

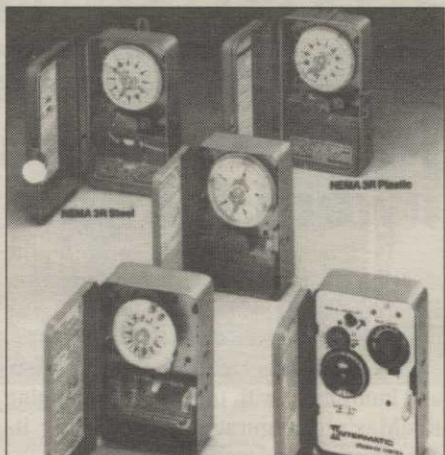
Intermatic introduces timing controls

Intermatic is offering a line of timing controls for industrial and residential sprinkling systems, drip irrigation systems and similar equipment.

Intermatic has always made products that have been used for irrigation applications, but the new controls are devoted especially to this kind of system.

The R8800 and T8800 Series Time Switches permit 60 operations per day and reportedly are ideal for multi-station, hydro-indexing valves. The LS7000 Series time switch automatically controls sprinkling times for up to three zones and can be set for local watering restrictions by setting the skipper wheel to omit operations on selected days or a weekly basis.

Intermatic's line also includes the C8800 Series cycle timers and T100 Series timer. The C8800 is designed for



short-duration uses, while the T100 provides up to 12 on/off operations every day, depending on the number of trippers used.

Contact Intermatic Inc., Intermatic Plaza, Spring Grove, Ill. 60081-9698; 312-372-7090. **Circle No 309**



Irrometer, Automata now interface

A standard interface between Irrometer Co.'s tensiometers to Automata Inc.'s telemetry system now makes it possible for remote soil-moisturing monitoring and remote control of irrigation equipment without hardwiring.

Automata and Irrometer report that the Data=Lynx system makes it possible to acquire information from the fields and send the information directly into the computer, where it is then processed and displayed for making management decisions.

Irrigation can also be controlled automatically. The companies say using the telemetry system for such things as insect monitoring and frost warning make it cost-effective.

Contact Automata, Inc. 19393 Redberry Road, Grass Valley, Calif. 95945; 916-273-0380. **Circle No 310**

Cleaning filters made easier

Amiad U.S.A., Inc. has unveiled a new device that it says substantially reduces the need to open and clean filters in the field.

The Torpedo is an insert adaptable to any 6- to 14-inch Amiad filter now in use. When placed inside the filter, the Torpedo creates an increased water velocity along the internal screen surface and forces all solids down toward the filter's debris-collection area.

Many field-tried filters did not have to be opened and cleaned all season long.

The patent-pending Torpedo is now incorporated into Amiad's newest filter, the Turboclean, which is available in 6-, 8-, 10-, 12- and 14-inch sizes.

Contact Amiad U.S.A., Inc., P.O. Box A, Reseda, Calif. 91337; 818-781-4055. **Circle No 318**

NEW PRODUCTS

Best's new pump station made for high power in small space

Best Equipment Co. has produced a full-function, variable frequency drive pump station that occupies very little skid for its output.

The Power Pack pump skid is 8 by 6 feet, or 48 square feet, instead of the normal 6-by-13-foot skids covering 78 square feet.

"During the past five years, our engineers have used computer-aided design to produce pump stations that are more compact, durable and

efficient," said Product Manager Bruce Weir. "This technology also allows us to service customers better because we can quickly make changes on computer screens instead of conventional drawings."

Best Equipment has also enhanced its SmoothFlow computer software which automatically runs the company's VFD pump stations.

The new software has more advanced capabilities for easy customer access. **Circle No 337**

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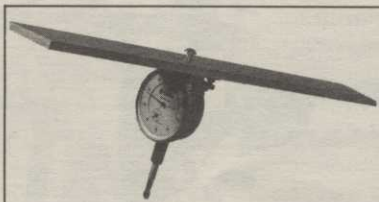
And at times the place is the path. The BRRRR ETT cart rumble strip, where affixed to the cart path, gently guides the golfer back onto the path.

The BRRRR ETT is designed to be used between rope or other barriers to guide cart traffic and is not designed for heavy equipment.

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Corrugated conduit flexible, stronger than others

Hi-Q, a polyethylene conduit developed primarily for storm-drainage purposes in the construction market, has been introduced by Hancor, Inc.

Hi-Q features a corrugated exterior for strength and a smooth liner for high capacity.

Hancor says Hi-Q offers 30 percent more capacity than concrete pipe and thus the contractor can use smaller sizes.

Ring-like corrugations make Hi-Q easy to cut and to join by using a simple, strong, soil-tight coupling system.

Hi-Q is about 5 percent as heavy as reinforced concrete on a per-foot basis and Hancor says its flexibility means it can support support larger loads than the rigid concrete.



Hi-Q conduit

Contact Hancor, Inc., P.O. Box 1047, Findlay, Ohio 45839. **Circle No 334**

Valves end main line breaks

Griswold Controls reports that its new surge anticipation valves eliminate main line breaks.

Surge anticipation provides protection against surges created by the abrupt closure of fast-reacting downstream valves.

These valves automatically relieve any pressure buildup on the lines between valves.

Model 2285's combination pressure reducing/surge anticipation is especially suited for the fast-reacting valve-in-head systems used on golf courses.

Model 2250 is a combination of solenoid, PRV and surge anticipation and is ideal as a master valve, Griswold says.

Contact Griswold Controls, 2803 Barranca Road, Irvine, Calif. 92714; 714-559-6008. **Circle No 321**

Filter between inlet, outlet

A new on-line filter with an automatic built-in relief bypass has been added to the line of Filtomat self-cleaning, line-powered water filters available from Orival, Inc.

Models had previously been available in an in-line design that flanged straight into the main pipe line and an on-line design without the relief bypass. The relief bypass on the new model is incorporated between the filter's inlet and outlet.

Filtomat filters can handle flows from 10 to 4,800 gpm and have a filtration range down to 15 microns.

Because they operate on water-line pressure alone, they require no external power and energy use is significantly reduced.

Contact Orival, Inc., Filtomat, Self-Cleaning Filter, 40 N. Van Brunt St., Englewood, N.J. 07631; 201-568-3311. **Circle No 322**

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Lesco injection system

System injects fertilizer, nutrients through irrigation

Lesco Inc. has introduced four automatic injection systems to apply fertilizers, micronutrients and surfactants through an irrigation system.

Called Lesco Microfeeder Injections Systems, the models are designed to microfeed turfgrass areas by providing frequent, low-rate product application.

The systems use diaphragm pumps ranging from 3.4 gph at 142 psi to 41.0 gph at 142 psi.

Three of the systems have flow meters and electronic microprocessors to vary the pump rate and provide constant water-to-nutrient or water-to-surfactant ratios.

Contact Ned Beach, Lesco, Inc., 20005 Lake Road, Rocky River, Ohio 44116; or call Bob Hobar at 216-333-9250. **Circle No 317**

Zurn selling backflow preventers

Zurn Industries is manufacturing 3/4- to 2-inch Wilkins Model 575 Backflow Preventers.

The units consist of a pressure differential relief valve between two independently operated, spring-loaded, poppet-type check valves.

They have two non-rising stem-gate valves and four resilient seated ball valve test cocks.

Contact Zurn Industries, Inc., Wilkins Regulator Div., 1747 Commerce Way, Paso Robles, Calif. 93446; 805-238-7100. **Circle No 325**