

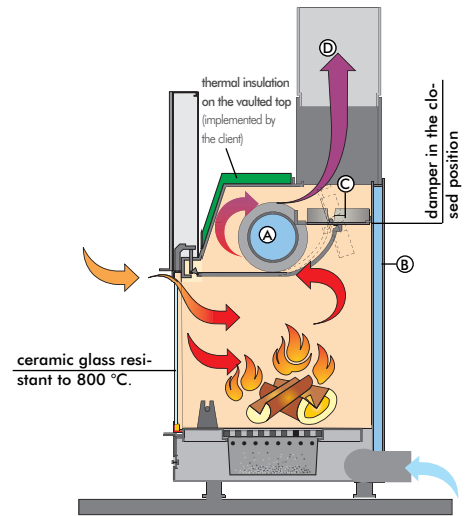
# TECHNICAL DATA

Specifications		22	29
Thermal output (burnt)	kW	30	35
Nominal power	kW	23	27
Power water	kW	16,1	18,8
Overall efficiency	%	78,4	78
Efficiency to the water	%	~ 70	~ 70
Optimal wood consumption (min-max)	kg/h	2,5/8,5	3/10
Total weight including the packaging (open tank/closed tank)	kg	234/246	302/311
ø female smoke outlet	cm	20	25
ø stainless steel chimney flue for a height ranging from 3 to 5 m	cm	25	25
ø stainless steel chimney flue for a height ranging from 5 to 7 m	cm	22	25
ø stainless steel chimney flue for a height exceeding 7 m	cm	20	22
ø external air inlet	cm	12,5	12,5
Water capacity	litres	70	90
Maximum operating pressure	bar	1,5	1,5
Hot sanitary water production (kit 1-3-n3-n3bis-6- Idrokit)*	l/min**	13-14	13-14
Heating capacity ***	m <sup>3</sup>	600	705
System return	inches	1"¼	1"¼
System flow	inches	1"¼	1"¼

\* boiler temperature is 70°

\*\* (ΔT=25K)

\*\*\* Insulation in accordance with the Legislative Decree 192/2005 ex Italian Law 10/91 and subsequent changes together with an expected heat output of 33 Kcal/m<sup>3</sup> per hour.



## OPERATING DIAGRAM

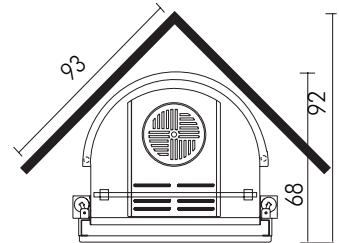
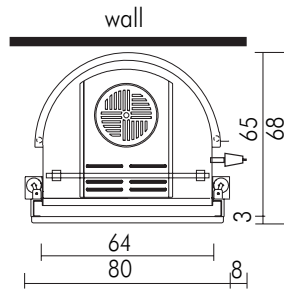
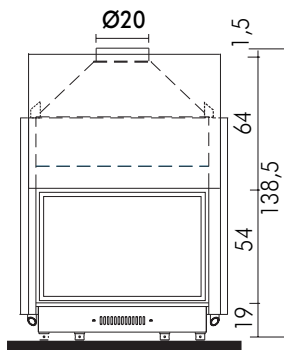
The water warms up, circulating in the exchanger pipe (A) and in the hollow space (B) that skims along all the semi-circular wall. The hollow space is constructed in thick steel sheet.

## AUTOMATIC SMOKE BY-PASS

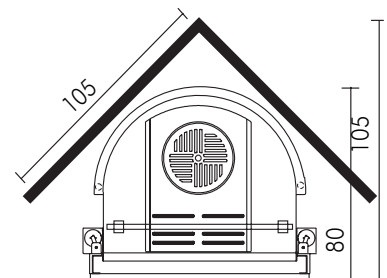
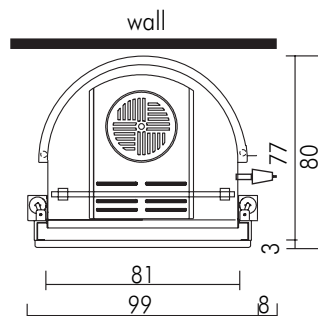
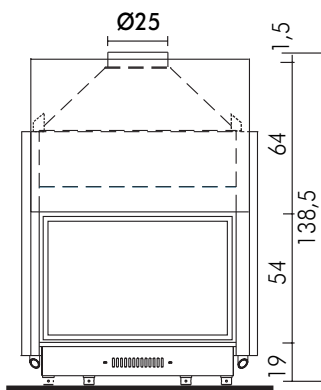
When turning on with the frame open, to facilitate combustion start-up, the smoke damper (C) remains in the opening position so that smoke can directly and easily reach the chimney flue.

