

# Planning and installation

## HKD 2.2 XL

Tested according to		EN 13229 W	EN 13229 WA	EN 15250
Values measured at		nominal load	accumulation	
Suitable for all construction types according to rules		OK	OK	
<b>Data for functional demonstration</b>				
Rated heat power	kW	11		-
Firewood consumption	kg/h	3,0	5	7,5
Combustion performance	kW	13	21	32
Flue gas mass flow	g/s	13,5	18,5	25
Outlet temperature (before heating surface)	°C	520	540	650
Flue gas temperature after				
attached steel smoke hood	°C	-	-	-
1 x adjoining cast iron radiator (GNF10)	°C	170	-	-
accumulation rings (MAS) <sup>1)</sup>	°C	-	-	-
7 m adjoining ceramic accumulator <sup>2)</sup>	°C	-	-	-
6 m ceramic modular accumulator (KMS system)	°C	-	-	-
water boiler	°C	-	-	-
Necessary supply pressure	Pa	12	15	15
Combustion air consumption	m <sup>3</sup> /h	25	45	55
Combustion air connection Ø	mm	125	125	160
<b>Heat distribution</b>				
Insert / heating surface	%	40 / 35 - 40	40 / 35 - 40	40 / 35 - 40
Glass (single / double)	%	25 / 20	25 / 20	25 / 20
Boiler	%	-	-	-
<b>Cross-section of gratings for max. warm air power</b>				
Supply air	cm <sup>2</sup>	1400	1400	*)
Warm air	cm <sup>2</sup>	1400	1400	*)
<b>Space inside oven chamber</b>				
Distance to oven chamber wall	cm	6	6	*)
Distance to floor	cm	15	15	*)
<b>Heat insulation without / with <sup>3)</sup> air gratings</b>				
Wall	cm	12 / 8	12 / 8	*)
Floor	cm	0	0	*)
Ceiling	cm	25 / 19	25 / 19	*)
Insulation of additional fire door DHT	cm	-	-	-
Brick lining of protected walls	cm	10	10	*)
<b>Weight</b>				
Fireplace + burning chamber	kg		305 + 68	
<b>meets requirement limit values for</b>				
Germany / Austria / Switzerland / Norway		1.BImSchV (Stufe 2) / 15a BVG / LRV / -		

- 1) Throttle flap recommended
- 2) Approximate value, must be calculated eventually
- 3) Values with air gratings, stove casing is heat conducting

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