Fresh Air Supply Unit ZG
Energy recovery

Heating System type ZG 80 (for warm water or steam) with open filter- and ventilator inspection doors

Choose your heating system:

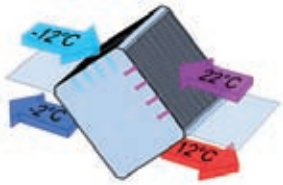
- **Warm water (PWW)**
- **Oil**
- **Gas**
- **Steam**
- **Electric**

Direct gas burner

Electric heating unit

Our Tip:

It is worth while:
With GESCHA up to 80 % savings on your energy bill!



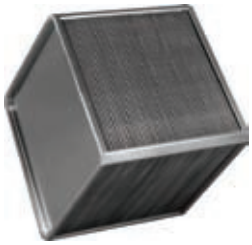
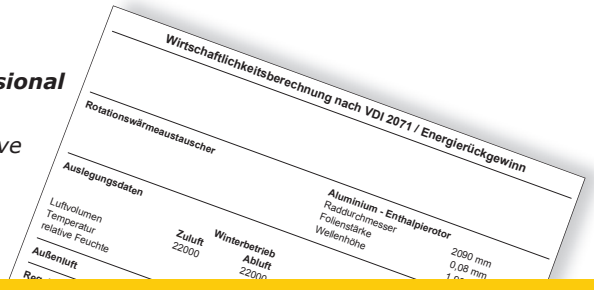


Plate heat exchanger

With the use of a rotation – or plate heat exchanger made of aluminium. Heating systems can be planned a lot smaller a lot of times. **Amortization is mostly possible with a short period of time and the investment pays for itself.** Our qualified representatives will be pleased to inform you.

Save money with professional information:
Upon request you will receive your individual GESCHA-Energy saving concept!


Wirtschaftlichkeitsberechnung nach VDI 2071 / Energierückgewinn

Rotationswärmeaustauscher

Auslegungsdaten

Luftvolumen
Temperatur
relative Feuchte

Außenluft

Zuluft
22000

Winterbetrieb

Abluft
22000

Aluminium - Enthalpierotor
Raddurchmesser
Folienstärke
Wellenhöhe

2090 mm
0,08 mm

GESCHA Fresh Air Supply units

For high quality painting

We supply clean air for your (also explosion proof) painting- and drying room.

GESCHA Fresh Air Supply units are compensating under pressure created by extraction units. It is possible to create over pressure situations in the paint room to avoid dust entering from the work shop into the painting area. Choosing the right unit is extremely important. Heating of the air is done by using warm water (PWW), oil, gas, steam or electricity. Heat exchangers or burners (oil, gas). The source of energy can be selected according to the local situation of the customer.

GESCHA Fresh Air Supply units can be equipped with an inverter or a 2 stage motor. With an optional available energy saving switch the unit will run on low once the spray gun is at rest. As soon as the spray gun is picked up, the unit automatically changes into high speed. This way the amount of energy used can be extremely reduced (20-60 %). In addition to this, it is possible to save up to 80 % of the heating energy through heat recovery with GESCHA rotation heat exchanger or cross flow heat exchanger.

Rotation heat exchanger

Modern control panel technology with Touch Screen and automatic energy saving switching.

Newest automation systems for spray booths

Temperature control for warm water systems