When combustion has been started up, the smoke damper also closes automatically when the door is closed. In this mode, before reaching the chimney flue, smoke deviates in such a way to lap and give off heat both to the hollow spaces (B) and to the heat exchanger pipe (A).

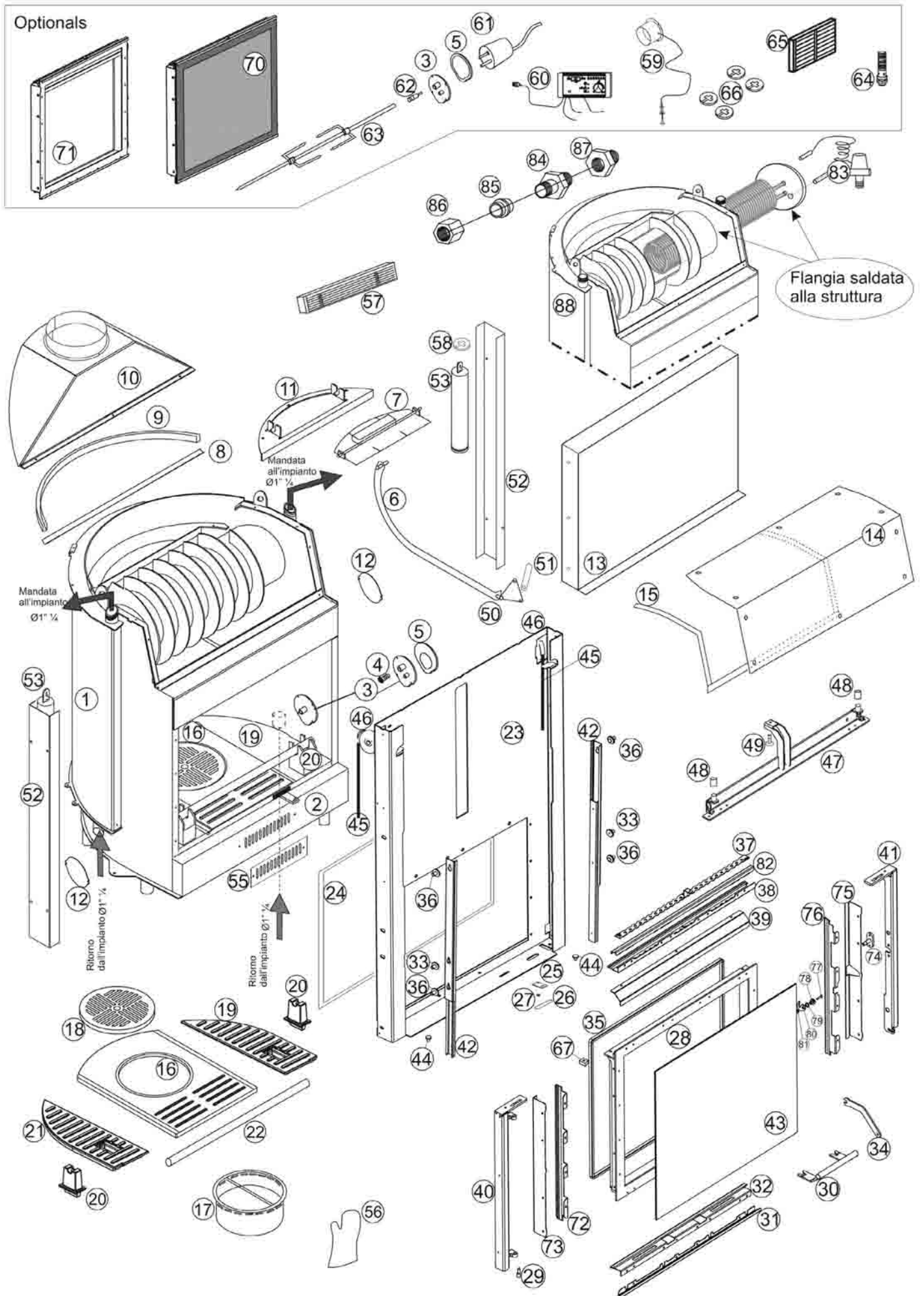
## ACQUATONDO PLUS 22 2 variants: • open tank • closed tank



