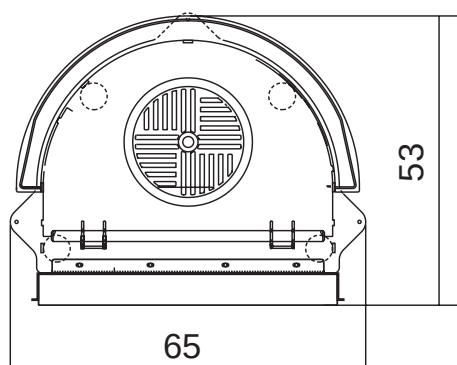
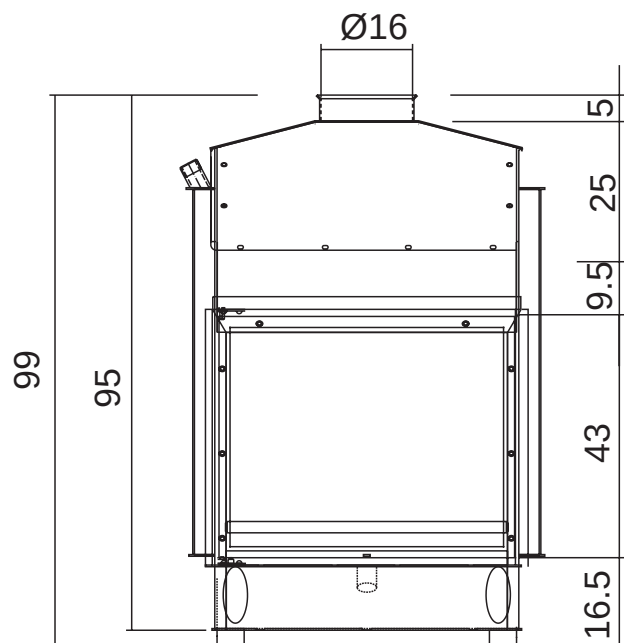


TECHNICAL DATA

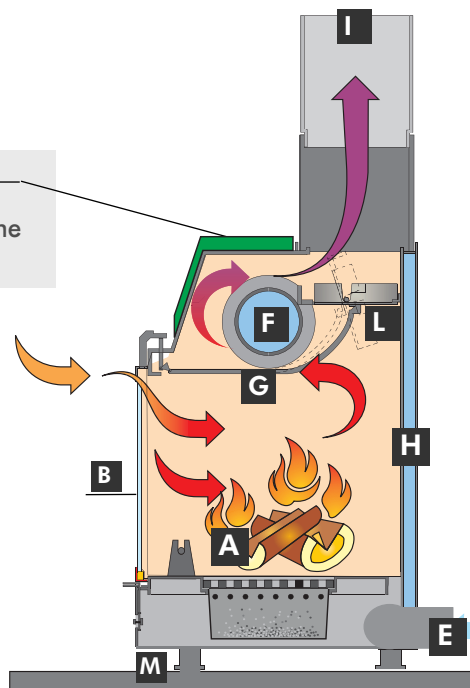
ENGLISH

Specifications		
Power output	kW	14,2
Water heating output	kW	8,5
Overall efficiency	%	75,1
Efficiency to the water	%	70
Optimal wood consumption	kg/h	4,5
Total weight including the packaging	kg	115
ø female smoke outlet min. height 3 m	cm	16
ø external air inlet	cm	10
Water capacity	litres	30
Maximum operating pressure (open tank)	bar	0,5
Maximum operating pressure (closed tank)	bar	1,5
Heating capacity *	m ³	370
System return	inches	1"
System flow	inches	1"

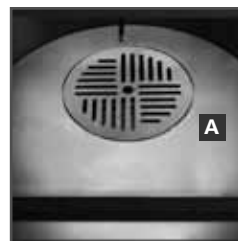
* Insulation in accordance with the Legislative Decree 192/2005
ex Italian Law 10/91 and subsequent amendments



thermal insulation
on the vaulted top
(implemented by the
client)

