

■ KV 025 W Hydronic Fireplace Insert

Wide, straight fireplace insert with balanced flue and a hot-water heat exchanger, available in 4 versions.

KV 025 W 01 with double glazing can satisfy the needs of the vast majority of customers for a reasonable price. KV 025 W 02 with triple glazing transfers the most of its output to a heating medium, and the least to the ambient environment. It is definitely the right choice for low-energy houses. Both the inserts are available also as a rear loading variant, KV 025 W 01 BD and KV 025 W 02 BD.

All the KV 025 W inserts feature a hot-water heat exchanger with TRIPLE PASS system, opening for cleaning a heat exchanger tube plate, an integrated cooling loop and both thermal relief and air vent valves.

Advantages of KV 025 W Fireplace Insert

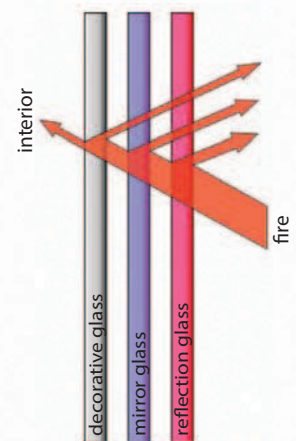
- ▶ High ratio of heat output going into water, low to the ambient environs
- ▶ Large glazing
- ▶ High efficiency and cleanliness of combustion
- ▶ Airtight product with balanced flue (CPV)
- ▶ Comfort handling and maintenance



■ Glazing

KV 025 W 01 features **double glazing as standard**, consisting of outer decorative printed glass and inner reflection glass. This combination of glass reflects efficiently radiant heat back to the combustion chamber which improves burning. The reflected heat can be then utilized in the hot-water heat exchanger.

KV 025 W 02 model is above that fitted with a special **reflection glass with a mirror effect** which reduces the radiant heat passing through the glazing to extreme minimum. Combination of **three** fireproof panes offers the highest number of reflection surfaces capable of reflecting back thermal radiation sent from the fireplace insert. And last but not least, the mirror glass can make invisible eventual untidiness inside the combustion chamber.



■ Rear door

Moreover, fireplace inserts in the versions KV 025 W 01 and 02 BD are fitted with a rear door that permits e.g. cleaning or loading to be done from a utility room.





Technical Data for KV 025 W

Parameter	KV 025 W 01	KV 025 W 02
Regulated heat output	5 - 18 kW	5 - 19 kW
Heat exchanger output	3.5 - 12 kW	3.5 - 14 kW
Efficiency	87 %	90 %
Glazing	2	3
Insulation	Standard	Upgraded
Air Tightness Certificate	No	Yes
Standards met	EN 13 229, DIN plus, Bimsch 1/2, 15a B-VG, 15a B-VG (2015)	
Height	1256 mm	1256 mm
Width	773 mm	820 mm
Depth	495 mm	503 mm
Weight	300 kg	310 kg
Flue duct diameter	180 mm	180 mm
Balanced flue diameter	150 mm	150 mm



Technical Data for KV 025 W BD

Parameter	KV 025 W 01 BD	KV 025 W 02 BD
Regulated heat output	6 - 18 kW	6 - 18 kW
Heat exchanger output	7 kW	8 kW
Efficiency	90 %	90 %
Glazing	2	3
Insulation	Standard	Upgraded
Air Tightness Certificate	No	Yes
Standards met	EN 13 229, DIN plus, Bimsch 1/2, 15a B-VG, 15a B-VG (2015)	
Height	1272 mm	1272 mm
Width	826 mm	826 mm
Depth	595 mm	595 mm
Weight	300 kg	307 kg
Flue duct diameter	180 mm	180 mm
Balanced flue diameter	150 mm	150 mm