

# ПАСПОРТ

## Руководство по установке, эксплуатации и тех. обслуживанию

### Линия воздушонагревателей серии **Evoluzione**

Воздухонагреватели для обогрева средних и больших помещений

Работают на метане/СНГ





<b>1</b>	.....	2
1.1		
1.2	.....	3
1.3	.....	6
1.4	.....	7
<b>2</b>	.....	8
2.1	.....	8
2.2	.....	9
2.3	.....	10
<b>3</b>	.....	11
3.1	.....	11
3.2	.....	11
3.3	.....	12
3.3.1 DI	.....	12
3.3.2	.....	13
3.3.3	..... / .....	15
3.3.4	.....	19
3.3.5	..... "SIT 822 NOVAMIX" .....	20
3.3.6	.....	22
3.3.7	.....	23
3.3.8	.....	23
3.3.9	.....	24
3.4	.....	26
3.4.1	.....	26
3.4.2	.....	27
3.5	.....	28
3.5.1	.....	28
3.5.2	.....	29
3.5.3	.....	30
3.5.4	..... - .....	31



**1**

**1.1**

*квалифицированным специалистом.*

**Квалифицированным специалистом**

035/888111).

"ROBUR S.p.A." ( +39

**квалифицированный персонал**

- 
- 
- 
- 
- 
- 
- 
-

[Redacted]

- 
- 
- 
- 

**1.2**

"Evoluzione"

EN 1020      II<sub>2H3B/P</sub>      EN 1020).      (G20)      (G30/G31) (

" "      " ":

).

30 -

( 5 2).

( )      . ( . 31 «

»).

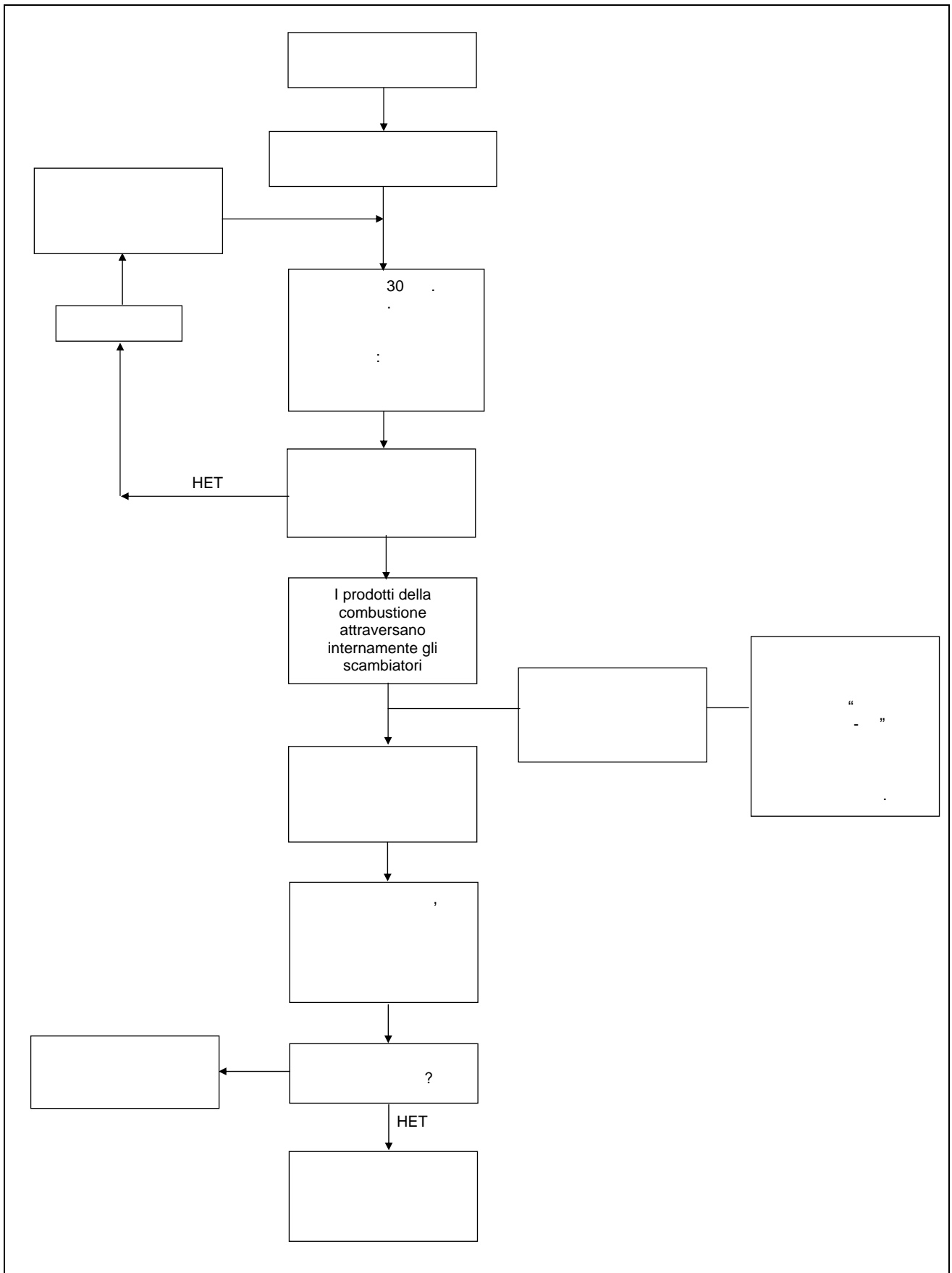
[Redacted]