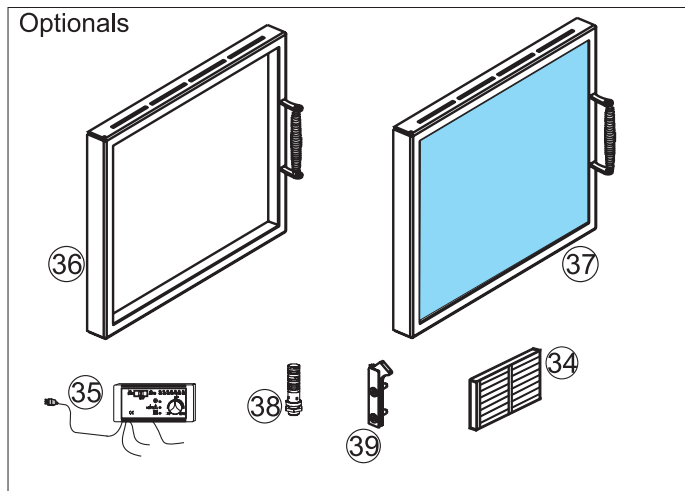


- A** • hearth and ash grill made of cast iron and ash-pan made of steel.
- B** • flat ceramic glass
- C** • cold handle
- D** • lower water outlet (inlet is above)
- E** • external air inlet Ø 10 cm, wired control
- F** • coil enabled by the thermal relief valve (only in the closed tank version)
- G** • heat exchanger pipe
- H** • 30-litre water capacity
- I** • female smoke outlet Ø 16 cm
- L** • When the door is closed, the damper by-pass automatically diverts the combustion smoke, thus improving the efficiency. When the door is opened, the damper by-pass opens automatically, allowing the smoke to reach the smoke flue directly, preventing it from coming out of the inlet.
- M** • feet (optional)

