

Extra charge for permitted operating pressure of 6 bar [art.-No. KRT-PN6-100]
Extra charge for permitted operating pressure of 6 bar [art.-No. KRT-PN6-150]
Extra charge for permitted operating pressure of 6 bar [art.-No. KRT-PN6-220]
Extra charge for permitted operating pressure of 6 bar [art.-No. KRT-PN6-300]
Extra charge for permitted operating pressure of 6 bar [art.-No. KRT-PN6-400]
Extra charge for permitted operating pressure of 6 bar [art.-No. KRT-PN6-540]

Reinforced version for permitted operating pressure of 6,0 bar. Test pressure 9,0 bar.

Automatic ignition system [art.-No. KRT-ZG]

Special length feed worm [art.-No. KRT-MUT]

Note:

Standard 670 mm (see data sheet 5001-1)

Max. 1750 mm possible: pay attention to increased idle time and amount of energy for the burn out phase. Longer duration of the noisy idle phase, save space to store burn out energy.

Feed worm: 1-step for pellets [art.-No. KRT-P1]

Version with greatly reduced feed worm rotation speed only for pellet operation.

Feed worm: 2-step for pellets [art.-No. KRT-P2]

Version with 2-step feed worm for selectively optimized operations for shavings/chippings (high speed) and for pellets (low speed).

Motor feed worm with reversible poling 750/300 Upm.

Complete set of displacement rods [art.-No. KRT-VS-100]

Complete set of displacement rods [art.-No. KRT-VS-150]

Complete set of displacement rods [art.-No. KRT-VS-220]

Complete set of displacement rods [art.-No. KRT-VS-300]

Complete set of displacement rods [art.-No. KRT-VS-400]

Complete set of displacement rods [art.-No. KRT-VS-540]

Installing wiring rods in the heat exchanger pipe results in an improved heat transition and thus, in a higher heat performance without increasing the exhaust gas temperature. Wiring rods are recommended for furnaces that mostly run at full load (e.g. in multi- furnace operations). In such cases, we also recommend the installation of a pneumatic pipe cleaning system.

Recirculation gas system [art.-no. KRT-RZ-100]

Recirculation gas system [art.-no. KRT-RZ-150]

Recirculation gas system [art.-no. KRT-RZ-220]

Recirculation gas system [art.-no. KRT-RZ-300]

Recirculation gas system [art.-no. KRT-RZ-400]

Recirculation gas system [art.-no. KRT-RZ-540]

Function:

Reduction of the furnace temperature while maintaining highest thermal efficiency. This permits the use of fuels that tend to form a slag and increases the life cycle of uncooled fire-proof parts in the combustion chamber. The basic settings tune the recirculation gas/ fresh air ratio exactly to the fuel.

The mechanical volume stream control sets a constant ratio of recirculation gas to fresh air over the entire performance range.

Scope of delivery:

- Injector with throttle for basic settings
- Recirculation gas pipe from the injector to the inlet nozzle of the furnace in Cr-Ni steel Werkst. no.: 1.4401
Shape: stuck on with clamp fitting, arch with cleaning lid.
- Inlet nozzle to furnace

Recigas pipe isolation DN 80 [art.-no. KRT-RZ-IS1]

Recigas pipe isolation DN 125 [art.-no. KRT-RZ-IS2]

Temperature resistant isolation 35 mm thick made of mineral wool with aluminum lamination and lateral adhesive tape for the even elements of the recigas pipe Incl. adhesive tape of alu foil for the frontal areas.

Pneumatic Pipe Cleaning [art.-no. KRT-RW- . . .]

The entire pipe heat exchanger is periodically cleaned by compressed air impulses. The ashes are loosened by a very short pressure impulse. The pipe cleaning lets the furnace performance remain constant over the entire heating period. The loose particles are blown into the de-asher. Just in front of the de-asher, ash emission increases by approx. 15%. The amount of air contained in each pressure impulse is measured not to influence combustion. The amount of zones and the size of the valves are exactly matched to the size of the heat exchanger. To achieve the best cleaning result with the least amount of air, each heat exchanging pipe has the pressurized air blown into it exactly from the center. The entire equipment is mounted at the back of the exhaust gas collector in a space saving and oscillation free area. The silenced compressor is preferably placed on the (cool) floor of the heating room.

Scope of delivery:

- Suction tube piece mounted in the exhaust collector; incl.- connecting nozzle with heat deflector
- Pressurized air – distribution container incl. attachment brackets; operational valves (heat proof with heat-proof hoses)
- Compressor type 282-50 special edition for use in communities
Performance 182 l/min; container 50 l; max. pressure 10 bar; motor 1,8 kW, 2850 rpm, 230V; incl. pressure regulator and ready-to-plug pressure switch; sound level 79 dBA
- ½" galvanized steel air pressure pipes up to max. 4,0m in length.

On site:

- Power supply 230V compressor

Technical data:

[Art.-no.]	KRT-RW-100	KRT-RW-150	KRT-RW-220	KRT-RW-300	KRT-RW-400	KRT-RW-540
Amount of zones / valves	3	4	3	4	5	6
Valve size	G 1"	G 1"	G 1"	G 1 ½"	G 1 ½"	G 1 ½"
Max. air consumption at full load [l/h]	150	200	300	400	500	600

Reduced price on site pressurized air [art.-no. KT-RW-DL]

Mark up price for sound protected compressor [art.-no. KT-RW-KS]

Compressor with increased performance, larger air container for short operating hours and sound proof hood. Type 362-100 special edition for use in communities;
 Performance 202 l/min; container 100 l; max. pressure 10 bar; motor 1,8 kW, 1420 rpm, 230V; incl. pressure regulator and ready-to-plug pressure switch; sound level 64 dBA

Oil burner –switch box LK 170 mm [art.-No. OBW-150]

Oil burner –switch box LK 190 mm [art.-No. OBW-550]

Water related side of equipment parts on sheets 2610 to 2750