"Evoluzione"      :

20% ( " " 6).

( " " 30).

(  
" ").



1 -

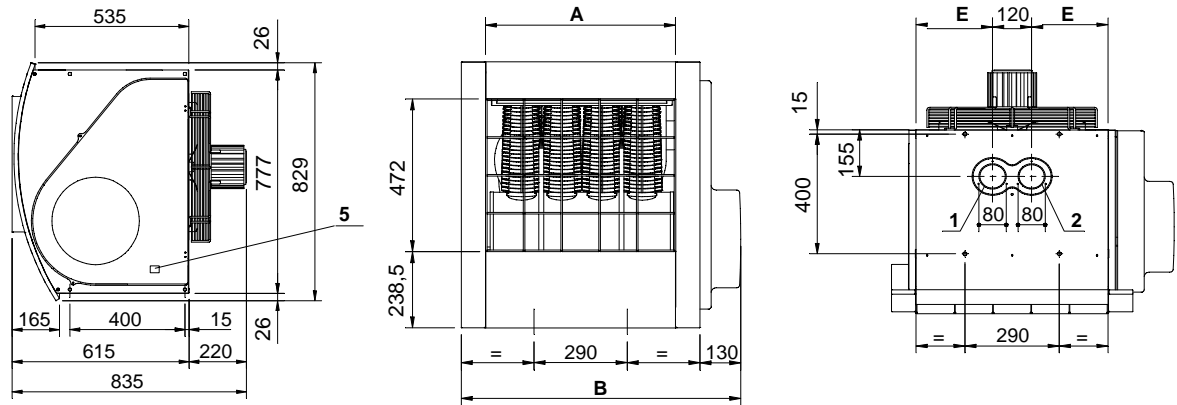
## 1.3

		E 32	E 43	E 52
		II <sub>2H3B/P</sub>		
		C <sub>13</sub> - C <sub>33</sub> - B <sub>23</sub> - C <sub>53</sub> - C <sub>63</sub>		
		-		
( 1- )		26	37.15	48.35
	/	22360	31950	41580
( 1- )		24.2	34.2	44.5
	/	20790	29410	38270
( 2- )		20.8	29.8	38.7
	/	17900	25630	33280
( 2- )		19.35	27.4	35.6
	/	16640	23560	30610
	%	93	92	92
1-	<sup>3/</sup>	2300	3400	4200
2-		1900	2700	3400
1-	K	31.2	29.4	31.0
2-		30.2	29.8	30.7
(15°C - 1013 ) G30	<sup>3/</sup>	2.75	3.93	5.11
	/	2.05	2.93	3.81
(15°C - 1013 ) G31	<sup>3/</sup>	2.01	2.90	3.74
	/	2.20	3.15	4.09
(15°C - 1013 ) G30	<sup>3/</sup>	1.64	2.34	3.05
	/	1.61	2.30	2.99
G30		20		
		30		
G31		30		
	"	3/4		
		80		
		230 - 50		
		250	350	420
	A	4		
1- ( >1 / )		14	20	22
6 (1- )	(A)	38	40	42
	(A)	48	52	56
6 (2- )	(A)	45	47	51
		66	75	80