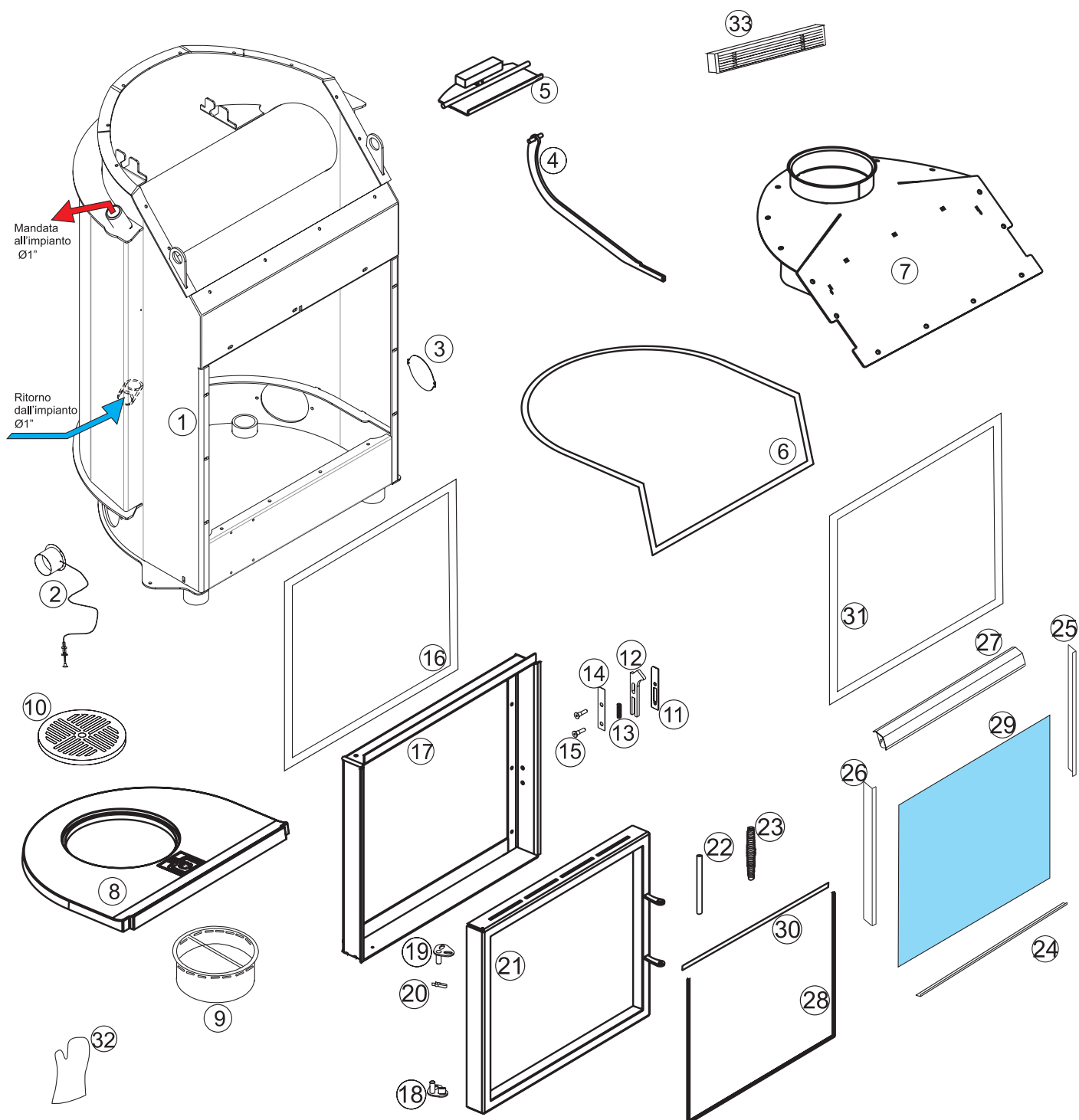
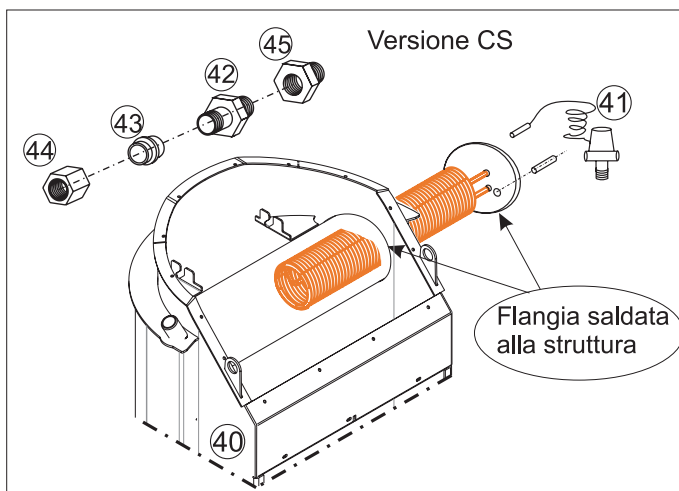


