SAN
Electro Heat

Member of the NIBE Group

SAN De-Icer
Type Noice 5 and Noice 10

Application:
Portable pressure vessel for electrical heating of de-icing fluid type I, II, III and IV. Cosisting of compression sprayer, complete with hand pump, hose and brass sprayer, nozzle, insulation as well as external stainless steel sheath. CE approved

Technical data	Noice 5	Noice 10
Power	200W	400W
Voltage	230V	230V
Volume	5 l liquid	10 l liquid
Pump and lance material	Brass	Brass
Vessel and sheath material	Stainless steel	Stainless steel
Dimensions	Ø250x540mm	Ø300x500mm
Hose	1.5m	4m
Lance	0.5m	0.5m
Max heating temperature	50°C	50°C
Max operational pressure	6 bar	6 bar
Insulation	30mm	30mm
Weight (empty)	Approx. 8.5 kg	12 kg
Automatic overheat protection CEE socket		

Safety Features:
Safety valve (Identification: adjusting nut with 2 holes Ø2mm), manometer, pressure relief valve, automatic overheat protection, control lamp for power on.

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Instructions:
Before filling always depress pressure relief valve (red button) until the unit is at zero pressure. Screw the pump off the vessel by means of the handle on the pump. Fill fluid into the vessel to the max-mark (5 l). Mount the pump again. Connect to 230V power via CEE-socket. Control lamp lights (orange). The fluid is now heated up to approx. 40°C. Heating time 4 hours. Switch off the electrical connection, remove the CEE plug and pump pressure into the vessel - max. 6 bar - by means of a hand pump only. The vessel is equipped with 30mm insulation so that the temperature obtained is maintained in a period.

Cleaning:
After use empty the unit and clean it. Allow it to dry in open state. Avoid to clean and dry with compressed air. Make sure to filter inside spray handle, clean it frequently.

Maintenance:
Always check the unit before use to make sure that it is safe and in an operable state. This check consisting of at least an inspection for visible damage. Use original spare parts.

Thoubleshooting:

Malfunction	Cause	Remedy
No pressure is built up in the vessel when the pump is operated.	Pump is not screwed tightly into the vessel	Screw pump in tightly
	O-ring where the pump is connected to the vessel is defective	Replace O-ring
	O-ring in the pump is defective	Replace O-ring
The flexible hose is leaking	The flexible hose is not screwed securely into the vessel	Tighten hose connection. Check pressure using water
The unit does not spray despite max. pressure	The filter in the quick closure valve or the nozzle is clogged	Clean the filter and/or nozzle
The nozzle's spray pattern is not in order	The nozzle is partially clogged	Clean the nozzle

Heating up time	
Hours of heating	Temp. rise
1 hour	+14°C
2 hours	+23°C
3 hours	+29°C
4 hours	+33°C
5 hours	+35°C
6 hours	+36°C
Cooling down / heat loss: 2°C per hour.	

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