

# Condensing gas-fired storage water heater

## WHC 400



HOT WATER

T usage 38°C - T inlet 10°C - T storage 80°C



**79 min**

recovery time  
( $\Delta T = 70^\circ\text{C}$ )



**x 25**

N° showers  
period: 5 min  
flow: 8 l/min



**x 55**

N° sinks  
period: 3 min  
flow: 6 l/min



**x 16**

N° sinks  
period: 10 min  
flow: 6 l/min



**x 8**

N° commercial sinks  
period: 10 min  
flow: 12 l/min

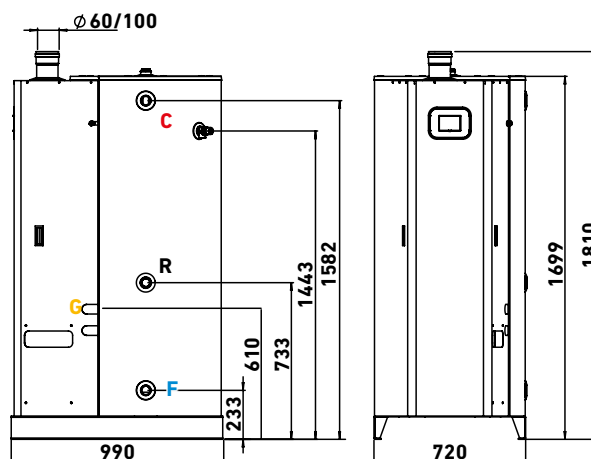


**x 6**

N° bathtubs  
capacity: 170 l



Technical data			
Nominal storage capacity		L	395
Maximum working pressure		kPa (bar)	600 (6)
Rated heat input	Q <sub>n</sub>	kW	25,0
Minimum heat input	Q <sub>m</sub>	kW	5,0
Rated heat output	P <sub>n</sub>	kW	24,5
Minimum heat output	P <sub>m</sub>	kW	8,3
Gas consumption	G <sub>20</sub>	m <sup>3</sup> /h	2,7
Flue gas temperature	G <sub>20</sub>	°C	68
Efficiency (PCI)	G <sub>20</sub>	%	108
ERP specifications			
Energy efficiency class			A
Load profile			XXL
Efficiency	$\eta_{wh}$	%	84
Annual fuel consumption	AFC	GJ	23
Daily fuel consumption	Q <sub>fuel</sub>	kWh	29,0
Annual electricity consumption	AEC	kWh	24
Daily electricity consumption	Q <sub>elec</sub>	kWh	0,11
Nitrogen oxide emission	NO <sub>x</sub>	mg/kWh	53
Noise level inside	LWA	dB	53
Mixed water 40°C	V40	L	584
Performance (T cold 15°C / T storage 80°C)			
Recovery time	$\Delta T = 25^\circ\text{C}$	min	28
Draw-off capacity - single withdrawal	$\Delta T = 25^\circ\text{C}$	L	1.030
Draw-off capacity 60 min	$\Delta T = 25^\circ\text{C}$	L	1.871
Continuous output	$\Delta T = 25^\circ\text{C}$	l/h	841
Recovery time	$\Delta T = 50^\circ\text{C}$	min	56
Draw-off capacity	$\Delta T = 50^\circ\text{C}$	L	510
Draw-off capacity - first hour	$\Delta T = 50^\circ\text{C}$	L	930
Continuous output	$\Delta T = 50^\circ\text{C}$	l/h	420
Electrical data			
Power consumption		W	51
Power supply		V/Hz	230V ~ 50Hz
IP-classification		IP	21
Weight and dimensions			
Empty weight		kg	183
Filled weight		kg	578
Dimensions (w x d x h)		mm	720x990x1699
Hydraulic connections			
Hot Water Outlet	C	in	1"½
Cold Water Inlet	F	in	1"½
Recirculation	R	in	1"½
Gas Inlet	G	in	¾"



**Package**

weight Kg 203  
Dimensions (L x p x h)  
mm 820x1100x1740

Code  
**WHC400**

Price  
**€ 5.005,00**