IDRO 30

Optionals



Versione CS



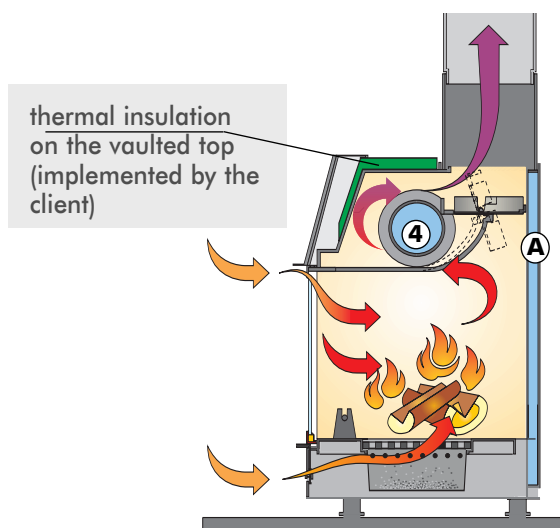
TECHNICAL DATA

Specifications		50/50CS	70	100
Thermal output (burnt)	kW	23	30	35
Power output	kW	18	23	27
Overall efficiency	%	78,2	78,4	78
Efficiency to the water	%	~ 70	~ 70	~ 70
Optimal wood consumption	kg/h	5,5	7	8
Total weight including the packaging (min-max)	kg	171/189	184/230	251/302
ø female smoke outlet	cm	18	20	25
ø stainless steel chimney flue for a height ranging from 3 to 5 m	cm	20	25	25
ø stainless steel chimney flue for a height ranging from 5 to 7 m	cm	18	22	25
ø stainless steel chimney flue for a height exceeding 7 m	cm	18	20	22
ø external air inlet	cm	10	10	10
Water capacity	litres	60	70	90
Maximum operating pressure	bar	1,5	1,5	1,5
Hot sanitary water production (kit 1-3-n3-n3bis-6)*	l/min**	10	12	14
Heating capacity ***	m³	440	560	660
System return	inches	1"	1 1/4"	1 1/4"
System flow	inches	1"	1 1/4"	1 1/4"

* boiler temperature is 70°

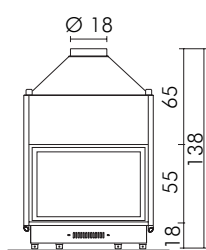
** ($\Delta T = 25K$)

*** Insulation in accordance with the Legislative Decree 192/2005 ex Italian Law 10/91 and subsequent changes together with an expected heat output of 35 Kcal/m³ per hour.

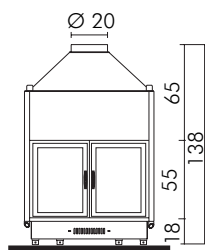
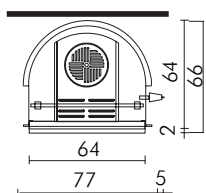


The fireplace must be installed with an open tank (EXCEPT FOR IDRO 50/CS).

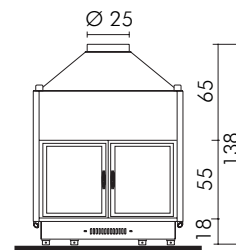
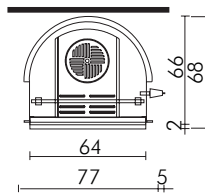
The water of the radiator circuit warms up, circulates in the heat exchanger pipe (4) and the hollow space (A) and skims along the semi-circular wall. The hollow space is created by using thick steel sheet metal.



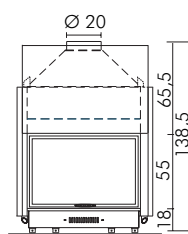
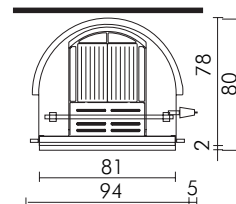
**IDRO 50
IDRO 50 CS
fixed door
leaf**



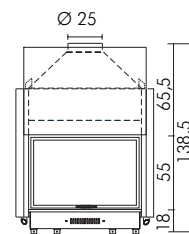
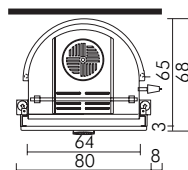
**IDRO 70
fixed door
leafs**



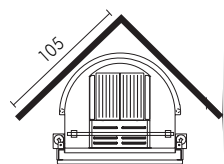
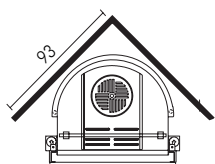
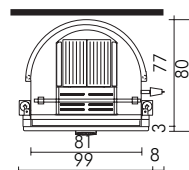
**IDRO 100
fixed door
leafs**



**IDRO 70
door**



**IDRO 100
door**



ante fisse - fixed door leaf - Volet fixe - hoja fija-Feste Lügeltür - vast deurtje



