

# TANIS PREHEAT SYSTEMS

Engine preheating is accomplished through electrical resistance heat in the form of thin pads sized and shaped to fit various parts. The pads are surface mounted with a bonding sealant/adhesive. Heated items include, engine accessory/reduction gearboxes, fluids, batteries and attached accessories. Power is routed to the heat elements through a dedicated wiring assembly with power indication and circuit overload protection. System is self-regulating through design. Heated components reach an average state of thermal equilibrium in approximately six hours.

Description	Part No.	Price
Cessna 208B - PT6A-140A - 115 Volt - When installed will supply 555 watts with a 4.8 amp draw at 115 volts.	05-14769-1	---
Cessna 208B - PT6A-140A - 230 Volt - When installed will supply 555 watts with a 2.4 amp draw at 230 volts.	05-14770-1	---
Twin Otter DHC-6 400 PT6A-34 - 115 Volt	05-14771	---
Twin Otter DHC-6 400 PT6A-34 - 230 Volt	05-14772	---
Gippsaero Airvan GA8 Series - W/battery & Avionics/cabin Heat - 115 Volt TSF-GA8-3120-115	05-14773	---
Gippsaero Airvan GA8 Series -W/battery & Avionics/cabin Heat - 230 Volt TSF-GA8-3120-230	05-14774	---
Quest Kodiak 100 - W/battery & Avionics/ cabin Heat - 115 Volt TSFKODIAK-3123-115	05-14775-1	---
Quest Kodiak 100 - W/battery & Avionics/ cabin Heat -230 Volt TSFKODIAK-3123-230	05-14776-1	---
Pilatus PC-12, PC-12/45, PC-12/47, Serial number (S/N): 101 thru 999 Engine: PT6A-67B. When installed will supply 703 watts with a 6.1 amp draw at 115 volts	05-14777	---
Pilatus PC-12, PC-12/45, PC-12/47, Serial number (S/N): 101 thru 999 Engine: PT6A-67B. When installed will supply 703 watts with a 3.1 amp draw at 230 volts	05-14778	---
Pilatus PC-12/47E, Serial number (S/N): 1001 - UP Engine: PT6A-67P. When installed will supply 703 watts with a 6.1 amp draw at 115 volts	05-14779	---
Pilatus PC-12/47E, Serial number (S/N): 1001 - UP Engine: PT6A-67P. When installed will supply 703 watts with a 3.1 amp draw at 230 volts	05-14780	---
P&W - R1340 - 115 Volt TSP9CYL-2904-115	05-14835	---
P&W - R1340 - 230 Volt TSP9CYL-2904-230	05-14836	---
Pratt & Whitney DHC-8 (Q400). Supplies 2838 watts with a 24.6 amp draw at 115 volts. Each engine is supplied with 1315 watts with a 11.4 amp draw at 115 volts. The 3 batteries are supplied with 208 watts with a 1.8 amp draw at 115 volts.	05-14781	---
Pratt & Whitney DHC-8 (Q400). Supplies 2838 watts with a 12.3 amp draw at 230 volts. Each engine is supplied with 1315 watts with a 5.7 amp draw at 230 volts. The 3 batteries are supplied with 208 watts with a 0.9 amp draw at 230 volts.	05-14782	---
Pratt & Whitney PT6A Small And Medium Engines (Short PRGB) - 115 Volt	05-14841	---
Pratt & Whitney PT6A Small And Medium Engines (Short PRGB) - 230 Volt	05-14842	---
Pratt & Whitney PT6A Large Engines (Long PRGB) - 115 Volt	05-14843-1	---
Pratt & Whitney PT6A Large Engines (Long PRGB) - 230 Volt	05-14844	---
Pratt & Whitney 118, 120, 121, 123 - 115 Volt	05-14845	---
Pratt & Whitney 118, 120, 121, 123 - 230 Volt	05-14846	---
Pratt & Whitney 124, 125, 126, 127 - 115 Volt	05-14847	---
Pratt & Whitney 124, 125, 126, 127 - 230 Volt	05-14848	---
Pratt And Whitney PW545A (Cessna Citation Excel) - 115 Volt	05-14849	---
Pratt And Whitney PW545A (Cessna Citation Excel) - 230 Volt	05-14850	---
Pratt & Whitney PWJT15D Series Turbofan Engines - 115 Volt	05-14851	---
Pratt & Whitney PWJT15D Series Turbofan Engines - 230 Volt	05-14852	---
Garrett TPE 331u & TPE 331 Series - 115 Volt	05-14839-1	---
Garrett TPE 331 Series - 230 Volt	05-14840-1	---
AgustaWestland A109C, A109E, A109S, AW109SP WITH PW206C/PW207C - 115 VOLT TSHAW109-2219-115	05-14787	---
AgustaWestland A109C, A109E, A109S, AW109SP WITH PW206C/PW207C - 230 VOLT TSHAW109-2219-230	05-14788	---
Rolls Royce RR250 Series Turboprop - 115 Volt	05-14853	---
Rolls Royce RR250 Series Turboprop - 230 Volt	05-14854	---

