

# Indicators

## liquid level indicator

LLI



Magnetic liquid level indicators are an inexpensive, effective means of gauging the refrigerant level in a horizontal receiver. The dial reads percent of pumpdown capacity of the receiver: when the pointer indicates 100%, the receiver is 80% full of liquid.

Pounds of refrigerant can be determined by taking the indicated percentage of the specified pumpdown capacity of the receiver.

Normal location is on the side of the receiver, centered between the liquid inlet and outlet connections. Other locations may be provided if specified. Note that at least six inches are required between centers of adjacent liquid level indicator flanges, and also between a unit and the liquid outlet pickup tube.

These can be mounted in the center of either end, provided the respective inlet or outlet fitting is moved to 1½ tank diameters from that end.

Float and assembly dial are included.

## liquid level alarm

part number INDIC58A



A liquid-level indicator is a single pole, single throw switch on which contacts close upon the decrease of the liquid level at 20% pumpdown.

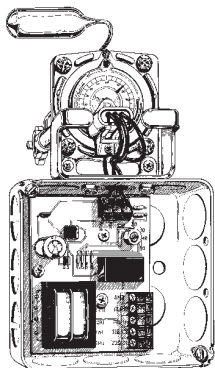
Movement of the seamless aluminum float rotates a magnet on the inner side of the solid aluminum alloy head. The indicator pointer, or switch contacts, are on the outer side and are operated by a small magnet which follows the position of the inner magnet. There is no connection, except the magnetic field, between the inside and outside. Internal gears and bearings are stainless steel.

In case of external damage, the indicator dial or switch cartridge may be replaced from outside—the refrigerant charge is not disturbed.

Switch Duty	AC
Max. Volts	120/240
Max. Amps	1 (inductive)
Max. Watts	75/150

## liquid level indicator–alarm

part number INDIC210A



This indicator–alarm with selectable low–level point is designed for use in applications where low liquid level protection is desirable. It provides a relay circuit that closes at one of five user selectable levels of from 10 to 50%. The relay circuit can be used to drive a variety of applications from alarms to pumps. The indicator–alarm also provides a direct, visual indication of the liquid level in the tank.

Each indicator–alarm uses highly reliable and accurate, three wire, voltage divider technology to send the level signal to the level alarm, relay circuitry. The voltage divider uses thick film element in conjunction with a multi–fingered contact to ensure accuracy and reliability. The connector built into the indicator–alarm mates with a standard Packard automotive type, rubber sealed connector for easy installation and reliable connections.

Temperature	-20°C to 70°C (-4°F to 185°F), operating
Working Pressuer	410 PSIG
Power Rating	5 amps, 240 VAC max.
Voltage Input	110 or 220 VAC
Gauge Mounting	Rochester Senior™ Adapter
UL Status	UL recognized for refrigeration

All indicators require a factory installed flange and are available for 8" OD and larger horizontal receivers, only. Flange cost is not included in cost of indicator alarm.