Flangia saldata
alla struttura

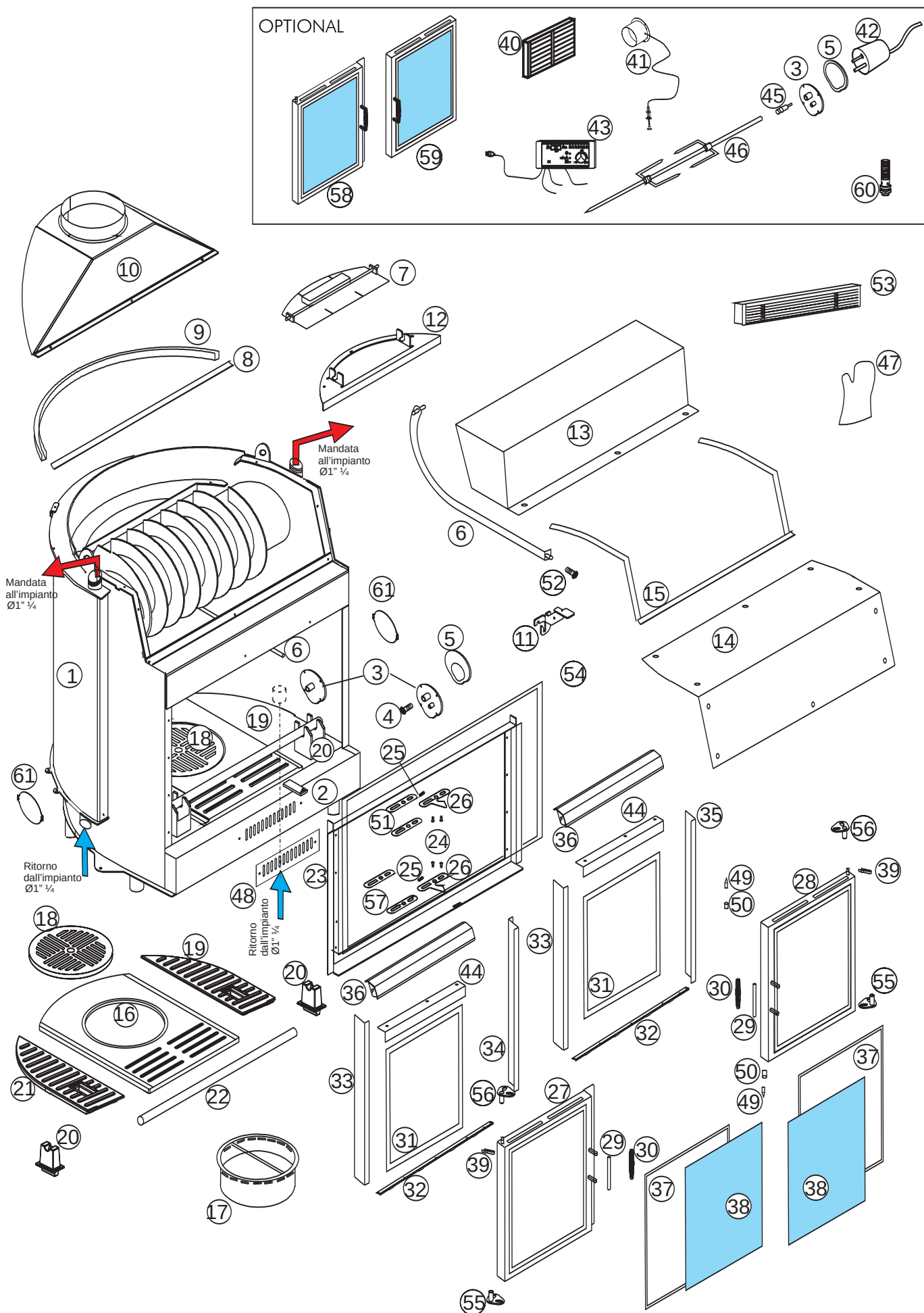
Mandata
all'impianto
Ø1" 1/4

Mandata
all'impianto
Ø1" 1/4

Ritorno
dall'impianto
