



International Temperature Control, Inc.

The Value Leader In Hot Runner Temperature Control Systems

DATA SHEET

Transformer Package Work Sheet

INFORMATION NECESSARY INSURE THE PROPER TRANSFORMER PACKAGE IS PROVIDED

International Temperature Control, Inc. as a provider of Transformers & Transformer Packages since 1984 has developed this work sheet as a method of gathering and transmitting the necessary information which allows us to provide our customers with exactly what they require.

DETERMINING THE PROPER TRANSFORMER

Transformer Size:

System Wattage: _____

NOTE: This is the total wattage of all the heaters added together.

Divide the total system watts by: _____

1,000

Transformer Kva: _____

Kva

EXAMPLE: 15,000 watts divided by 1,000 equals 15 Kva

System Voltage:

Input Voltage from source: _____

Output Voltage to system: _____

Power Phase:

NOTE: Normally Industrial systems in the U.S. are 3-Phase

Frequency (Hz):

NOTE: Normally Electrical Service in the U. S. are 60 Hz.

STANDARD ITC TRANSFORMER PACKAGES

Part Number	Description	NOTE
TP-6-5	6 kva transformer mounted on a 5-zone stand	All Transformer packages manufactured by ITC are provided complete, pre-wired and assembled, with stand (swivel & lockable casters), AC input power cable (no connector), fused disconnect. When ordered with a Main Frame, the Main Frame is securely mounted on the stand and wired to the transformer.
TP-9-8	9 kva transformer mounted on a 8-zone stand	
TP-15-8	15 kva transformer mounted on a 8-zone stand	
TP-15-12	15 kva transformer mounted on a 12-zone stand	
TP-30-8	30 kva transformer mounted on a 8-zone stand	
TP-30-12	30 kva transformer mounted on a 12-zone stand	
TP-45-12	45 kva transformer mounted on a 12-zone stand	

SPECIAL OR CUSTOM APPLICATIONS:

ITC has the expertise to provide packages which do not fall within the scope of our standard packages. For these applications, complete detail information must be provided in order to provide proper system.

TO DETERMIN TRANSFORMER SIZE (Kva) IF YOU ONLY KNOW TOTAL SYSTEM

AMPS

Amps times Volts = Watts Divide by 1,000 = Kva.
50 amps x 240 volts = 12,000 watts ÷ 1,000 = 12 Kva

WATTS

Watts Divide by 1,000 = Kva.
12,000 watts ÷ 1,000 = 12 Kva

CAUTION: Shut Off Power Before Working On Electrical Devices.
CAUTION: Adequate Lock-out Procedures Must Be Used.

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