MULTI VISTA

COMPRESSED AIR

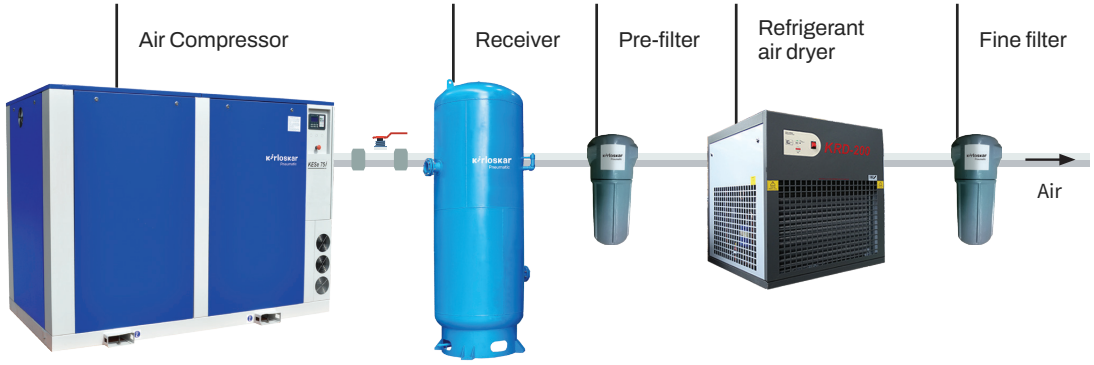
ENERGY MONITORING SOLUTIONS



WHY COMPRESSED AIR MONITORING IS IMPORTANT?

- Compressed air monitoring is crucial because it helps in identifying inefficiencies, such as leaks and excessive pressure that waste energy and increase cost.

- By providing real-time data on system performance, it enables businesses to optimize air usage, reduce energy consumption, & improve equipment longevity, leading to significant cost savings and enhanced operational efficiency.



ENERGY CONSUMPTION VS ENERGY LOSSES

Consumption in CFM	Annual Energy Cost	Annual Losses-10%	Annual Losses-50%
100	Rs.10,36,800	Rs.1,03,680	Rs.5,18,400
200	Rs.20,73,600	Rs.2,07,360	Rs.10,36,800
500	Rs.51,84,000	Rs.5,18,400	Rs.25,92,000
1000	Rs.1,03,68,000	Rs.10,36,800	Rs.51,84,000

- Ten Years old plant without proper maintenance & analysis can lead up to 50% overall energy losses in compressed air system.

SERVICE OFFERINGS

- Comprehensive Compressed Air Audit
- Compressed Air Energy Monitoring
- Compressed Air Consumption Analysis
- Compressed Air Losses Analysis
- Compressed Air Leakage Detection
- Compressed Air Leakage Management
- Pressure Drop Analysis
- Compressed Air Flow & Pressure Measurement

INSTRUMENT INFORMATION



Data Logger



Flow Sensor



Pressure Transmitter



CT for Power Logging



Line Flow Sensor



Ultrasonic Air Leak Detector

ENERGY SAVING OPPORTUNITIES

Leaks

The context of energy saving through leaks refer to places where energy (Viz., heat, air, water) escapes unintentionally.

Artificial Demand

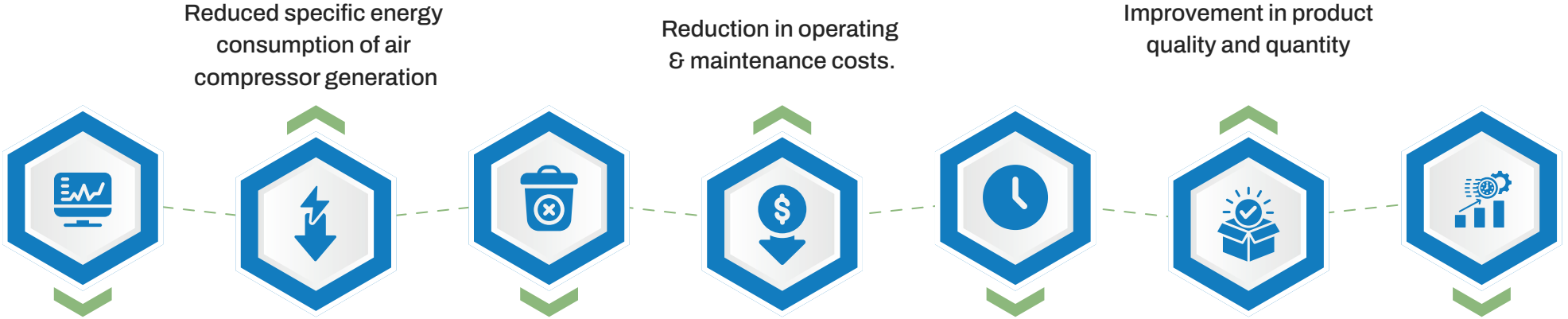
This refers to the demand for energy created by unnecessary, avoidable, or excessive use of energy

Inappropriate uses

These "inappropriate uses" might include actions like using equipment with improper settings or running processes that consume energy without providing value.



BENEFITS



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