

The solar ready, "STS Penguin Glycol Feed System" is designed to provide years of trouble free, glycol or alcohol feed applications. The Penguin incorporates a high pressure, direct current, diaphragm pump with a sealed lead/acid battery and power supply. The battery provides for portable operation and battery back-up for permanent installations. The unique low differential, fully adjustable pressure switch allows installations without the need of a pressure-reducing valve. The pressure switch can easily be adjusted to provide HVAC boiler systems with pressures from 5-60 psi with a tight differential of 4 psi. Features include Hand – Off –Automatic control. Standard is a low level cut-off , high pressure secondary cut-off switch, battery level indicator gauge ,charger, liquid filled pressure gauge and a 4 ft. 3/8" fill hose with a 1/4" mnpt fill connection. Solar Panel if required, by others.

Options available:

Wall mount brackets, add suffix - WMB

Low level alarm float (sensor only), add suffix –FS

Low level alarm package (float and panel), add suffix – FS– AP

H - O - A

Automatic or Manual Control



Included Accessories



Adjustable Pressure Switch



STS PENGUIN GLYCOL FEED SYSTEM SPECIFICATIONS

SUPPLIER
SPECIFIED TECHNICAL SALES LTD.

PART NUMBER / MODEL
PN-148 / STS PENGUIN

TANK
20 LITRE / 5US GAL. POLYETHYLENE

PUMP MOTOR/BATTERY
D.C. 12 VOLT, 2.2 AMPERE, 8 AH BATTERY

CAPACITY
480 kPa (70 psi) 3.1 litre/min.

PRESSURE
34 kPa (5 psi) - 420 kPa (60 psi)
27 kPa (4 psi) DIFFERENTIAL

HEIGHT = 65 cm.

WIDTH = 39 cm.

DEPTH = 28 cm.

NET WEIGHT = 5.5 kg.

GROSS WEIGHT = 6.6 kg.

NOTE: All dimensions are approximate

Revisions

Specified Technical Sales Ltd.

TITLE:

**STS PENGUIN
GLYCOL FEED SYSTEM**

Drawn by: Christopher Wedge C.E.T. not to scale
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