

Chemical Equipment Analytics Report

Dataset:	chemical_equipment_data_150_rows.csv
Generated:	2026-02-02T09:39:28.452753+00:00
Total Equipment:	150

Key Performance Indicators

Metric	Value
Total Equipment	150
Average Flowrate	141.44 units
Average Pressure	9.80 PSI
Average Temperature	148.66 °F

Equipment Type Distribution

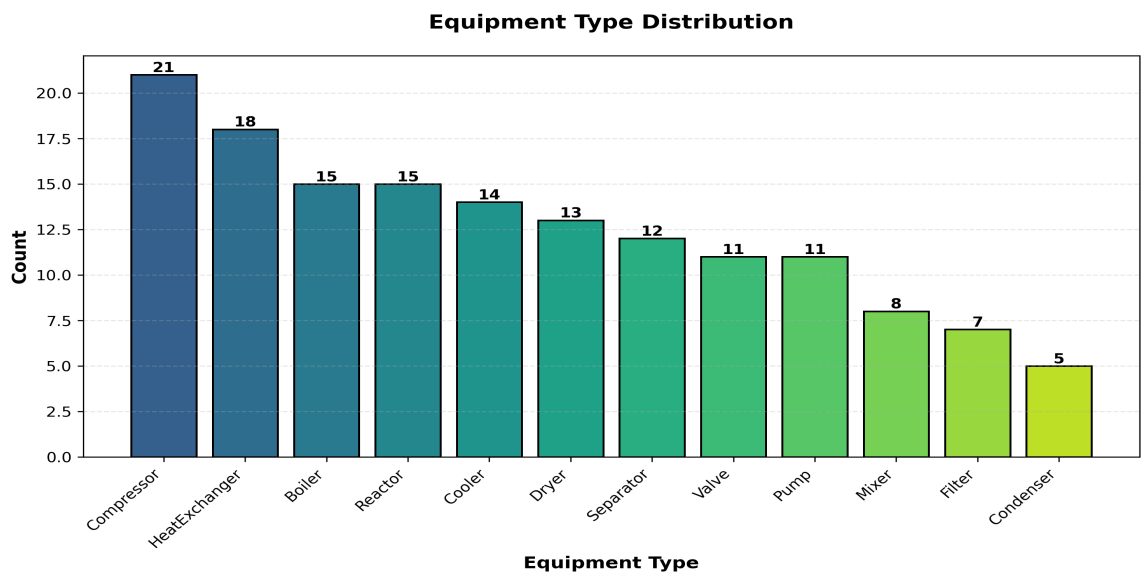


Figure 1: Count of equipment by type

Equipment Share by Type

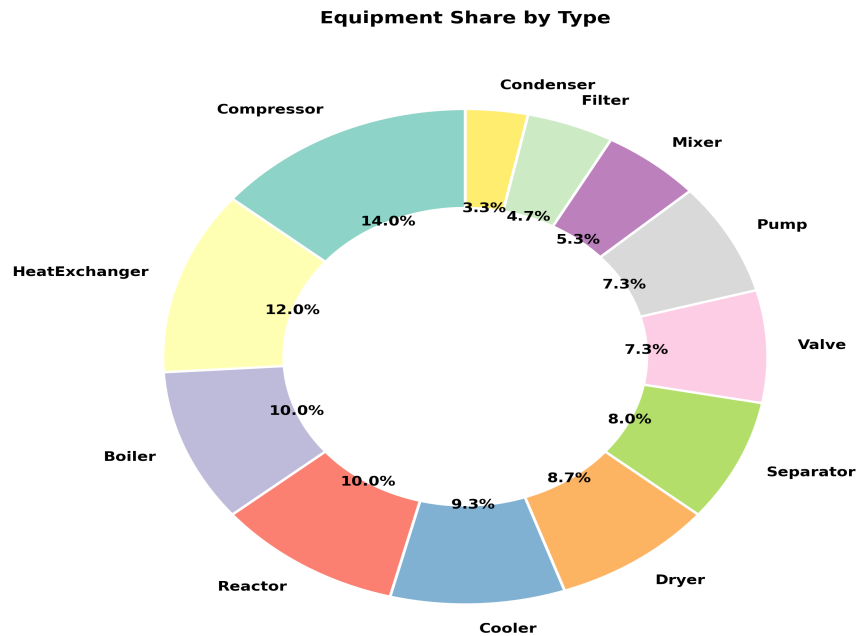


Figure 2: Percentage distribution of equipment types

Average Metrics per Equipment Type

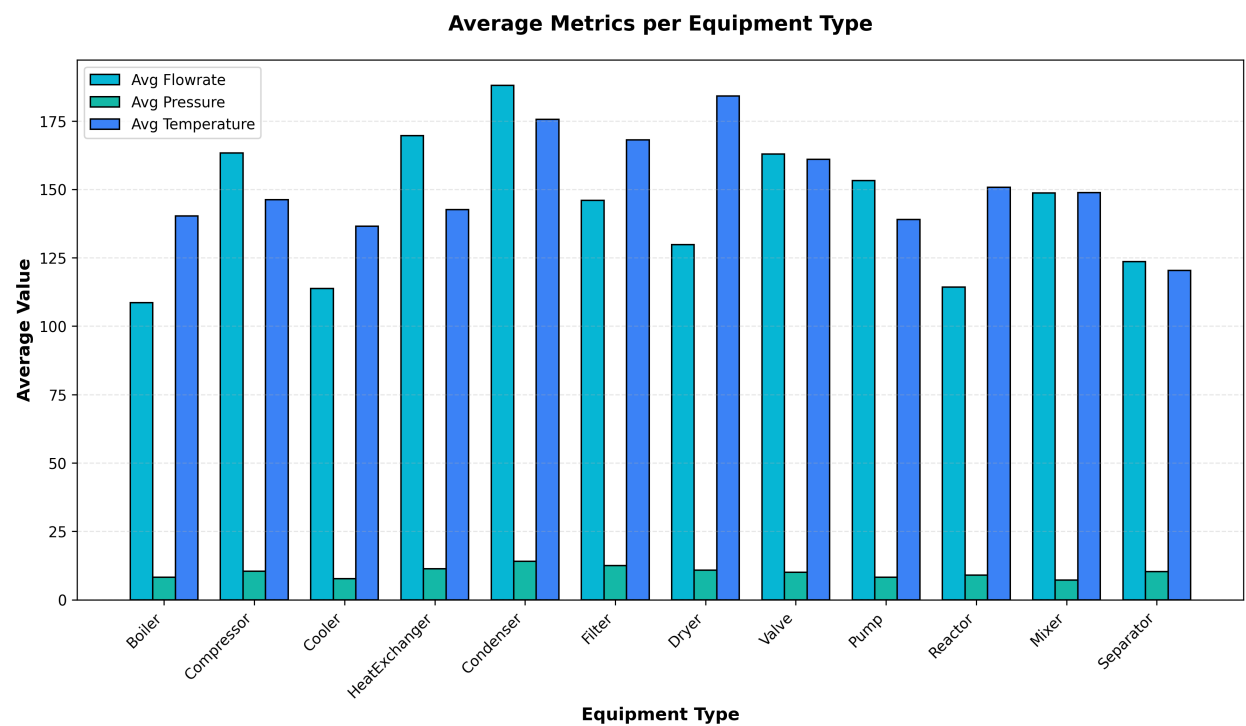


Figure 3: Comparison of average flowrate, pressure, and temperature by equipment type

