

CONTINUOUS THIN-FILM DEAERATOR

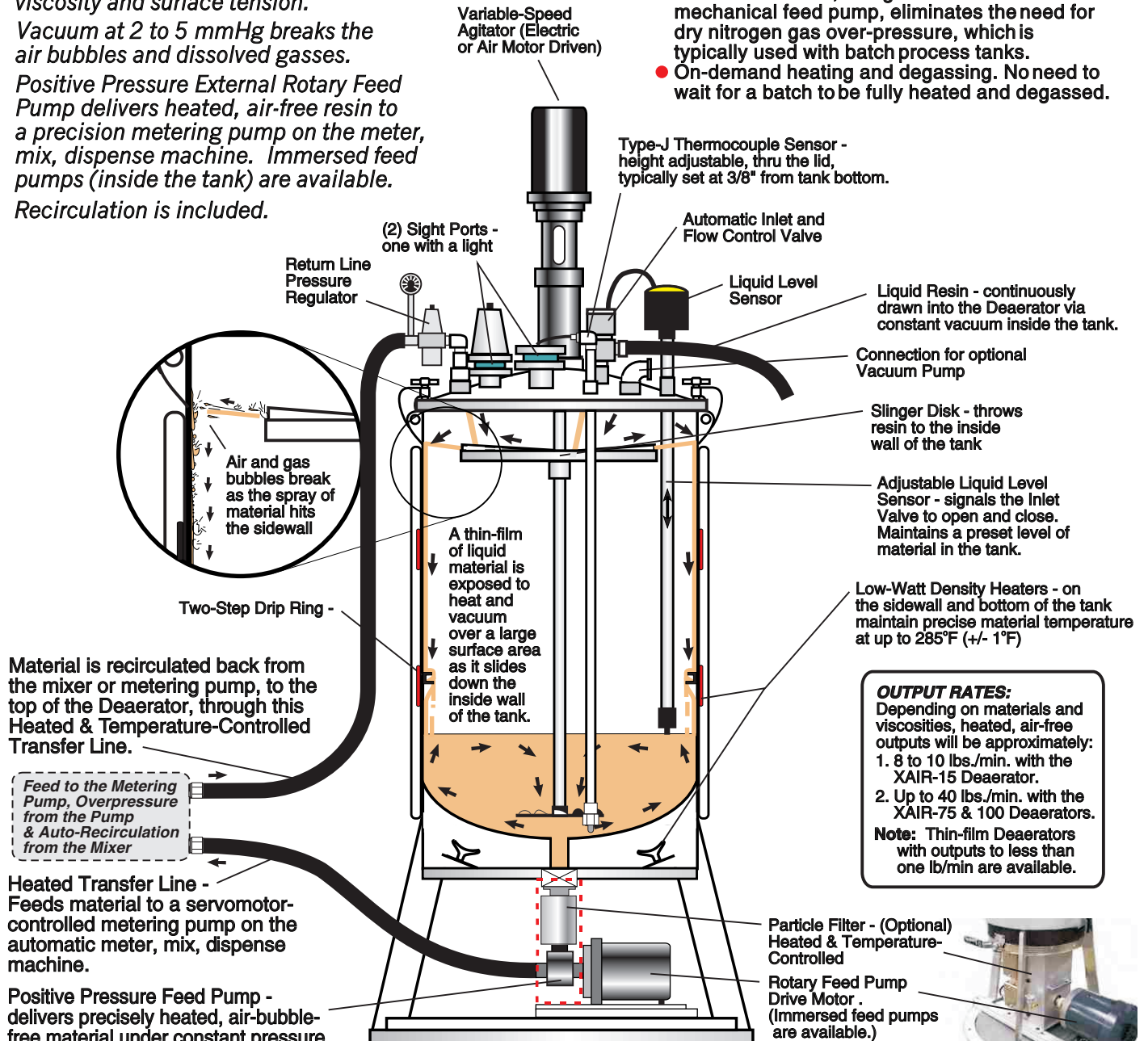
for HEATED, AIR-FREE RESIN, ON-THE-FLY

This Continuous Thin-Film Deaerator supplies precisely heated, agitated and degassed liquid material—on-the-fly—to downstream meter, mix, dispense equipment.

- Constant vacuum draws resin into the tank from the drum or tote.
- The rotating slinger creates a thin-film slide of resin down the tank wall.
- Low-watt density heat lowers resin viscosity and surface tension.
- Vacuum at 2 to 5 mmHg breaks the air bubbles and dissolved gasses.
- Positive Pressure External Rotary Feed Pump delivers heated, air-free resin to a precision metering pump on the meter, mix, dispense machine. Immersed feed pumps (inside the tank) are available.
- Recirculation is included.

BENEFITS:

- Fully automatic—requires little or no operator attention other than connecting a new, full drum of resin to the deaerator inlet.
- Minimizes material heat history and degradation. You heat only the material you need for each run.
- Constant vacuum, along with the use of a mechanical feed pump, eliminates the need for dry nitrogen gas over-pressure, which is typically used with batch process tanks.
- On-demand heating and degassing. No need to wait for a batch to be fully heated and degassed.



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