## ACQUATONDO PLUS 29 2 variants: • open tank • closed tank

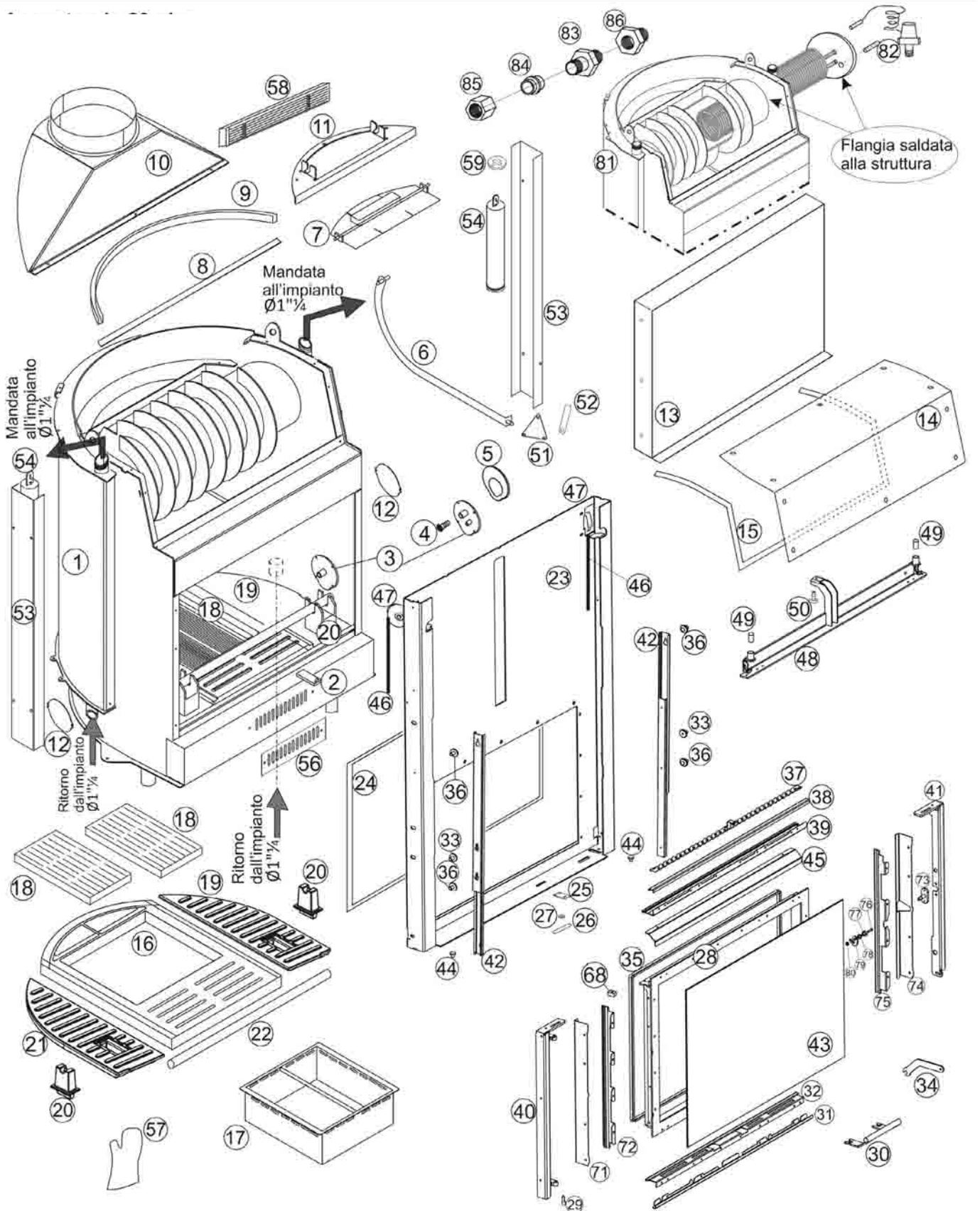
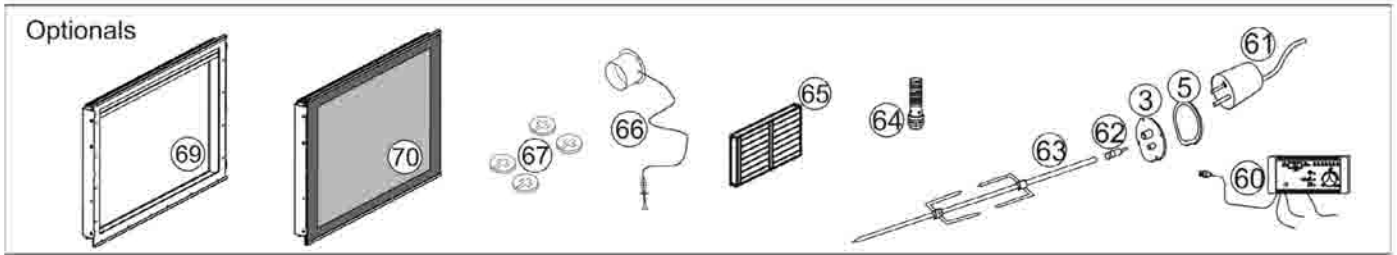