Ø1" 1/4

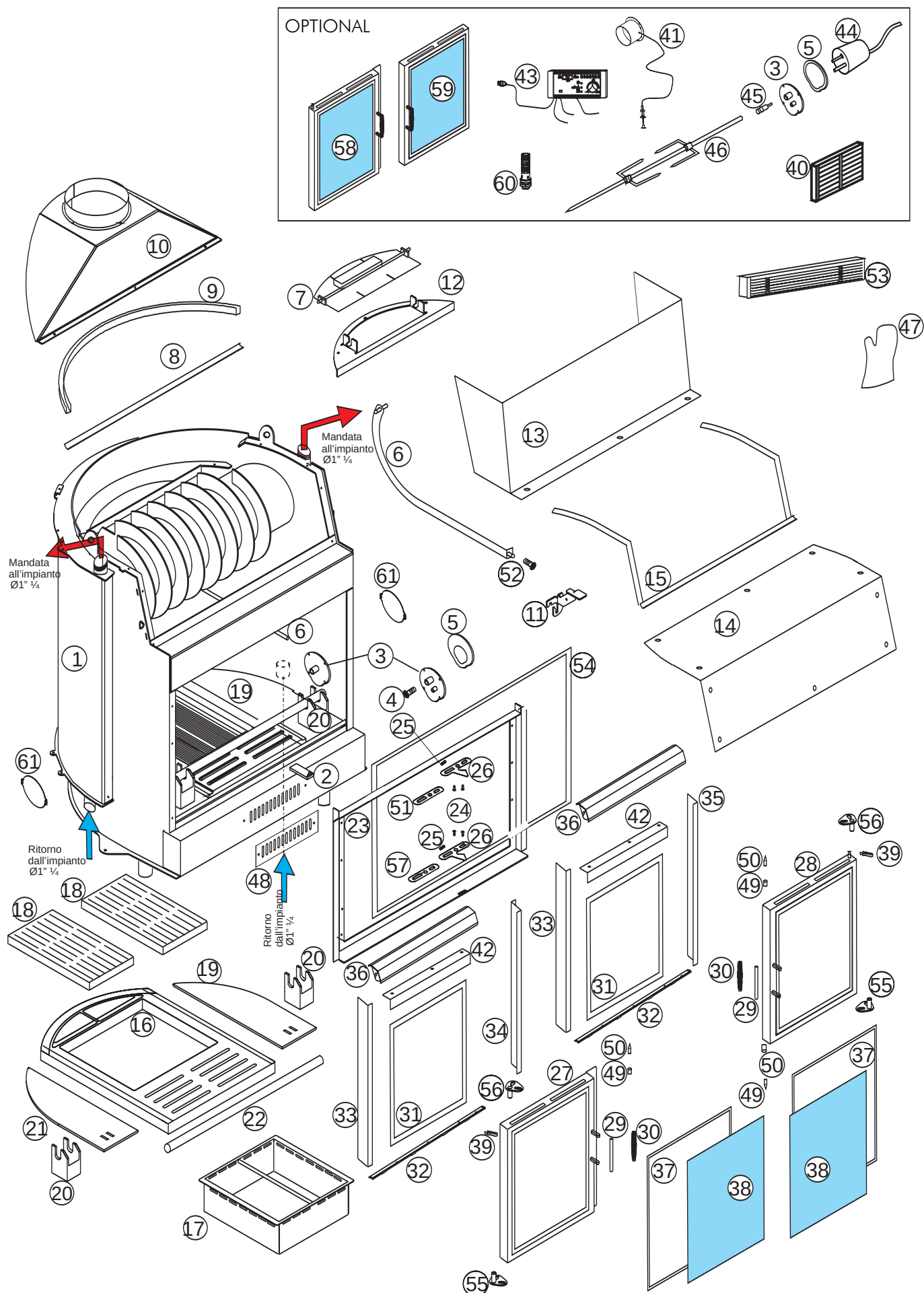
IDRO 70

ante fisse - fixed door leafs - Volet fixes - hoja fijas - Feste lügelüren - vast deurtjes



