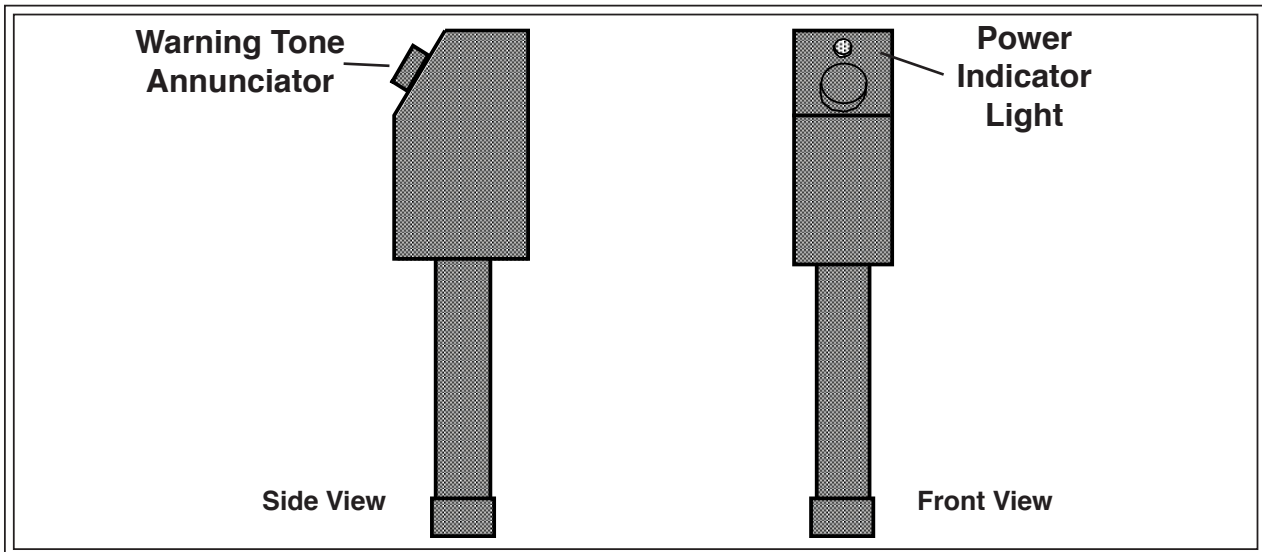




BIG DIPPER® Options

AP-6000-1 Alarm Probe

The Big Dipper® AP-6000-1 Series Alarm Probe is designed to provide an early warning that maintenance is required on Big Dipper systems. It may be easily installed in the option port located behind the Big Dipper skimming wheel enclosure (specify the model AP-6000-1-TK for this application). The AP-6000-1-TK alarm probe activates a warning tone to signal excessive grease accumulation inside the unit. The system may then be checked and corrected **before** the grease & oil level exceeds the maximum retention capacity of the unit. The alarm probe may also be installed in a grease collection barrel (specify model AP-6000-1-DR for this application) to signal when the collection barrel needs to be emptied. This option is especially important when the Big Dipper unit is installed in basements or other "out-of-sight" locations. An optional Alarm Probe with a dry contact connection for a visual flashing light is also available (please specify AP-6000-1-TKDC for Big Dipper installation and AP-6000-1-DRDC for grease collector installation).



Electrical Specifications*:

AP-6000-1-DR & AP-6000-1-TK

115 VAC, 60 Hz, 4.5 Watts

AP-6000-1-DRDC & AP-6000-1-TKDC

115 VAC, 60 Hz, 4.5 Watts, 10 Amp, 250 VAC switching capability

* 230V, 50 Hz Alarm Probes Available

Features:

- Field-installable
- Durable probe with electronics encased in molded polyethylene
- Solid state; no moving parts
- Comes fully calibrated & ready to use

Please Note:

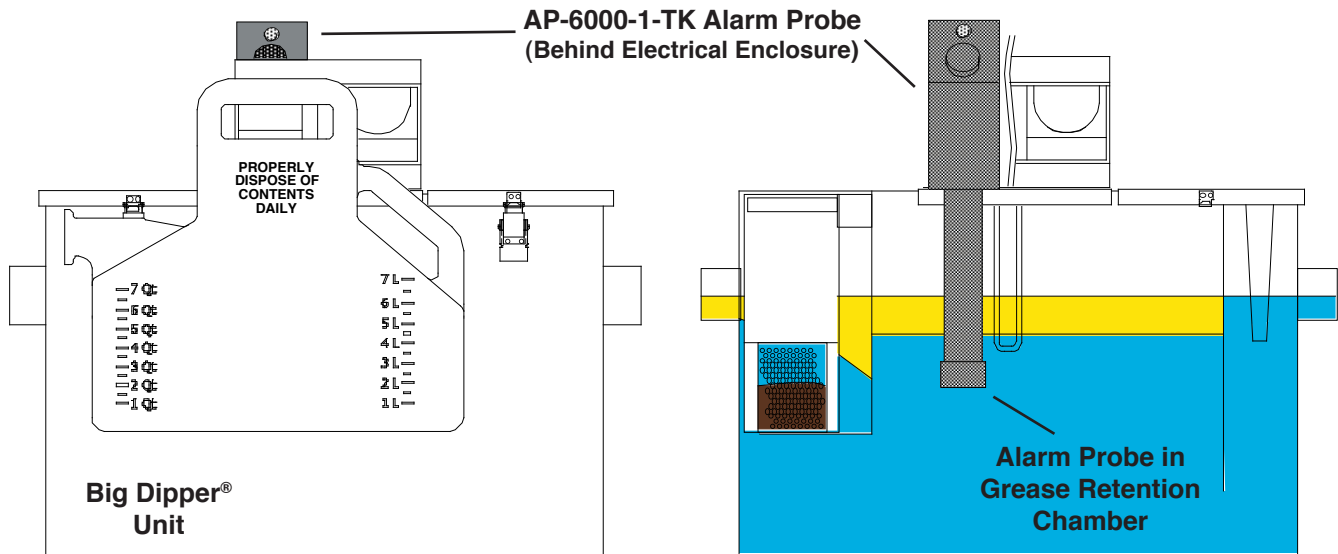
- Specify **AP-6000-1-TK** if mounted to the Big Dipper Unit
- Specify **AP-6000-1-DR** if mounted to a grease collection barrel
- Specify **AP-6000-1-TKDC*** for optional dry contact for warning light with Big Dipper Unit
- Specify **AP-6000-1-DRDC*** for optional dry contact for warning light with grease collection barrel

*Warning Light not supplied with Alarm Probe

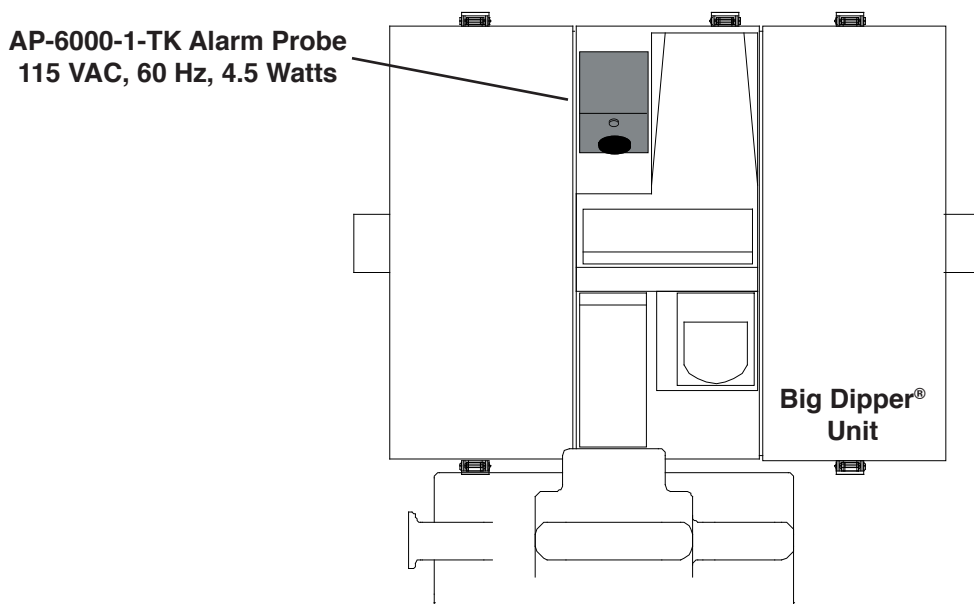
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AP-6000-1-TK Alarm Probe For Big Dipper® Unit

This schematic displays a Big Dipper® and an AP-6000-1-TK Alarm Probe as configured for a Big Dipper unit. This configuration allows monitoring of collected grease & oils within the Big Dipper unit itself. When the grease level builds up in the Big Dipper where it makes contact with the AP-6000-1-TK probe, the warning tone activates. The system may then be checked and corrected **before** the grease & oil level exceeds the maximum retention capacity of the unit.



Side View



Top View

AP-6000-1-DR Alarm Probe For Collection Container

AP-6000-1-DR Alarm Probe For Grease Collection Container

This schematic displays a Big Dipper® unit and an AP-6000-1-DR Alarm Probe as configured for a grease collection barrel. This configuration allows monitoring of collected grease & oils within the grease collector. When the grease level rises high enough to make contact with the AP-6000-1-DR probe, the warning tone activates.