Description	Part No.	Price
Airbus TSHAS350-318 - RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14783	---
Airbus TSHAS350-3184-230 - RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14784	---
Airbus TSHAS350-3185-115	05-14785	---
Airbus TSHAS350-3185-230	05-14786	---
Airbus TSHEC130-3186-115 RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14803	---
Airbus TSHEC130-3186-230 RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14804	---
Airbus (Eurocopter) Ec 135 P1 & P2 With PW206B - 115 Volt TSHEC135-2230-115 RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14805	---
Airbus (Eurocopter) Ec 135 P1 & P2 With PW206B - 230 Volt TSHEC135-2230-230 RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14806	---
Airbus (Eurocopter) EC135T1/T2 With Arrius 2b/2b1/2b2 - 115 Volt TSHEC135-2765-115 RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14807	---
Airbus (Eurocopter) EC135T1/T2 With Arrius 2B/2B1/2B2 - 230 Volt TSHEC135-2765-230 RTB0001 Required. This Kit Is Not Eligible For An 8130-3	05-14808	---
Austro AE300 - 115 Volt #SE03232CH..ALSO TCCA & EASA Approved TSP4CYL-3001-115	05-14827	---
Austro AE300 - 230 Volt #SE03232CH..ALSO TCCA & EASA Approved TSP4CYL-3001-230	05-14828	---
Jacobs (L-4) R-755 - 115 Volt TSP-7CYL-3002-115	05-14831	---
Jacobs (L-4) R-755 - 230 Volt TSP-7CYL-3002-230	05-14832	---
Bell 407 With RR250-C47B - 115 Volt #SR03474CH TSHB407-3083-115	05-14795	---
Bell 407 With RR250-C47B - 230 Volt #SR03474CH TSHB407-3083-230	05-14796	---
Bell 212, 412, 412cf, 412EP - 115 Volt #SR04132CH TSHB412-3132-115	05-14799	---
Bell 212, 412, 412CF, 412EP - 230 Volt #SR04132CH TSHB412-3132-230	05-14800	---
AgustaWestland AW119 (Koala) with PT6B-37A. 802 watts with a 7.0 amp draw at 115 volts	05-14789	---
AgustaWestland AW119 (Koala) with PT6B-37A. 802 watts with a 3.5 amp draw at 230 volts	05-14790	---
Enstrom Helicopter F-28/280 W/ Hio-360 - Standard (CHT Not Wells Required) - 115 Volt TSHEN280-2780-115	05-14809	---
Enstrom Helicopter F-28/280 W/ Hio-360 - Standard (CHT Not Wells Required) - 230 Volt TSHEN280-2780-230	05-14810	---
Enstrom 480 - 115 Volt TSHEN480-2504-115	05-14811	---
Enstrom 480 - 230 Volt TSHEN480-2504-230	05-14812	---
Schweizer/Sikorsky 269/300 - Standard (CHT Wells Not Required) - 115 Volt TSHS269-2508-771-dt-115	05-14817	---
Schweizer/Sikorsky 269/300 - Standard (CHT Wells Not Required) - 230 Volt TSHS269-2508-771-dt-230	05-14818	---
Airbus (Eurocopter) AS350D with Lycoming LTS101 - When installed will supply 587 watts with a 5.1 amp draw at 115 volts.	05-14729	---
Airbus (Eurocopter) AS350D with Lycoming LTS101 - When installed will supply 587 watts with a 2.6 amp draw at 230 volts.	05-14730	---
Oil Tank Heater Kit - 115 Volt TSP1051-115	05-14819-1	---
Oil Tank Heater Kit - 230 Volt TSP1051-230	05-14820-1	---

EP