



TPI
CORPORATION
America's Comfort Conditioning Company



**MADE IN
 THE U.S.A.**

TP SERIES
 Line Voltage
 Rain Tight Thermostats

SALES ORDER NO.		QUOTE:	
CUSTOMER		DATE:	
PROJECT			
SALES REP			
ENGINEER			
CONTRACTOR			
SUBMITTED BY			
SUBMITTED BY			
APPROVED BY			
APPROVED BY			

SUBMITTAL DATA SHEET						
QTY	MODEL	TAG	FUNCTION	CONNECTION	SWITCH TYPE	SENSOR
NOTES/ SPECIAL						



TP518



TP518C

FEATURES:

- POLYMERIC HOUSING CONSTRUCTION
- TEMPERATURE RANGE: 30° TO 110°F
- SENSOR TYPE: FIXED, COILED CAPILLARY
- NEMA 4X & NEC 547 RATED
- cULus LISTED
- ALL MODELS INCLUDE FAHRENHEIT AND CELSIUS TEMPERATURE SCALES
- 3 KNOCKOUTS FOR 1
- 2" NEMA 4X WEATHERPROOF CONNECTIONS

CORDED MODEL FEATURES:

- PIGGYBACK PLUG RATED 15A 125VAC
- CORD 16AWG / SJTW 6 FT LENGTH

TP518C	
Current	10.00 A
Sensor Type	Fixed Sensor
Function	Heat OR Cool
Switch Type	SPDT
Connection	Cord Plug
Mounting Fast. Incl.	No
Mounting Hole Dia.	7/32 dia. Use #10 screw
Overall Depth	2.63"
Overall Height	7.75"
Overall Width	3.00"
Voltage Range [Min]	125V AC
Voltage Range [Max]	125V AC
Voltage	120V
Amp Rating	10.0 A
	10.0 A
Temperature Range	30 - 110°F
Listings	UL-US & C-UL
Ratings	NEMA 4X & NEC 547 Ag Rated
Plug Type	Three Prong, Piggyback
Cord Length Type	6' long HSJ Cord

TP518	
Current	25.00 A
Sensor Type	Fixed Sensor
Function	Heat & Cool
Switch Type	SPDT
Connection	6" Lead Wires
Mounting Fast. Incl.	No
Mounting Hole Dia.	7/32 dia., Use #10 screw
Overall Depth	2.63"
Overall Height	7.75"
Overall Width	3.00"
Voltage Range [Min]	120V AC
Voltage Range [Max]	277V AC
Voltage	120V / 240V / 277V
Amp Rating Inductive	16.0 A / 12.0 A / N/A
Amp Rating Resistive	25.0 A / 25.0 A / 22.0 A
Temperature Range	30 - 110°F
Listings	UL-US & C-UL
Ratings	NEMA 4X & NEC 547 Ag Rated

Pilot Rating 125VA @ 24VAC to 600VAC

TP520	
Current	25.00 A
Sensor Type	Fixed Sensor
Function	2-Stage / Heat & Cool
Switch Type	SPDT/SPDT
Connection	6" Lead Wires
Mounting Fast. Incl.	No
Mounting Hole Dia.	7/32 dia. Use #10 screw
Overall Depth	2.63"
Overall Height	7.75"
Overall Width	3.00"
Voltage Range [Min]	120V AC
Voltage Range [Max]	277V AC
Voltage	120V / 240V / 277V
Amp Rating Inductive	16.0 A / 12.0 A / N/A
Amp Rating Resistive	25.0 A / 25.0 A / 22.0 A
Temperature Range	30 - 110°F
Listings	UL-US & C-UL
Ratings	NEMA 4X & NEC 547 Ag Rated

Pilot Rating 125VA @ 24VAC to 600VAC

*Factory wired for heating applications

ELECTRICAL RATINGS:

	MODELS TP518 AND TP520				TP518C
	120 Vac	208 Vac	240 Vac	277 Vac	
FULL LOAD AMPS	16 A	13.2 A	12 A	-	10 A
LOCKED ROTOR AMPS	96 A	79.2 A	72 A	-	30 A
RESISTIVE LOAD AMPS	25 A	25 A	25 A	22 A	10 A
PILOT DUTY 125 VA 24/600 VAC					

VAR	DESCRIPTION (AS PURCHASED)	SWITCH ACTION	FIGURE	MASTER PACK QTY.
-001	RAIN TIGHT THERMOSTAT TP518 1 STAGE HEAT & COOL	SPDT	1	20
-002	RAIN TIGHT THERMOSTAT TP520 2 STAGE HEAT & COOL	SPDT / SPDT	1	20
-003	RAIN TIGHT THERMOSTAT TP518C 1 STAGE HEAT OR COOL WITH CORD	SPDT	2	20