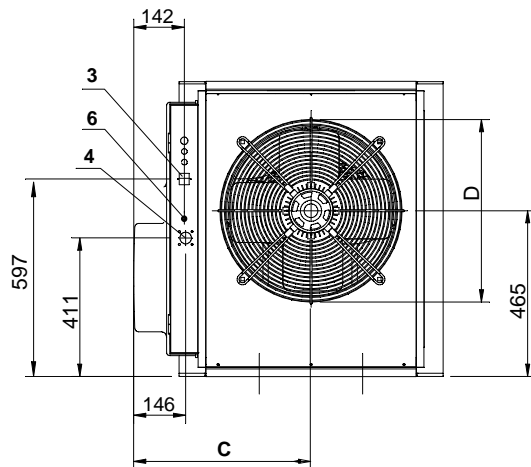
1-

"EVOLUZIONE"

## 1.4



E 32/43/52



1  
2  
3  
4  
5  
6

	E32	E43	E52
A	474	591	709
B	755	872	990
C	418	477	536
D	460	520	520
E	197	256	315

2-

**2**

**2.1**

[Redacted]

- 
- 
- 
- 

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

[Redacted]

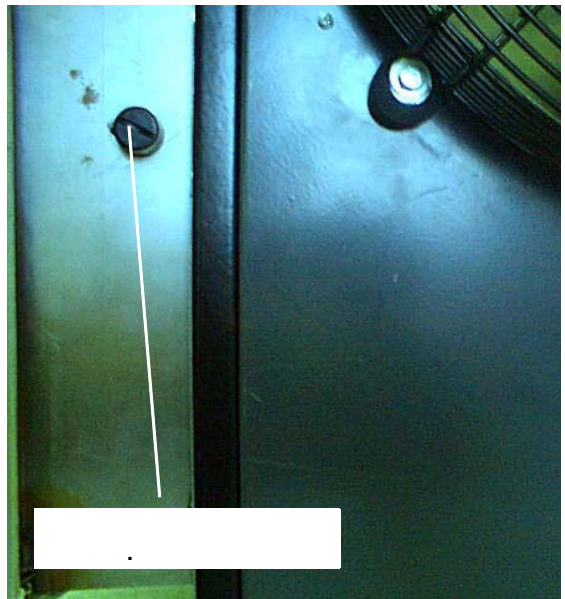
[Redacted]

[Redacted]

- 1.
2. / ' " " ( ☼ );

- 1.
- 2.
3. " ",

( 3).



3-

[Redacted text block]

## 2.2

( , )

**2.3**

--

"Robur S.p.A."

"Robur S.p.A." + 39

035/888111.

(

) "Robur S.p.A."

-

-



**3.3**

**3.3.1 DI**

•  
 • **Квалифицированным специалистом**,  
 "ROBUR S.p.A." ( +39 035  
 888111).  
 •  
 •

- ( . 350 ).  
 5. - 2,5 - 3,5 ( 5).  
 1,8 ( E 32  
 E 42) 2,5 ( E 43, E 52 E 72).

•  
 • ( )  
 • ( 6).  
 •

- K  
 "Robur"  
 ( )

- A) ; ;
- B) " " 19), ;
- C) ;
- D) ;
- E) ; ;

20 (204 H<sub>2</sub>O) ( 17 - 25 ).  
 ( )  
 (306 H<sub>2</sub>O) 1,5 ( 20 - 35 ). 1,5 30

( )  
 (306 H<sub>2</sub>O) 1,5 ( 25 - 35 ). 1,5 30

,

-

**3.3.2**

A) **H05 VVF 3x1,5** <sup>2</sup> , **8,4** ,  
 - , : (230 /50 ).  
 - , ,

,

,

B) 3 . *Двухполюсным выключателем считается выключатель с возможностью открытия как на рабочей фазе, так и на нейтральной фазе.* ,

C) ;  
 ( 21' 24). ( ,  
 ) 1,5 , ( , ,  
 . . ) , ,  
 .  
 ( " ,  
 " 28).