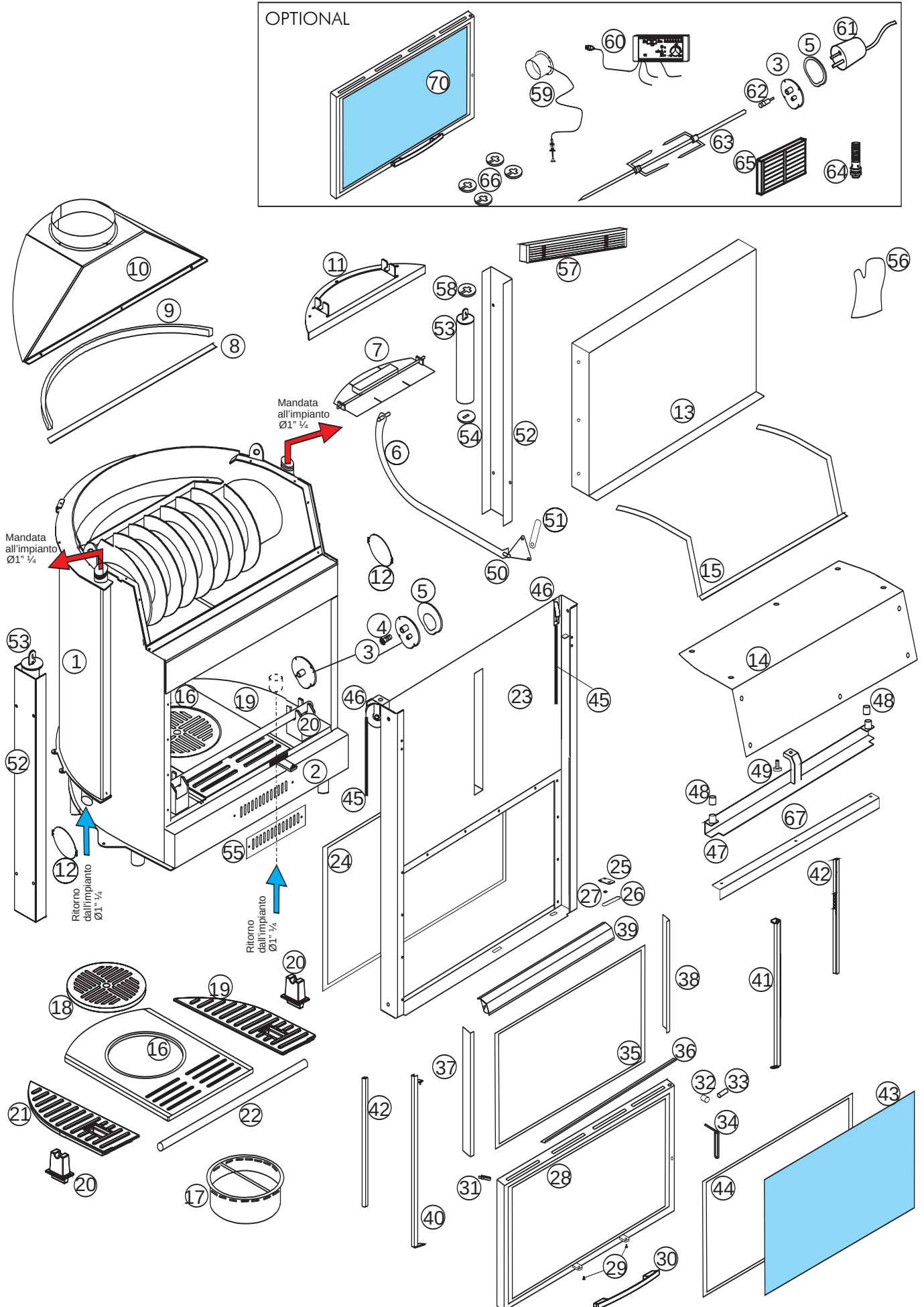
IDRO 100

ante fisse - fixed door leafs - Volet fixes - hoja fijas - Feste lügelüren - vast deurtjes



IDRO 70

portellone - door - porte - puerta - Klappe - deur



IDRO 100

portellone - door - porte - puerta - Klappe - deur

