



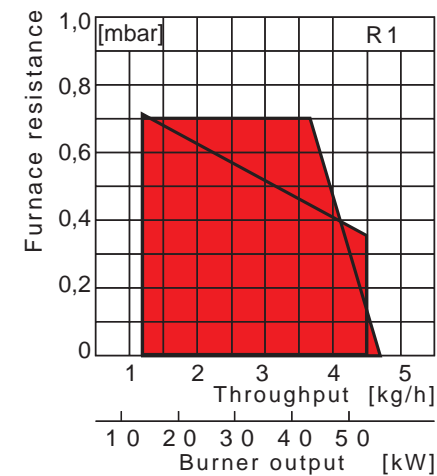
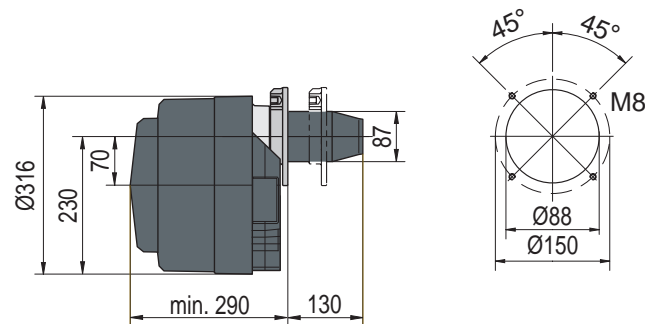
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Technical specifications

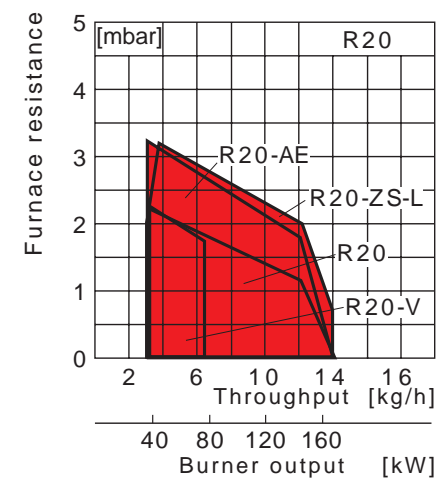
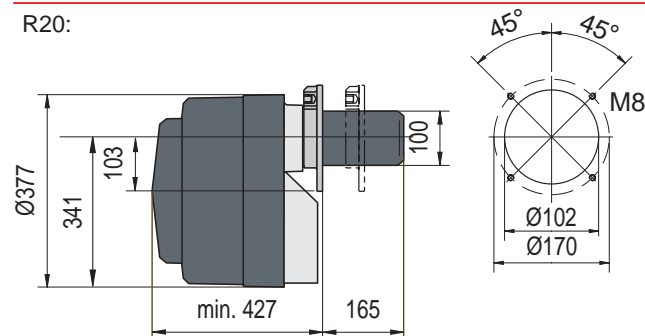
All dimensions in mm.

working ranges tested in accordance with DIN EN 267

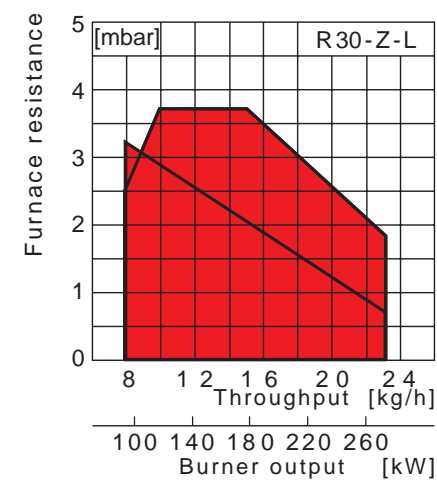
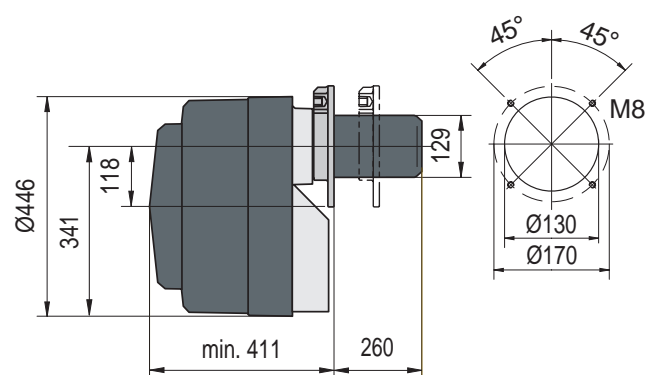
R1:



R20:



R30:



»Compact, safe
and reliable.
The R series.
Typical for GIER SCH.«



»The R series: The outcome of our many years of experience.«

The GIERSCH R burner is an extremely successful model. It's been in our product range for years and has proven itself several thousand times over. Technically it has been continuously and consistently perfected. A burner series for almost any application. Suitable for a small boiler for a one-family house or for larger dwellings, for warm air heaters, baking ovens and dryers.

The oil burners type R are equipped with state-of-the-art blower technology. The high blower compression ensures stable and safe startup behaviour and a very good smoke pattern. The precision mixing device provides for the optimized thorough mixing of the air and oil.

Series R is recognizable by its shape. Order prevails under its round burner hood. All components are arranged tidily and easy to service. All electrical connections are plug connections. The servicing position is an important detail of its well-thought out design. After releasing the quick-acting closures the burner is hooked in the servicing position. In the servicing position all functional elements, from the fan to the baffle plate with the ignition electrodes, are freely accessible.

The unique duo air control system is a special feature. On the single-stage burner version the air volume and compression are set by means of a screw. On the two-stage version the combustion air can be separately, infinitely adjusted for both output stages via the air valve positioning motor.

Each burner that leaves our works is subjected to an elaborate final inspection. Competent personnel and computer-controlled inspection devices provide the guarantee for a perfect product. Typical for GIERSCH.

The oil burners type R are equipped for the following modes of operation:

- R1 for single-stage operation
- R20 for single-stage or two-stage operation
- R30 for single-stage or two-stage operation

Series R is obtainable in the following versions

- V Oil prewarming
- L Giersch automatic economizer
- AE Single-stage with startup relief
- Z(S) Two-stage
- WLE Control device for warm air heater



Optical adjusting aid

Dimension scale "A" on the burner makes setting as easy as can be. Setting is effected with just one screw.



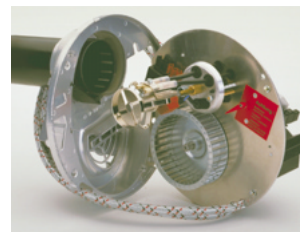
Sliding flange

The inward protrusion depth of the burner pipe can be adapted to any furnace.



Easyservicing

Just a few hand movements are enough. The base plate is simply hooked in the servicing position. All components are immediately freely accessible.



The strictest of final inspections

through state-of-the-art engineering and personal responsibility guarantee the highest quality.



Mixing device

Maximum precision in the burner pipe. The ridges in the burner pipe and the baffle plate guarantee the optimized thorough mixing of the air and oil.



Silencing device

The air-intake noise is clearly reduced.



GIERSCH automatic economizer

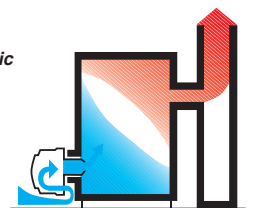
The air flap with a servo-drive. The air flap which is controlled by the servomotor prevents the furnace from cooling down during stoppage times.



Tidy arrangement

of all components on the base plate. All electrical connections are plug connections.

without the automatic economizer:
Cold air cools the furnace.



with the GIERSCH automatic economizer:
The boiler stays warm between heating-up periods. This saves energy and is environmentally friendly.