# ACQUATONDO PLUS 22/22 CS



# ACQUATONDO PLUS 29/29 CS

Optionals



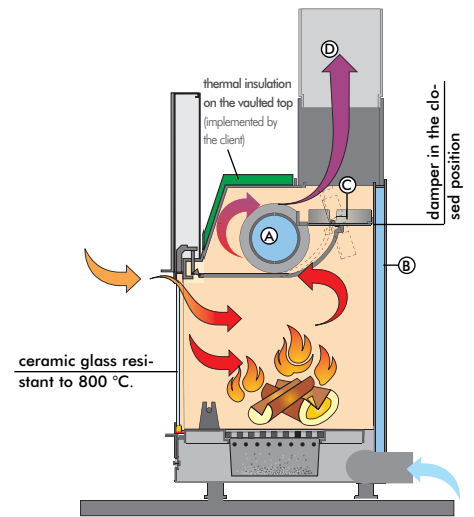
# TECHNICAL DATA

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Power water	kW	16,1	18,8
Overall efficiency	%	78,4	78
Efficiency to the water	%	~ 70	~ 70
Optimal wood consumption (min-max)	kg/h	2,5/8,5	3/10
Total weight including the packaging (min-max)	kg	234/254	302/319
∅ female smoke outlet	cm	20	25
∅ stainless steel chimney flue for a height ranging from 3 to 5 m	cm	25	25
∅ stainless steel chimney flue for a height ranging from 5 to 7 m	cm	22	25
∅ stainless steel chimney flue for a height exceeding 7 m	cm	20	22
∅ external air inlet	cm	12,5	12,5
Water capacity	litres	70	90
Maximum operating pressure	bar	1,5	1,5
Hot sanitary water production (kit 1-3-n3-n3bis-6-ldrokitt)*	l/min**	13-14	13-14
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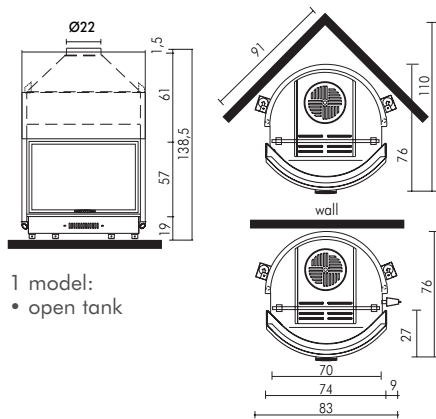
## OPERATING DIAGRAM

The water of the radiator circuit warms up, circulates in the heat exchanger pipe (A) and the hollow space (B) and skims along the semi-circular wall. The hollow space is created by using thick steel sheet metal.

