

ZENITH AFTERCOOLER & MOISTURE SEPARATOR

FOR COMPRESSED AIR AND GAS



INTRODUCTION

The ZENITH has been providing solutions to compressed heat air problems for more than 20 years.

Why AFTER COOLERS are needed ?

Aftercoolers are one of the most neglected components in the compressed air system. Very few people realise the importance of this equipment. Bundle type and it is a static equipment with fixed tube but no moving parts and hence does not draw attention. In many cases it becomes a part of the pipeline and is not even distinguishable.

The cold temperature difference or technically cold end temperature difference is the difference in temperature of out going air and income water.

Function of an Aftercooler :

- Removes 83.56% of the moisture* that is being sucked in with the Compressed Air.
- Reduces the temperature of the Hot Compressed Air (discharged from the compressor) to an operable temperature.
- Cooling of Air in the Aftercooler prevents the compressor from overheating, too.
- Tremendously reduces the load on the Air Dryers, and hence helps to use a smaller and economically designed Air Dryer.

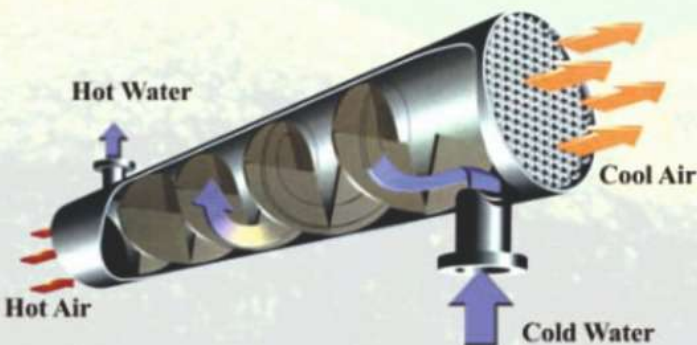
SALIENT FEATURES

- Shell and Tube type design
- Special space saving designs can be offered
- Retrofit coolers for any air compressor available
- Can be manufactured as per customers requirements.
- Can be offered with inspection by consultant .

MOISTURE SEPARATOR

Zenith Manufactures 4 major type of moisture separator :

- Baffle Type
- Centrifugal Type
- Demister pad type
- Centrifugal cum demister pad type



* All Mfrs. name, numbers, logo, symbols & description, parts no., photographs are used for reference purposes only
 * Dimension & Size can be change due to constant upgradation of products.