( , ,  
 ) , ,  
 .

D) : ,  
 - 1 , , :  
 ; , 1-2-3 ( ,  
 24);  
 - 1 , , 8-3 ( ,  
 24);

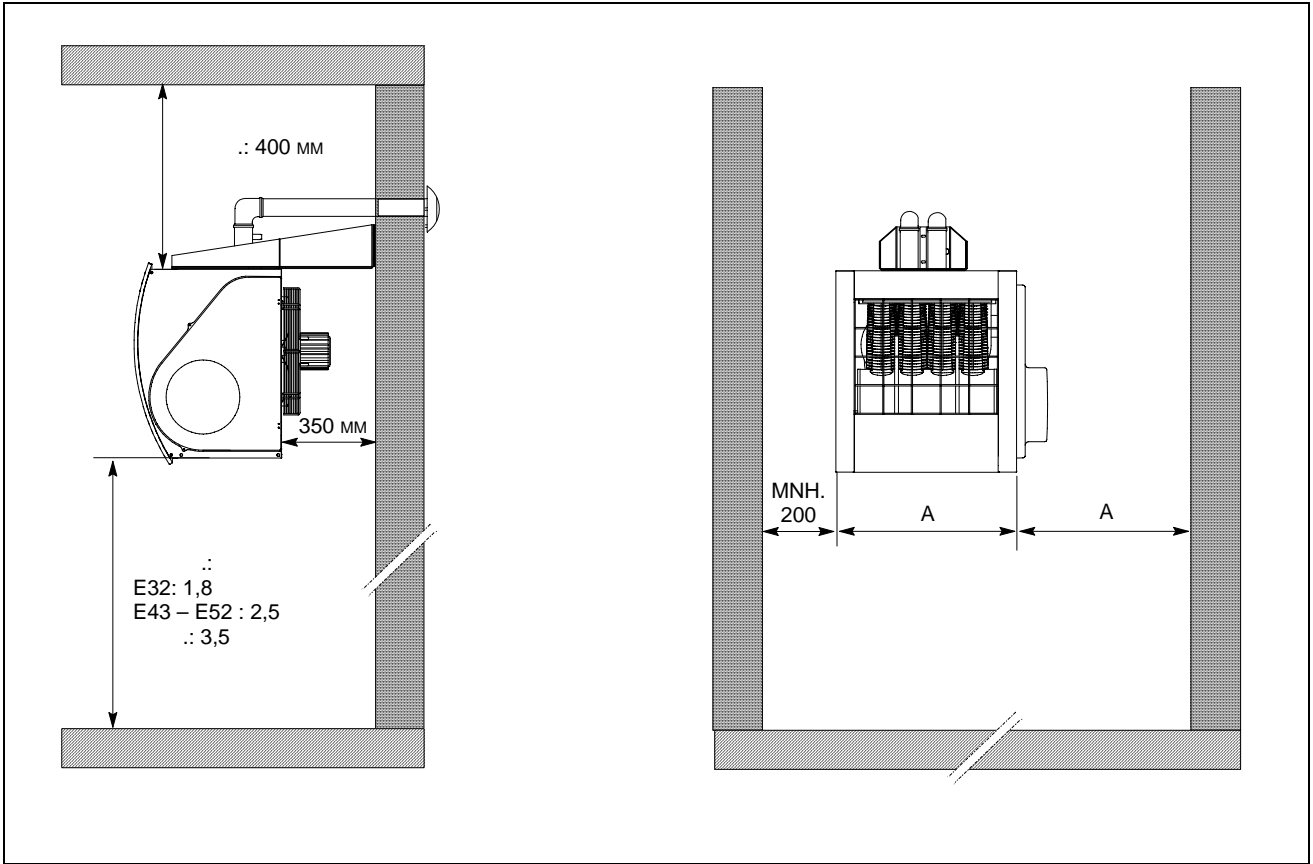
- 1

(

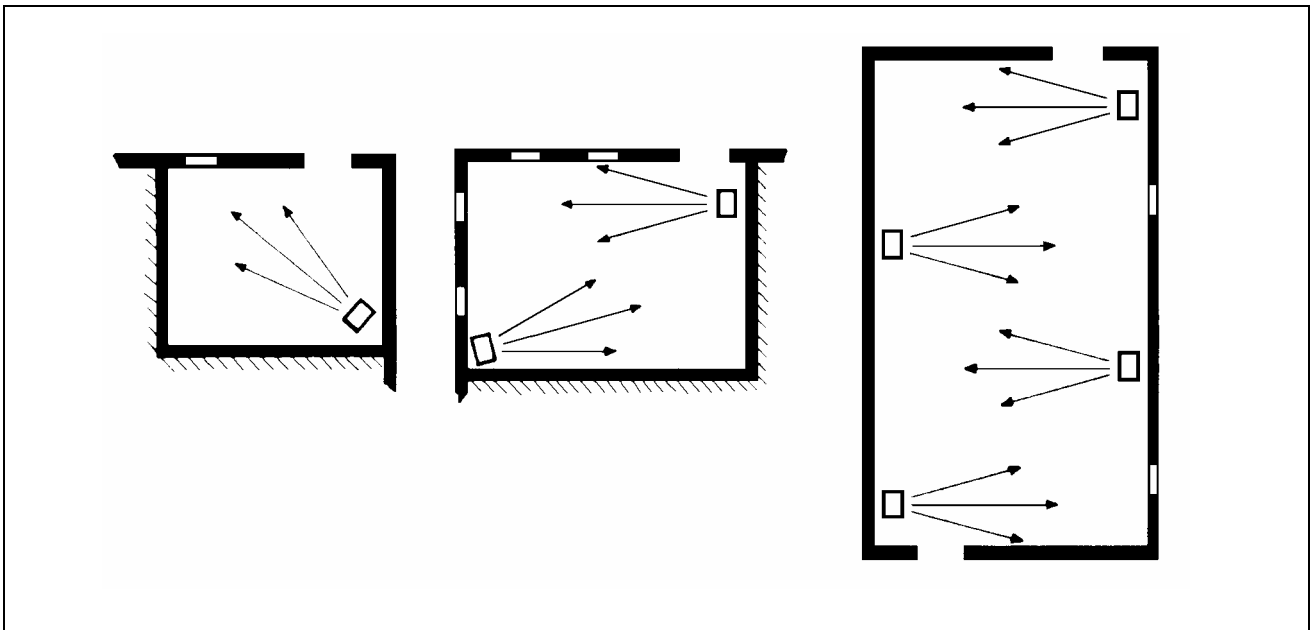
;

24);

5-6-7



5 -



6 -

3.3.3

I generatori d' calda serie "Evoluzione" possono essere installati in uno dei seguenti modi:

