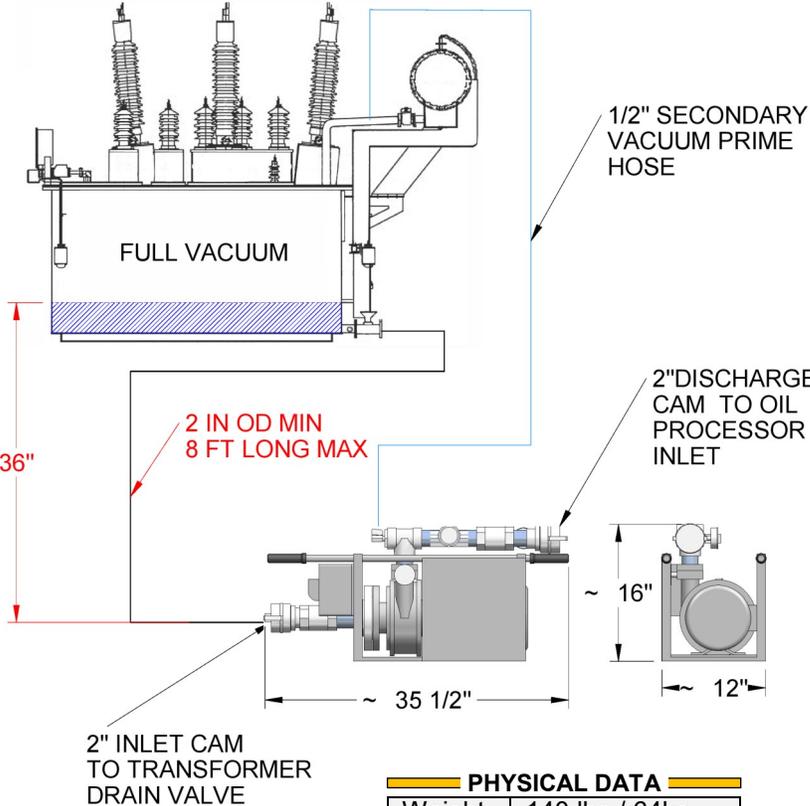
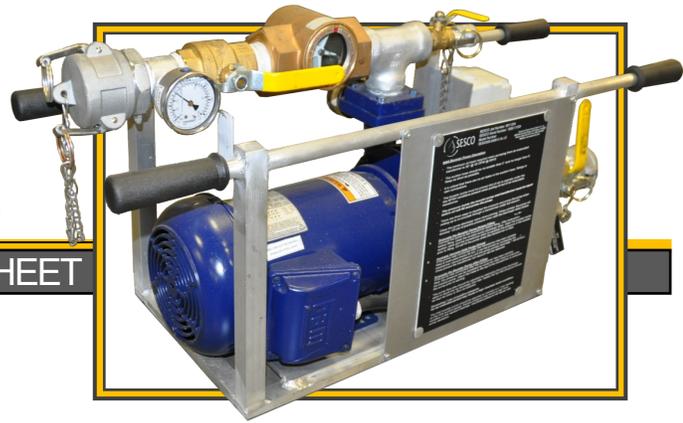




CENTRIFUGAL INLET BOOSTER PUMP

SES330S-2400-C-AL-SE DATASHEET



- The SES330S 2400 utilizes a special multistage suction centrifugal pump to supply up to 45 GPM with only 36" of oil suction head when the transformer is under full vacuum.
- Many transformer processing specifications require hot oil circulation with a limited volume of oil to heat the core prior to the dry out cycle.
- The SES330S enables the oil processor to circulate hot oil while under full vacuum with only 36" between the inlet of the pump and the oil level in the transformer.
- The SES330S is lighter, easier to store, and easier to position than it's larger heavier positive displacement predecessors.

FEATURES

- All Aluminum Frame Construction - 140 lbs
- Easily Stored - 12" W x 35 1/2" D x 16" H
- 5-45 GPM Adjustable Flow Rate
- 15 PSI Maximum Discharge Pressure
- 30-36" Oil Head Required Under Full Vacuum
- Inlet & Discharge Shutoff Valves
- Inlet and Discharge Compound Gauges
- Discharge Flow Sight
- Locally Mounted NEMA 4 Starter Box
- 75' Power Cable
- 230/460/3/60 - Special Voltages Available

PHYSICAL DATA

Weight	140 lbs / 64kg
Depth	35.5 in / 90.2 cm
Width	12 in / 35 cm
Height	16 in / 46 cm

OPERATING CONDITIONS (MINERAL OIL)

Minimum Ambient Temperature	>0.0 °F / -17.7 °C
Maximum Ambient Temperature	115.0 °F / 46.1 °C
Minimum Oil Temperature	>0.0 °F / -17.7 °C
Maximum Oil Temperature	210 °F / 98.9 °C
Consult Factory for operating conditions with Natural & Synthetic Ester Fluids	

SPECIFICATIONS

Pump Type	Multistage Centrifugal
Flow Rate	5 - 45 GPM (Restriction dependent)
Pressure Out	15 PSI
Suction Head Required	36" Minimum @ 45 GPM Oil Under Full Vacuum (2" Full Port Drain Valve Assumed)
Suction Connection	2" Female Cam
Suction Hose	36" - 3" x 8Ft with 2" M x F Cam Connections Provided with Pump
Discharge Connection	2" Male Cam
Voltage	230/460/3/60 - Special voltages available
Control	Local ON/OFF Switch with Motor Starter and Overload (NEMA 4)
Power Cord	50 ft / 15 m (4 Conductor)

INSULATING OIL CONDITIONING & REGENERATION

SES320



- Mineral
- Natural Esters

INSULATING OIL REGENERATION



SES320R



- Bulk Media
- Mobile & Stationary Options

SUBSTATION MAINTENANCE TRAILERS

SES441



- Oil Filtration
- Vacuum
- Dry Breathing Air

EVACUATION & DRY OUT SYSTEMS

SES420



- Mobile
- Cold Traps
- Dew Point Measurement

DRY AIR SYSTEMS

SES429



- Breathing Quality
- Mobile & Integrated Options

ADDITIONAL PRODUCTS AND SERVICES

FULLERS EARTH SYSTEMS

SES522



- Bulk Media
- Stand Alone or Integrated

COLD TRAPS

SES328



- Liquid N₂
- Single and Cascade Stage Refrigeration

BATCH OIL CONDITIONERS

SES320BS



- Drum Processing
- Cable Oils
- Refrigeration Oils

OIL PROCESSOR SERVICE & TRAINING

Factory and Site Service Available



- Upgrades
- Service Contracts
- Transportation

RENTAL EQUIPMENT



- SES320 Oil Processors
- Earth Systems
- Cold Traps
- Inlet Booster Pumps
- Heating Systems