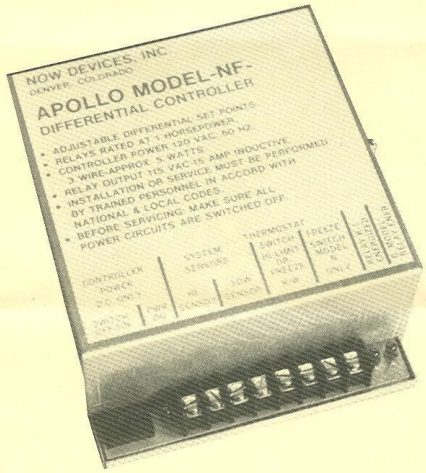
NOW DEVICES, INC.

APOLLO MODEL NF SOLAR SYSTEM CONTROLLER

IN THE APOLLO TRADITION OF RELIABILITY, VERSATILITY & ECONOMY.

FULL HORSEPOWER SWITCHING CAPACITY

ADJUSTABLE DIFFERENTIALS MAXIMIZE SYSTEM EFFICIENCY



PERFORMANCE FEATURES

- Adjustable Differentials, ON and OFF: 0 to 50 degrees.
- Full Horsepower rated (N.O.) relays
- Terminals for Thermostat, Hi-Limit Sw. or Freeze Sw.
- Interference Filtering included to prevent false cycling
- L.E.D. Status Indicators provided
- ON-OFF Switch controls internal controller D.C. power only
- Supplied with standard 10K sensors.
- Protective Iridite finish on case.
- Protective Acrylic coating on circuit.
- Easily Installed with common tools and techniques.
- Small size 5½″ x 6″ x 2½″
- Relays will control high or low voltages, AC or DC.
- DD Model (drain-down) has second (N.O.) relay for valve.
- One Year/Five Year Warranty included with each unit.
- Quantity Discounts and Terms available.

OPERATION

With the use of two 10K thermistor sensors, the Apollo NF controller determines the difference between the two locations respective temperatures. Within the controller, there are two controls; differential temperature ON and differential temperature OFF. When the temperature difference between the two locations being monitored exceeds the ON setting, the controller causes a relay to energize or pull-in, thus completing a circuit to a fan, pump or some electrical device used to transfer the collected energy to another location. The relay will remain energized until the difference between the two temperatures decreases to the value of the OFF setting. The relay may be de-energized also by the opening of a thermostat or snap-switch that has been wired to the appropriate terminals on the terminal strip. Turning off the switch also causes the relay to de-energize or drop-out. An L.E.D. indicator is lighted whenever the relay is energized.

DESIGN GOALS

The Apollo Model NF was designed primarily for the precise control of solar systems where maximum efficiency is of prime importance. It is particularly suited to applications where the High Limit is controlled by a thermostat, switch or some other external means and freeze protection is not a requirement. Where freeze protection is a consideration, the NF model may be used in a drain-back configuration or the NF-DD model and a freeze switch in a drain-down system. All Apollo controllers possess features that make them the most versatile controllers on the market and yet are priced far below the more widely publicized devices.

Now Devices, Inc. produces a variety of controllers that satisfy many different requirements. Many of these are custom designs for specific systems. If you have a system control problem, give us a call. Many systems people are finding us easy to work with, and moreover they are discovering that doing business with us doesn't cost . . . IT PAYS.

Now Devices, Inc.
3041 So. Krameria Street
Denver, Colo. 80222
Tel. (303) 758-2828

WHERE RELIABILITY DOESN'T COST — IT PAYS.