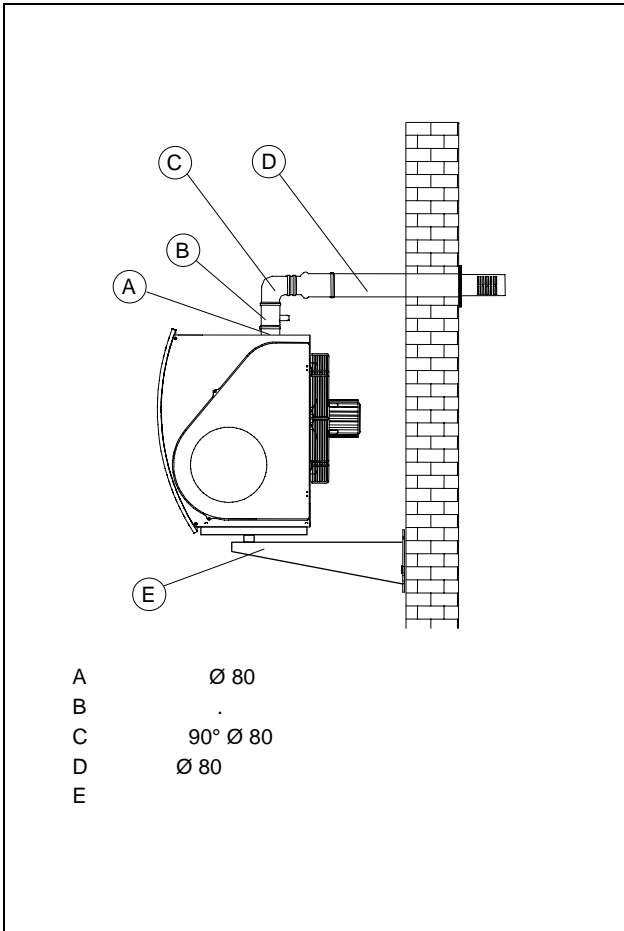
- **B<sub>23</sub>**:  
7 e 8);
- **C<sub>13</sub>** **C<sub>33</sub>**:  
9) ( C<sub>33</sub> ( 10). C<sub>13</sub>
- **C<sub>53</sub>**:  
( 11).
- **C<sub>63</sub>**:  
80 : ( 2).  
"Robur S.p.A."

