

# FLOW INDICATORS

At Kaydon Filtration, we are committed to bringing exceptional value to our customers, even in the simplest of solutions. Kaydon leads the industry when it comes to ensuring trouble-free operation and protecting our customers' investments. Pressure and gravity oilers offer fundamental control mechanisms to maintain proper lubrication for your equipment – lubrication that reduces friction, minimizing wear and extending the life of your equipment.

The Model 902A Pressure Feed Oiler is a combination of a metering valve and flow indicator used for the distribution and supply of lube oil under pressure to the points of use, such as bearings and gears.

The 4B Gravity Sight Feed Oiler affords a clear view and specific control of lube oil flowing by gravity to a lubrication point. This oiler provides trouble-free service with little or no maintenance required.

Kaydon Model 825 Safety Overflow Sights are installed as an accessory item for off-line (kidney-loop) oil filtration and conditioning systems. They are designed to provide convenient observation of oil flow to the system pump and maintaining a safe level of oil in an oil reservoir.

The TELEFLO® Model 816BC flow switches are simple and rugged flow switches designed for a wide range of oil and water flow applications. For more than 80 years, the TELEFLO® flow indicator and switch has provided equipment protection against the loss of flow, protecting thousands of installations against costly equipment damage due to inadequate lube oil and water flow.



# Model 4B Gravity Sight Feed Oiler

The Model 4B Gravity Sight Feed Oiler offers a clear oil flow view with fine tune-control. The Model 4B allows oil flow by gravity to a lubrication point. The double-window design permits observation of the oil stream from either side. The Model 4B Gravity Sight Feed Oiler offers a clear oil flow view with fine tune-control for gravity circulating oil systems for paper mills, steel mills and aluminum mills.

## Applications

Gravity Circulating Oil Systems

## Features

Body vent

Cast iron body, glass windows, bronze fittings

Flow rate knob

## Benefits

Prevents fogging of windows

Sturdy, rugged design

Simple to adjust flow rate with the turn of one knob



# Model 4B Gravity Sight Feed Oiler

## Installation

The 4B oiler is designed to mount in a vertical position above the lubrication point. To help prevent starvation of oil to a bearing it is recommended 4B oilers are not manifolded together. Inlet connection has optional left and right side ports. One port is used for oil inlet supply, and the other must be plugged with 1/2" NPT plug.

## Operation

After oil flow is started, turn adjusting screw knob to open needle valve. Adjust the adjusting screw knob to produce a fine oil stream. Oil must not collect in bottom of oiler. If oil collection occurs, oil flow is excessive and adjustment is necessary. If oil flow stream reduces to droplets, then a flow adjustment to return flow to fine oil stream is necessary.

## Maintenance

The Model 4B Gravity Sight Feed Oiler, (Part #24N55), provides trouble-free service with little or no maintenance required. However, once per year, the glass window panes should be cleaned to help provide clear viewing of oil stream.

To clean the glass, perform the following procedures when the lube system is off-line or down and oil flow is not required:

1. Close adjusting screw to stop oil flow.
2. Insert a pointed tool into the hole on the oiler body to push O-ring away from the oiler body.
3. After loosening O-ring from oiler body, the O-ring can be withdrawn from oiler body.
4. To remove glass window, attach piece of adhesive tape to glass and pull gently.
5. After glass is removed, clean glass with a soft cloth.
6. Before replacement of glass, inspect O-ring and replace if worn or damaged (Replacement part #300874 (qty = 2).
7. Reassemble the parts in reverse sequence to ready the system for service.

## Specifications and Details

Materials of Construction	Cast Iron Body, Glass Windows, Bronze Fittings, Buna-N O-ring Seals Exterior Paint: Epoxy
Inlet/Outlet Connections	Type: NPT Inlet: 1/2 inch Outlet: 1/2 inch
Dimensions	3.75" L x 2.38" W x 3.75" H 95.25mm L x 2.38mm W x 95.25mm H
Weight (approximate)	0.5 lbs. 2.27 kg
Maximum Operating Pressure	125 psig @ 225° F 8.79 kg/cm <sup>2</sup> @ 107.2° C
Operating Temperature Range	32° F to 200° F 0° C to 93.3° C

All design specifications are subject to change without notice.