1) It is possible to make auto-transformer connections by connecting a primary winding in series with a secondary winding.
- 2) When using an auto-transformer connection, the KVA rating of the unit is doubled.
- 3) All dimensions are in inches and $\pm 0.05"$ unless stated as a maximum (*).

FETCO ORDERING INFORMATION

IPTL - 3.0 - 220 - 14

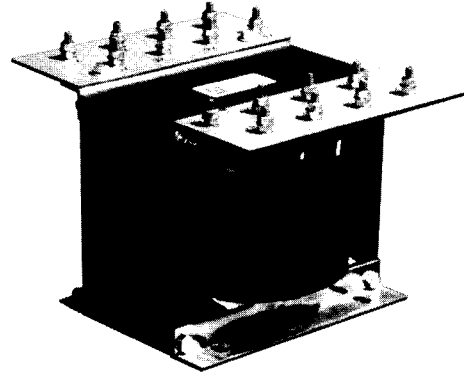
1 2 3 4

1. FETCO type
2. Power rating (KVA)
3. Output voltage in volts
4. Output current in amps

**ISOLATION POWER TRANSFORMERS /
STEP - UP or STEP - DOWN**

Features:

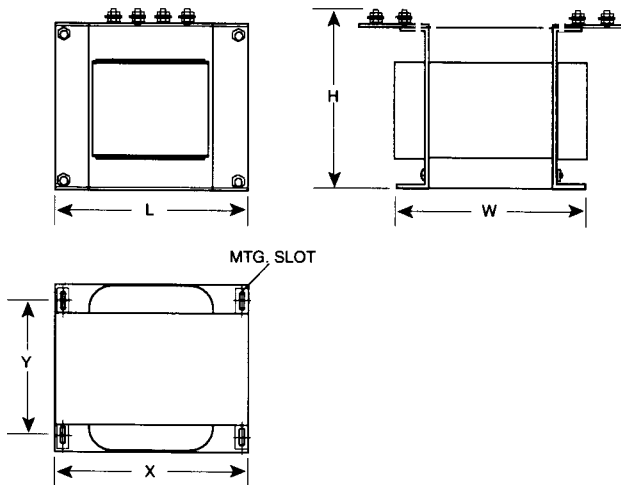
- Output Voltage: 208V, 220V, 240V, 416V, 440V, 460V, & 480V
- Power: 250VA to 10 KVA
- Dielectric Strength: 2500 VRMS Hipot
- Insulation: Class "A" insulation - 105°C
- Terminals: Plated brass screw type
- Electrostatic Shield: 2 mil thick copper foil connected to ground
- Primaries: Dual tapped;
 - Parallel connected (208V, 220V & 240V) @ 50 to 500 Hz
 - Series connected (416V, 440V, 460V, & 480V) @ 50 to 500 Hz



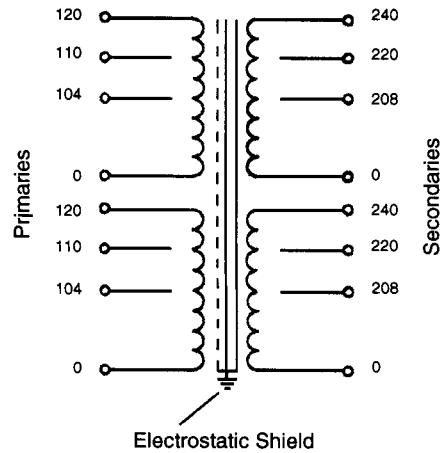
APPLICATION

Fetco's industrial rated step-up or step-down transformers have been designed to provide a wide range of input and output voltages to accommodate the many and various input voltages that are available and the various output voltages required by the enormous variety of equipment in use.

DIMENSIONS



SCHEMATIC



**STEP - UP or STEP - DOWN / ISOLATION / POWER TRANSFORMERS
ELECTRICAL SPECIFICATIONS DIMENSIONS @ 25°C**

FETCO TYPE	POWER KVA	SERIES SECONDARY		PARALLEL SECONDARY		MECHANICAL DIMENSIONS					MTG. SCREW	WEIGHT Lbs.
		VOLTAGE Volts	AMPS Max.	VOLTAGE Volts	AMPS Max.	L* inches	W* inches	H* inches	X inches	Y inches		
IPTH	0.25	0/416/440/480	0.55	0/208/220/240	1.1	5.30	4.25	5.25	4.35	2.50	#10	12
IPTH	0.50	0/416/440/480	1.1	0/208/220/240	2.3	5.30	5.30	5.25	4.35	3.62	#10	18
IPTH	1.0	0/416/440/480	2.2	0/208/220/240	4.5	7.55	6.25	7.35	6.75	4.10	1/4	33
IPTH	2.0	0/416/440/480	4.5	0/208/220/240	9.0	7.55	8.25	7.35	6.75	6.00	1/4	56
IPTH	3.0	0/416/440/480	7.0	0/208/220/240	14.	7.55	9.25	7.35	6.75	7.00	1/4	70
IPTH	5.0	0/416/440/480	11.5	0/208/220/240	23.	7.55	10.75	7.35	6.75	8.50	1/4	90
IPTH	7.5	0/416/440/480	15.0	0/208/220/240	31.	9.00	10.75	8.00	7.50	8.50	1/4	105
IPTH	10.0	0/416/440/480	20.5	0/208/220/240	41.	9.00	13.00	8.00	7.50	9.00	1/4	150

* Maximum

Notes:

- 1) It is possible to make auto-transformer connections by connecting a primary winding in series with a secondary winding.
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FETCO ORDERING INFORMATION

IPTH - 3.0 - 220 - 14

1 2 3 4

1. FETCO type
2. Power rating (KVA)
3. Output voltage in volts
4. Output current in amps