

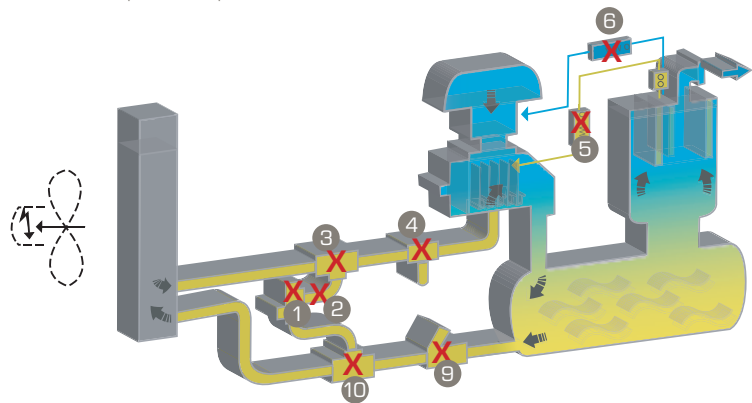
# BTM-MULTIFUNCTIONAL OILTEMPERATURE REGULATORS WITH INTEGRATED OILFILTER CONNECTION

## OIL-AIR-CIRCULATION SYSTEM

### without BTM-Multifunction-Oiltemperature regulator (for example in an oil cooled screw air compressor unit)

The multifunction system BTM replaces the following marked X components pos. 1 to 10.

1. Oil thermostat with fittings
2. Two oil pipe lines with fittings
3. T-fitting
4. Oilfilter with fittings
5. Checkvalve and oil scavenging line
6. Fast/slow discharge control
7. Oil control assembly with oil sight glas
8. Discharge line
9. Oil precleaner with fittings
10. T-fitting



Plus elimination of permanent leakings  
and high costs for assembly, maintenance and  
servicing connected therewith.

### with BTM-Multifunction-Oiltemperature regulator

#### Air circuit

1. Inlet filter/inlet control
2. Screw air end
3. Oil separator tank
4. Oil separator element
5. Compressed air outlet

#### Oil circuit

Well tempered and clean oil for:

- cooling
  - lubricating
  - sealing
  - noise reducing
3. Oil separator tank
  6. Radiator
  7. BTM system (specials on side 25):
    - oil filtration
    - operating temperature control
    - high temperature switch
    - service indicator scavenging line
    - fast / slow-down discharge control
  8. Oil injection into screw air end

