

BA-PTOC PORTABLE TRANSFORMER OIL COOLER

Baron USA portable transformer oil cooling units are designed to circulate transformer oil in and to provide supplemental cooling to a transformer.

FLOW RATE: The flow rate is adjustable from 0 to 30 gallons per minute through the use of a bypass globe valve.

OIL COOLING CAPABILITY: is provided by a Horizontal Air/Oil fan cooler with the following features:

- Fan: 6,600 cfm @ 0.9" TSP with 3 HP motor
- Flat filter section with 2" cleanable filters
- Heat removal: approximately 340 MBH (based on 80C / 176F entering @ 30 gpm; oil leaving oil at 68C / 155F with 95F ambient). Will vary with inlet conditions, flow rate and ambient temperature.

STANDARD FEATURES AND COMPONENTS:

Pump (self-priming crescent gear pump with integral relief valve), **suction strainer** with mesh basket and magnetic plug on both inlet and outlet, **flow sight indicator**, **flow rate meter** with local rate display and with low flow switch interlocked with indicator light and automatic pump stop, **accumulator** (to allow for oil expansion/contraction during storage with closed valves), **gauges** (Inlet and outlet local temperature gauges; one panel-mounted inlet temperature gauge, local pressure gauge on oil pump discharge), **pipng** (all steel welded pipe insures years of leak free service), **base** (the entire system is mounted on a reinforced structural steel base with integral drip pan to collect any oil that may be accidentally spilt), **controls** (Nema 4 enclosure containing pump and cooler starters, on/off pushbuttons for pump and cooler), **cable reel** (control panel connected to a 45-amp spring-rewind live cable reel with 50' portable cord) and **hoses** (1-1/2" or 2" (your preference) suction and discharge hoses, hard-connected to trailer inlet and outlet; SS overbraid hose x 20' long each).

PORTABILITY: Every portable transformer oil cooling unit is available in a stationary model or can be made portable on a trailer.