Overall Average Metrics

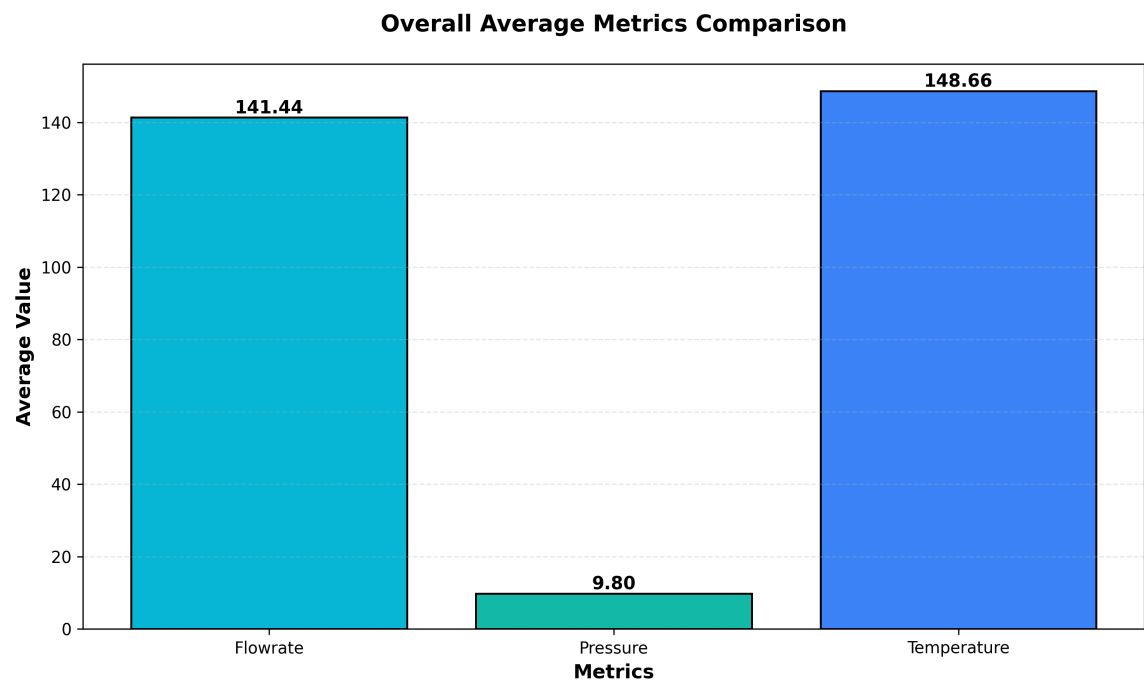


Figure 4: Overall system average metrics

Equipment Performance Profile

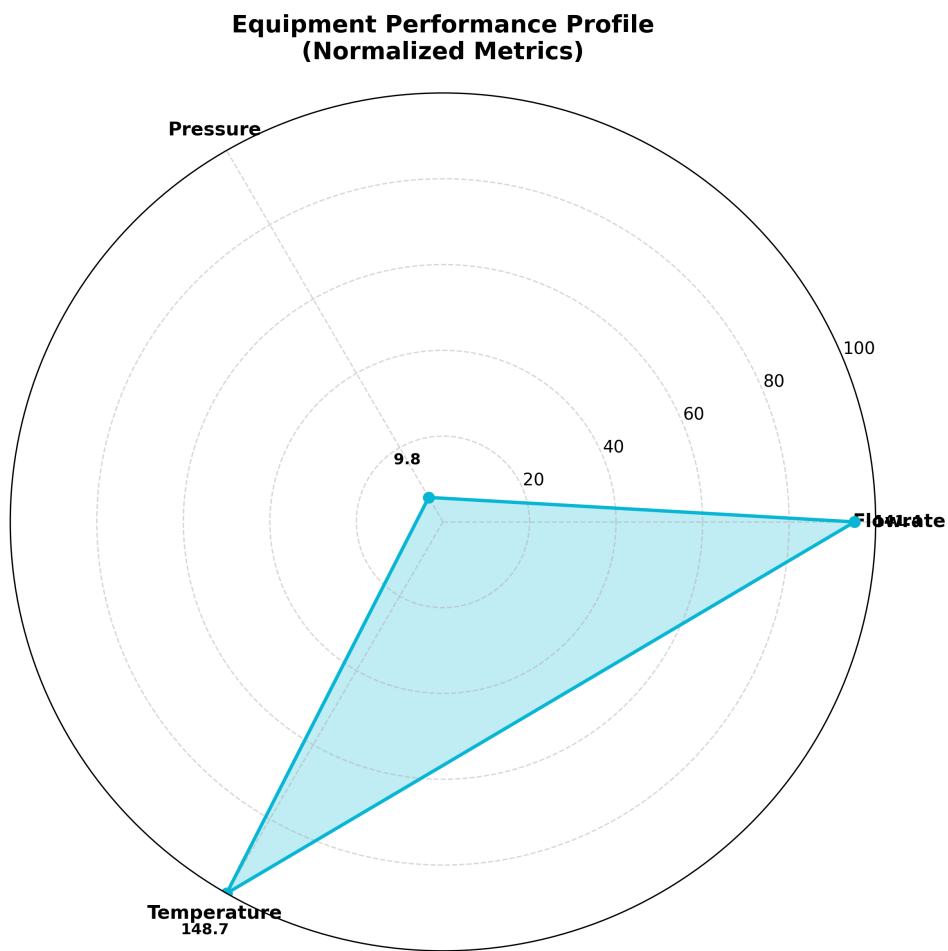


Figure 5: Multi-metric performance fingerprint (normalized)