

DE-ICE EQUIPMENT – DIGITAL THERMOMETERS

HANDHELD ANTI-ICING AND DE-ICING SPRAYERS



Handheld De-icing Sprayers are aircraft-portable pressure sprayers appropriate for defrosting and light de-icing operations. They are commercial grade, polyurethane, controlled-pressure sprayers designed to spray hot SAE Type I de-icing fluid directly on your aircraft to remove frost, and light snow & ice. They are equipped with a 2 piece brass wand, flat-fan spray pattern, high-capacity, interchangeable nozzle tip that sprays 1.2 gpm of de-icing fluid at 20 psi. They will also accept

our optional 120-volt, 1100 to 1700 watt electrical immersion heaters to quickly heat the fluid within the sprayer tank to 160° F.

Description	Dimensions	Part No.	Price
1 Gal Sprayer	7" Dia. x 17" H	12-21605	\$119.75
2 Gal Sprayer	8.5" Dia. x 19.5" H	12-21610	\$144.85

To heat De-icing fluid you need to purchase a heater below.

Heaters					
Voltage	Watts	Amps	Application	Part No.	Price
120	1,100	9.2	12-21605 Sprayer	12-02087	\$668.00
120	1,400	11.7	12-21610 Sprayer	12-02088	\$767.00
120	1,700	14.2	12-00499 Sprayer	12-02089	\$704.00

DE-ICING CARTS

Aircraft De-icing Gasoline Engine Powered Carts are designed for outdoor de-icing operations. These carts use either a 5.0 or a 5.5 hp air-cooled gasoline engine, providing adjustable fluid flow rates and pressures of up to 6.0 gpm/150 psi and 10.0 gpm/300 psi respectively -- sufficient to de-ice all general aviation, corporate & charter aircraft. The standard carts range in capacity from 25 to



110 gallons. Each is equipped with an electric immersion heater to heat the de-icing fluid to a maximum of 160° F to help melt frost, snow & ice from your aircraft's surfaces. All carts include Honda 5.5 engine, 24" tow bar with pintel ring, high-pressure hose, adjustable pressure valve, pressure gauge, pistol grip handgun, and adjustable brass nozzle. Electric models come with 12v Self Containment kit.

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Gas powered engines		
Description	Part No.	Price
40 Gallon 5.5 Hp gas Engine with 2500 watt heater.	12-02083	\$4,408.00
60 Gallon 5.5 HP gas engine with 2500 watt heater.	12-02084	\$4,946.00
110 Gallons 5.5 HP gas engine with 3000 watt heater.	12-05525	\$6,217.78
Electric powered engine		
Description	Part No.	Price
25 Gallon 12 volt Electric Cart.	12-02085	\$1,695.00
40 Gallon 12 volt Electric Cart.	12-02086	\$2,353.00
60 Gallon 12 volt Electric Cart.	12-05533	\$2,573.33

NYLON FLANGES IN BATTERY BOX MODIFICATION KIT

• Improve Starting Performance • Easier Removal & Installation of Battery • May prolong life of battery and starter • Less expensive to modify existing box than to replace • Compatible with our famous "Low Loss" Cable Kits! • Eliminate extra connection on outside of the battery box • Do away with the troublesome braided negative strap.

Experimental.....P/N 11-02892\$41.55
STC'd/PMA'd.....P/N 11-02893\$87.00



BATTERY TERMINAL TOOL

The Right Tool for the Job • Prevents damage to battery posts • Steel frame, fits battery wing nuts securely • Insulated to eliminate shorting, sparks or possible explosions • Foam grip handle eliminates slipping. • Great gift for pilot or mechanic.P/N 12-16200\$21.95

MINITEMP PORTABLE INFRARED THERMOMETER



Diagnose problems faster and more easily with the Raytek MiniTemp MT6 infrared (IR) thermometer. The laser point sighting on the MT6 unit helps to direct measurements toward the target, and the large backlit display shows both the current and maximum readings simultaneously. With a protective boot for added durability, award winning ergonomic design and Raytek quality and accuracy, the MT6 model is the perfect introduction to infrared temperature measurements in automotive diagnostics.

P/N 12-03153\$179.75

HEAVY-DUTY IR DUAL-LASER THERMOMETER



Features of the IR Long Range Professional Thermometer include a bright, built-in dual laser which provides easy aiming and defines target area, amber back-light LCD display, programmable HI and LOW audible temperature alarms, and high intensity white LED flashlight. Uses 2 x AAA batteries (incl) to provide 180 hours of use. Weight and Dimensions: 16 ounces (with batteries,magnets); 8 x 8 x 2.8 inches. Temp Range: -76° to 1832°F.

P/N 12-03152\$339.00

INFRARED THERMOMETER WITH STAR BURST LASER TARGETING



Ideal for isolating overheated electrical components and hot spots, trouble-shooting HVAC/R and automotive systems, and performance-testing motors and boilers.

Features:

- 12:1 distance-to-spot (D:S) ratio • IRT measurement range -58° to 1202°F (-50° to 650°C) • "K" type thermocouple measurement range: -146° to 2498°F (-99° to 1370°C) • Includes "K" type thermocouple with 0° to 500°F (-18° to 260°C) range • Automatically stores last 10 readings for recall • Automatically holds measurements and displays Min/Max/Avg/Dif session values • Settable high and low temperature alarms • Adjustable emissivity from 0.1 to 1.0 (in 0.01 steps) • Auto Power Off • Power Source: 1 "9V" battery (included).....P/N 12-03355\$93.75

NICHOLSON HACKSAW BLADES



Nicholson Bi-Metalloy hacksaw blades last twice as long as high-speed steel and 10 times longer than carbon steel. Can operate 20%-50% faster. Practically unbreakable.

GENERAL RECOMMENDATIONS FOR BLADE SELECTION

14 TOOTH – For cutting heavy cross section and for soft materials where maximum chip clearance is needed.....P/N 12-19514\$2.25

18 TOOTH – For general shop use, where blade is used on several jobs.....P/N 12-19518\$4.35

24 TOOTH – For cross sections of 1/16" to 1/4", such as pipe, angles, small drill rod.P/N 12-19524\$4.35

32 TOOTH – For cutting stock up to 1/16" thick, such as 4130 tubing, sheet metal, BX.P/N 12-19532\$4.35

ATS HOSE FITTING ASSEMBLY TOOLS



Individual sizes: #3, #4, #5, #6, #8, #10, & #12. For use in assembling stratoflex series 300, aeroquip 303, 491 hose fittings. Chrome Plated.

Size	Part Number	\$22.50	Size	Part Number	\$22.50
#3	12-05273	\$22.50	#8	12-05498	\$24.95
#4	12-05274	\$17.50	#10	12-05271	\$34.95
#5	12-05275	\$17.50	#12	12-05272	\$44.50
#6	05-26371	\$23.75			

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