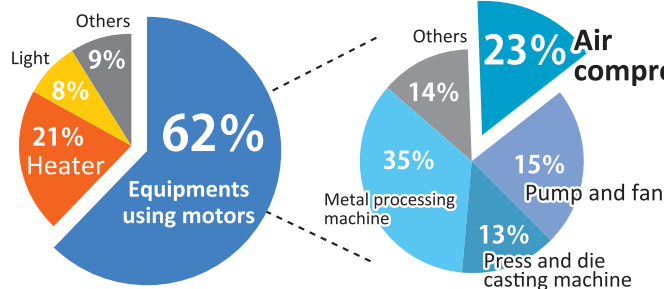


Energy Conservation in Air Compressors!

The amount of energy usage at a factory

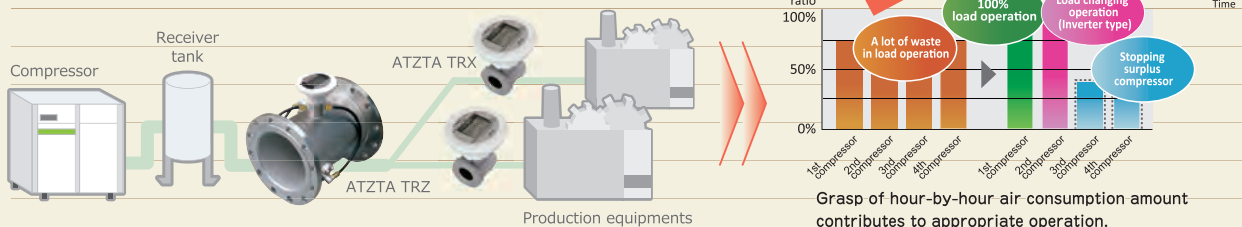


Why energy conservation of air ?

The amount of power usage related to compressors is actually high!
Energy conservation measures of compressor air are expected to lead us to achieve profound effect.

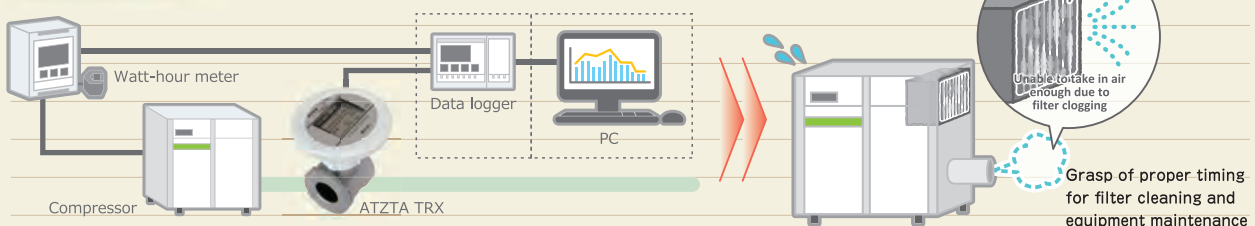
Point 1

Energy conservation by grasp of load efficiency and improvement of compressor operation!



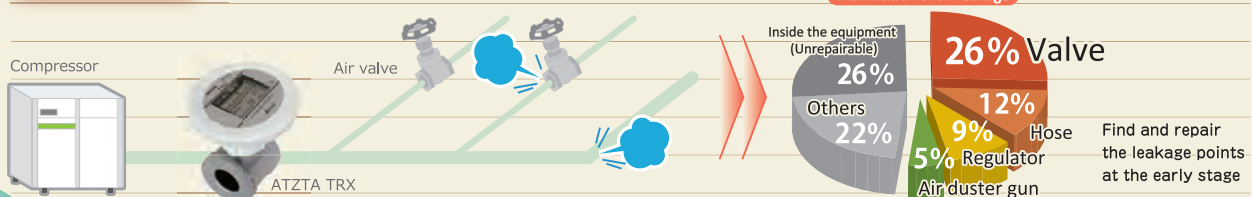
Point 2

Visualization of the efficiency with the combination of ATZTA TRX/TRZ and watt-hour meter!



Point 3

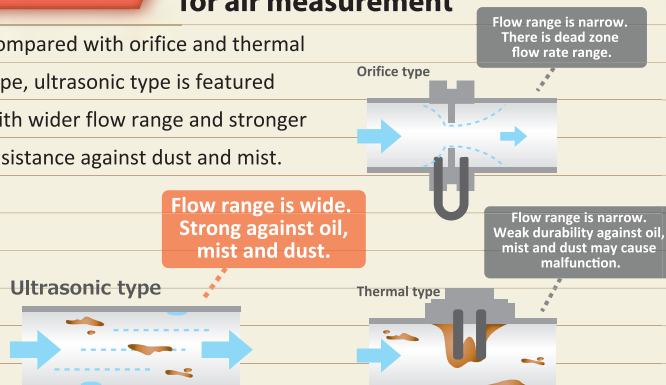
Prevent from excessive supply caused by air leakage! Loss reduction of Electric power!



Ultrasonic Flowmeter for Air ATZTA TRX/Z

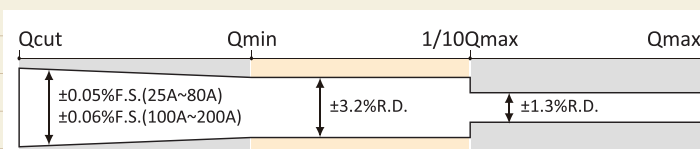
Point 1 Ultrasonic is the best for air measurement

Compared with orifice and thermal type, ultrasonic type is featured with wider flow range and stronger resistance against dust and mist.



Point 2 Higher accuracy than the other meters

Compared to the other measurement principles, ATZTA TRX/Z enables stable and accurate measurement even under small flow.



Features



Strong against oil, mist and dust

Containing oil, mist and dust does not affect accurate measurement!

* If contamination by oil, vapor, and the like is particularly high, vertical piping is recommended.



Pressure loss = "0", therefore, energy loss = "0"

Ultrasonic type measuring principle is adopted. No obstructions inside the measuring pipe, so there is no pressure loss.



Measurement and output of forward flow and reverse flow

Through the settings, measurement and output of forward flow and reverse flow is possible. This allows for use in loop piping and for determining the consumption volume for air transferred between factories.



Wide range and high performance

Wide range ability with ratio of 1:60 from minimum flow rate to maximum flow rate enables to cover dead zone flow rate range. In addition, from the detection flow rate (measurement start flow rate) to the maximum flow rate, a wide range with a ratio of 1:400 is provided.