

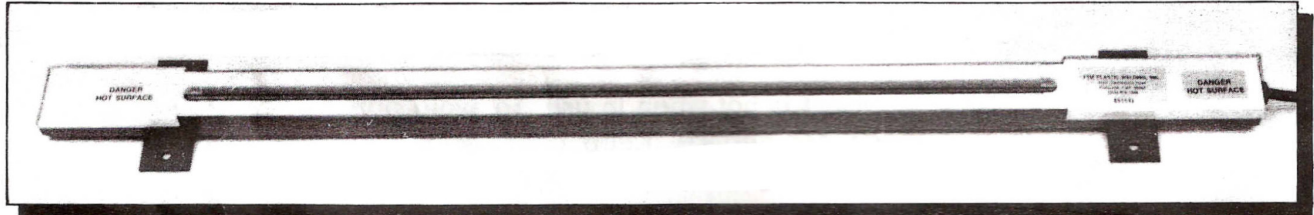
FREE-STANDING

HEATING

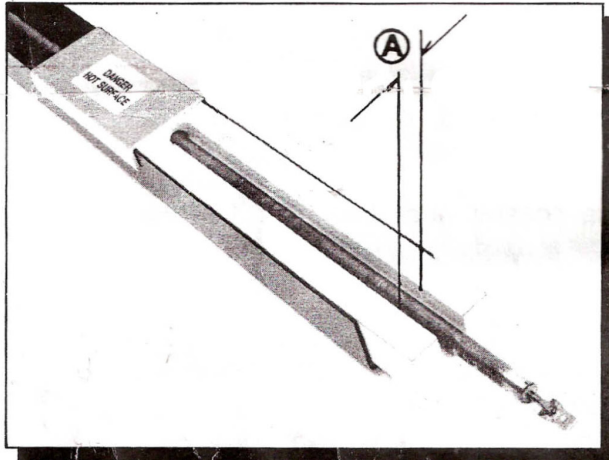
TRAYS

SAVE THIS MANUAL
FOR FUTURE REFERENCE

OWNER'S MANUAL



U.S. Patent No. 5025137



FREE-STANDING HEATING TRAYS

Our Heating Trays have been exclusively designed to give constant professional bends while working with all types of Thermoplastic materials. It is essentially used for straight line bends or folds and is capable of heating up to 1/2" thick material. All trays come with standard 120 volt pigtail and are ready for operation.

All Free-Standing Heating trays run on standard 120 volts and have a maximum operating temperature of 800°f.

Units can be used with PC-10 Power Control where temperature control is desired.

SPECIFICATIONS:

Model No.	FS-24	FS-48	FS-48/4	FS-72	FS-96
Heated Length /Width	1/2" x 24"	1/2" x 48"	1/4" x 48"	1/2" x 72"	1/2" x 96"
Total Length of Tray	35"	59"	59"	83"	107"
Watts / Amps	220/1.8	430/3.6	330/2.75	525/4.4	880/7.4
"A" Dimension	1/2"	1/2"	1/4"	1/2"	1/2"

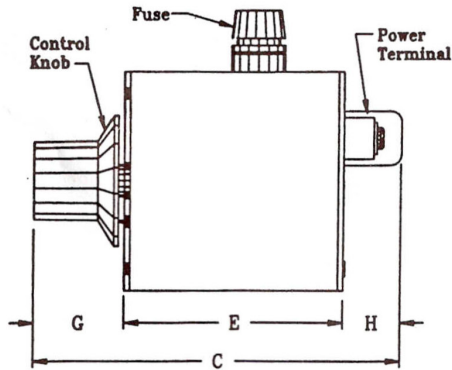
Our Heating Trays have been exclusively designed to give constant professional bends while working with all types of thermoplastic materials. It is essentially used for straight line bends or folds and is capable of heating material up to 1/2" thick.

Thermoplastic sheets may be formed along a straight line by strip heating. Place material on the tray with the area to be formed directly above the heating element. DO NOT allow the sheet to come in contact with the heating element. Surface overheating will cause scorching and bubbling; if this occurs decrease the temperature or increase the distance to the material. Allow the material to heat thoroughly (until it softens or welts in the area to be formed). Bend gently to the desired angle, keeping the heated side of the material on the outside of the bend, and hold firmly until cool.

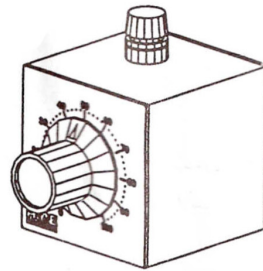
Note: Bending material before it is thoroughly heated will result in stress crazing (small internal fractures) or breaking along the bend. Practice on scrap material first.

Specifications are subject to Change without notice

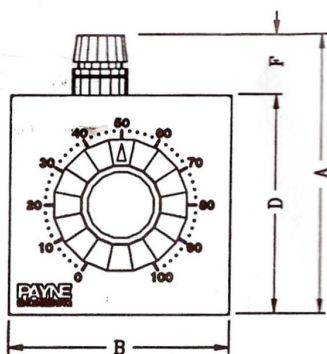
Abbeon Cal, Inc., 1363 Donlon Street Unit 1, Ventura, CA 93003-8387
800-922-0977 www.abbeon.com. E-mail: abbeoncal@abbeon.com



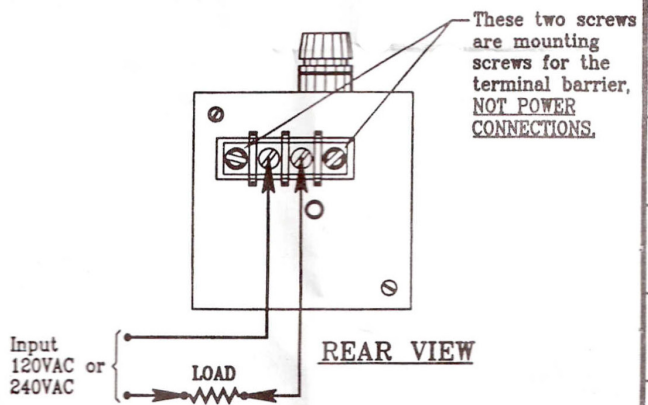
SIDE VIEW



ISOMETRIC VIEW



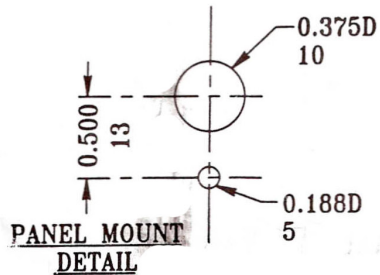
FRONT VIEW



REAR VIEW

MODEL NO.	A	B	C	D	E	F	G	H
18TBP-1-5	3.188	2.500	3.750	2.500	2.000	0.688	1.063	0.688
-2-5	81	64	95	64	51	17	27	17
18TBP-1-10	3.188	2.500	3.750	2.500	2.000	0.688	1.063	0.688
-2-10	81	64	95	64	51	17	27	17
18TBP-1-15	3.188	2.500	4.250	2.500	2.500	0.688	1.063	0.688
-2-15	81	64	108	64	64	17	27	17

IN.
MM



-NOTE-
All semi-conductor heat loss (1/5 watts/amp) must be transferred via the panel mount joint. PLEASE ENSURE A SMOOTH - PAINT FREE JOINT TO METAL PANEL.

Dwg. No.	18T/6.003C
Model 18TBP Enclosed, Single Hole Panel Mount Power Control installation diagram	

Rev. C COMBINE 18TBP-5,10 & 15 ON ONE SHEET 12/96