NOT JUST A LOT OF HOT AIR!

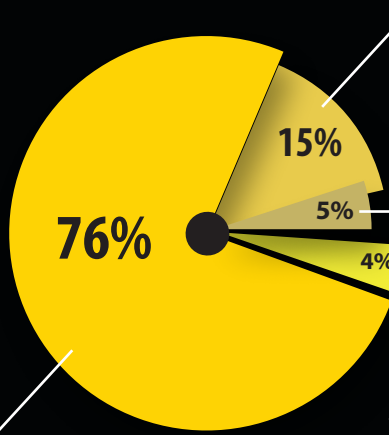
How HEAT RECOVERY can generate BIG SAVINGS

96% of the total electrical power consumption of a rotary screw compressor can be recovered for heat energy. From heating spaces to generating hot water - heat recovery can generate big savings!

Hot Air

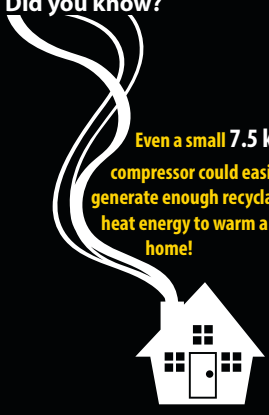
What happens to the electrical power consumption of a rotary screw compressor?

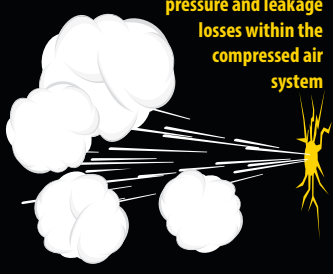
100% of the electrical energy input to a compressor is turned into heat. The action of compression charges the air in the compressor with potential energy. This energy is given up at the point of use.



up to **96%** can be recovered for heat energy

Did you know?





Heat Recovery

Types of heat recovery

Air Heating

Warmed compressor cooling air can be ducted away to provide highly effective space heating. With this method, 96% of the compressor's input energy can be recovered as heat.

Water Heating

Up to 76% of the original input energy for the compressor system can be recovered for use in hot water heating systems and service water installations. This is achieved by installing a heat exchanger in the screw compressor block cooling oil circuit.

How can recovered heat be utilised?

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