- ( 2).  
3 , Ø 80 Ø 100,  
"Robur".
- ( 2).  
4.  
9, 10, 11. 7, 8,

D 8), ( O-SCN000).

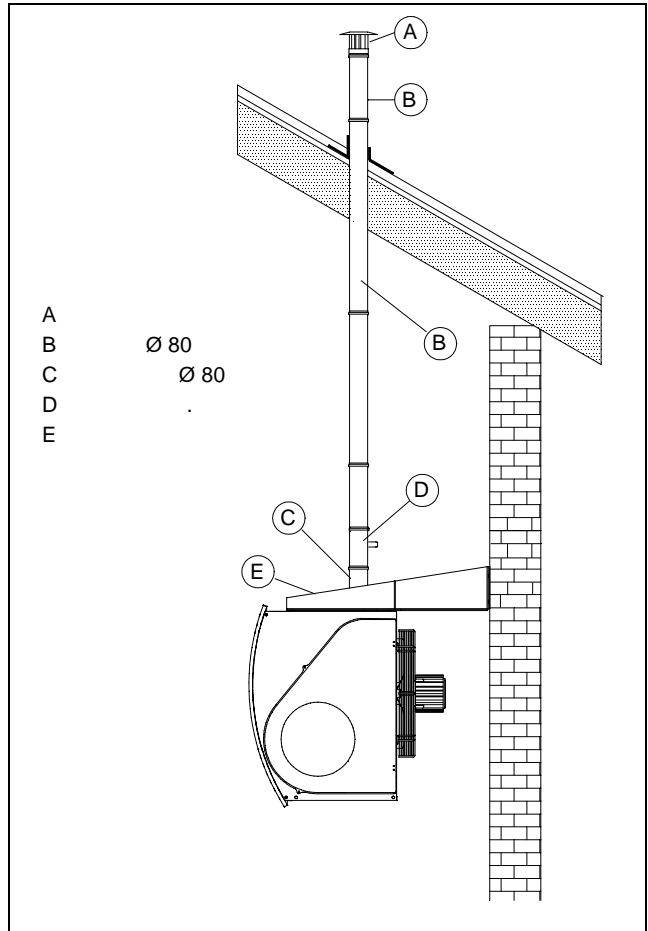
2 1 . 1 , 1  
12.

/ " ( / "Robur"  
O-SCR010), 2 " Ø 80  
/ ( C 8)



7-

B23



8-

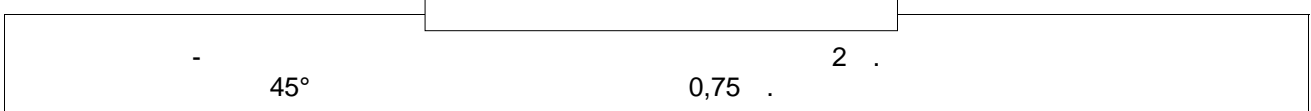
B23

/						
.	°C	/	CO <sub>2</sub> %		.( )	.( )
			.	.		
E 32	150	43.3	9.0	9.5	5	30
E 43	170	62.5			8	40
E 52	170	79.1			10	50