## AUTOMATIC SMOKE BY-PASS

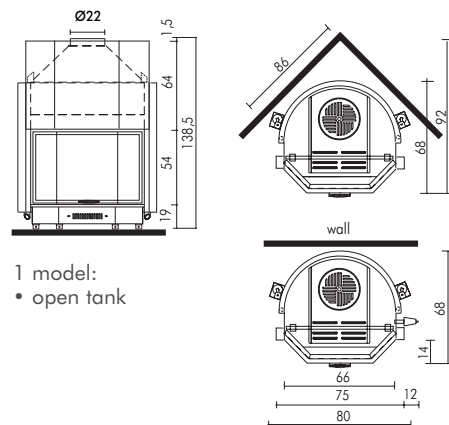
When turning on with the frame open, to facilitate combustion start-up, the smoke damper (C) remains in the opening position so that smoke can directly and easily reach the chimney flue. When combustion has been started up, the smoke damper also closes automatically when the door is closed. In this mode, before reaching the chimney flue, smoke deviates in such a way to lap and give off heat both to the hollow spaces (B) and to the heat exchanger pipe (A).

## ROUND 22



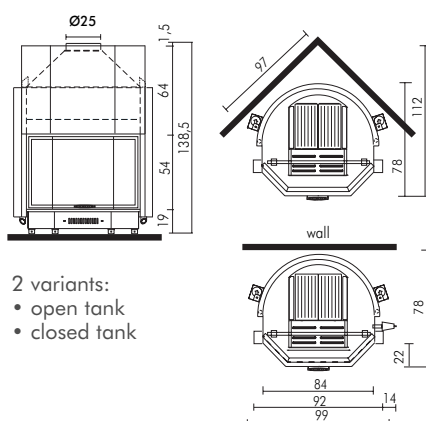
1 model:  
• open tank

## PRISMATIC 22



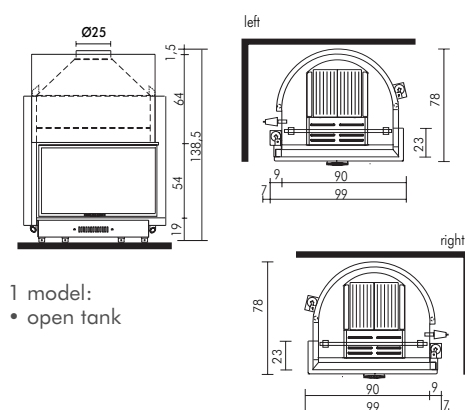
1 model:  
• open tank

## PRISMATIC 29



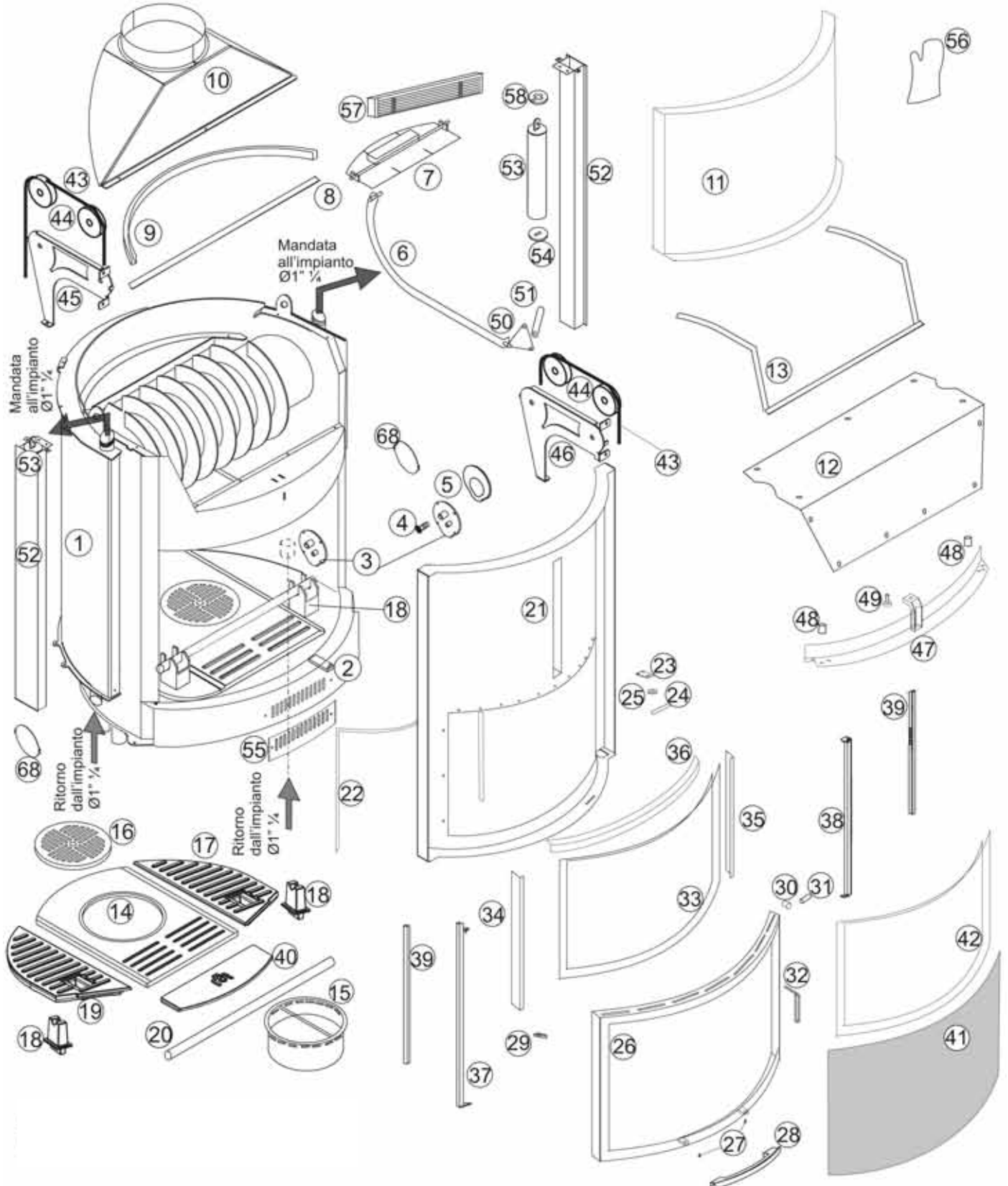
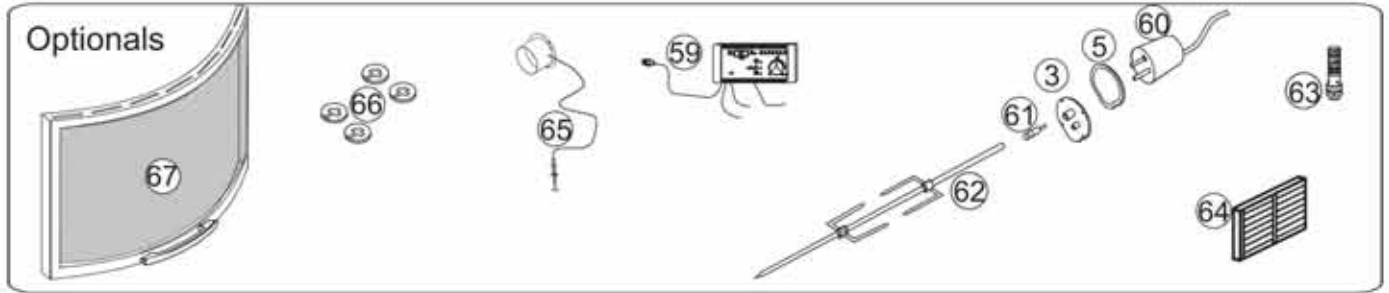
2 variants:  
• open tank  
• closed tank

## GLASS ON ONE SIDE 29

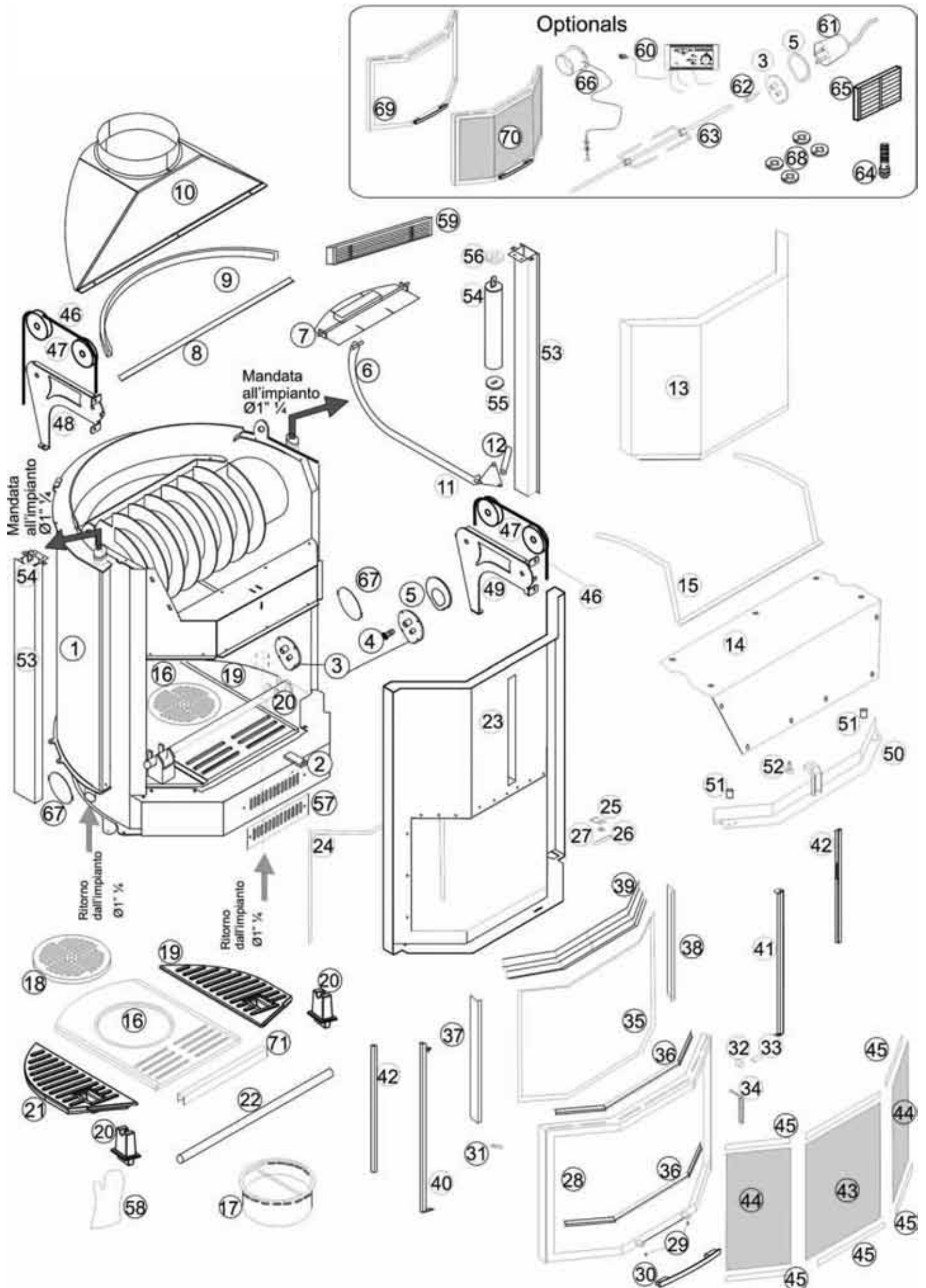


1 model:  
• open tank

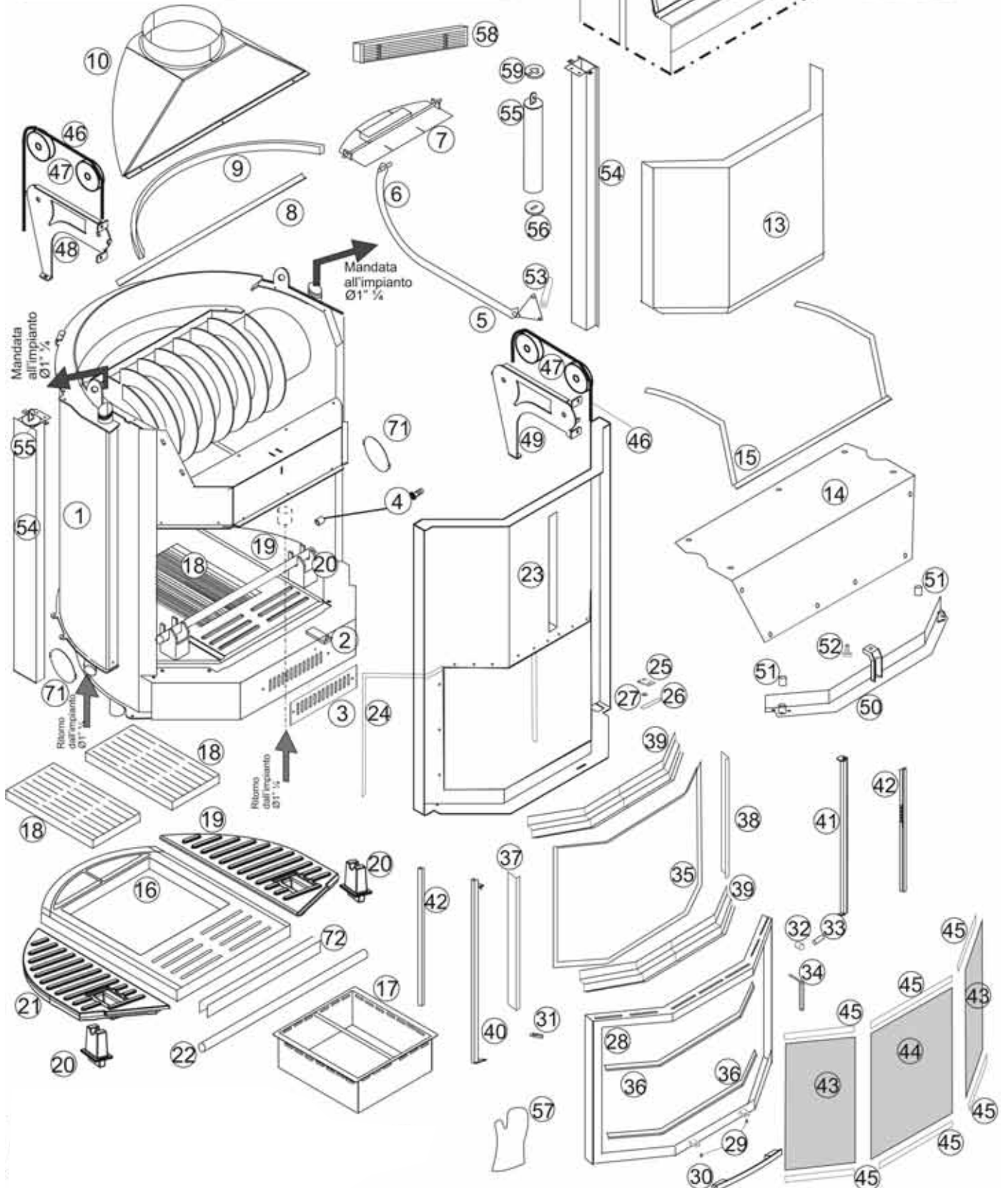
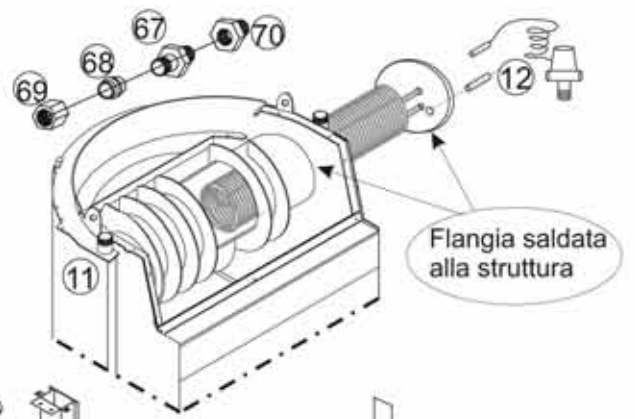
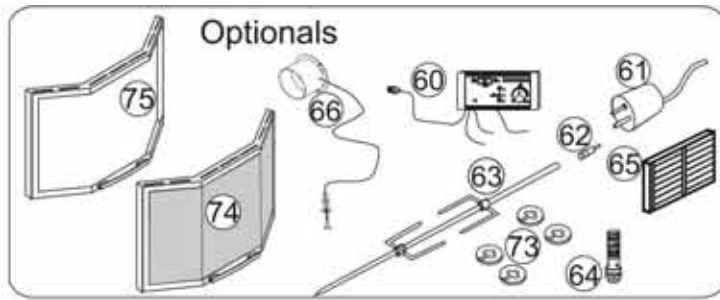
# ACQUATONDO 22 sfera



# ACQUATONDO 22 prismatico



# ACQUATONDO 29 prismatico



# ACQUATONDO 29 un lato vetrato