2

MOD.	/ Ø 80 Ø 100 "ROBUR"										
	Ø 80						Ø 100				
	( / )		90° ( )		( )		( / )		90° ( )		( )
		.	.	/	/	.	.	.	.	.	.
E 32	0.70	0.36	1.05	0.54	2.5	4.4	0.26	0.10	0.39	0.15	3.1
E 43	1.39	0.74	2.08	1.11	4.9	14.6	0.45	0.27	0.67	0.40	10.1
E 52	2.26	1.16	3.39	1.74	9.7	25.6	0.76	0.40	1.14	0.60	16.9

3



	B 23		C 13		C 33			C 53
	Ø 80		Ø 80	Ø 80	Ø 80	Ø 100		SEPARATI Ø 80
				Ø 80	Ø 80	Ø 80	Ø 100	
			/	/	/	/	/	/
E 32	20	20	16+16	14+14	13+13	15+15	20+20	1+15
E 43	20	20	13+13	12+12	10+10	12+12	20+20	1+15
E 52	20	20	10+10	8+8	7+7	9+9	15+15	1+15

4

4

( Ø 80 , 16 ) , C13 E 52 Ø 80 , 10 ( , ) ,  
+39 035-888111.

E 43. /

Ø 80  
 - 20 Ø 80  
 - 4 90° Ø 80  
 - 8 Ø 80

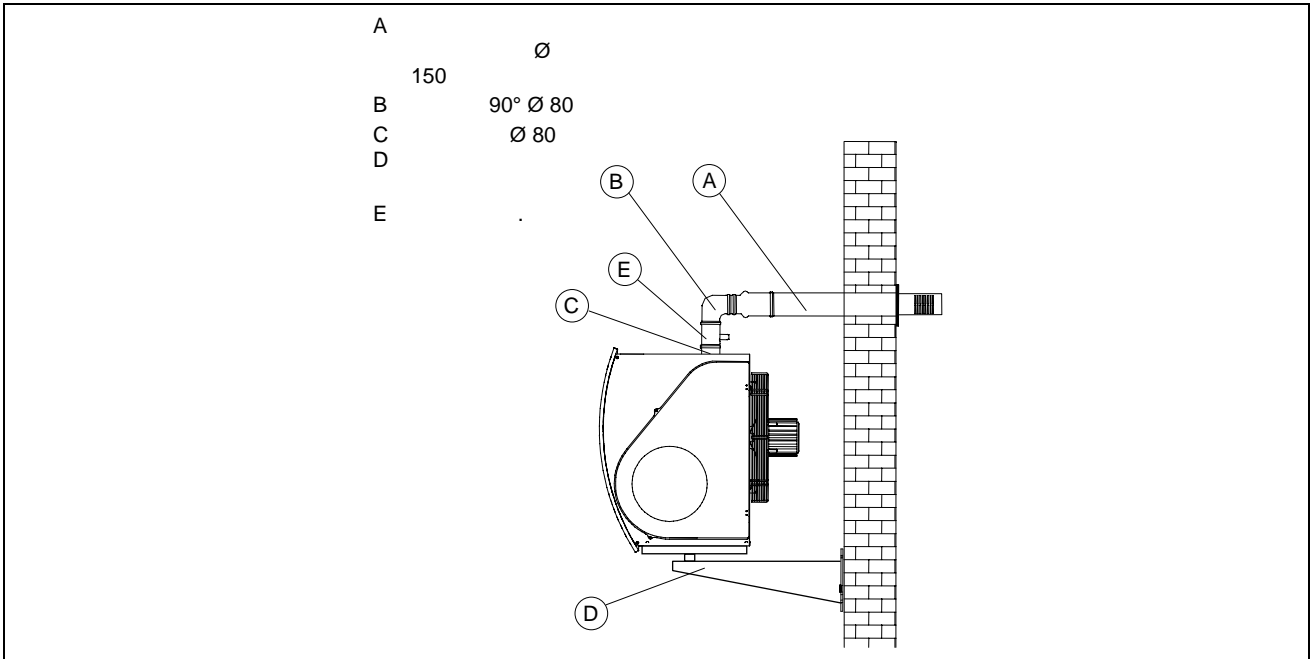
8 , , 40 ( , 2).

Ø 80	20	x	1,39	=	27.8	+
90°	4	x	2,08	=	8.32	+
Ø 80	8	x	0,74	=	5.92	=
					<b>42.04</b>	

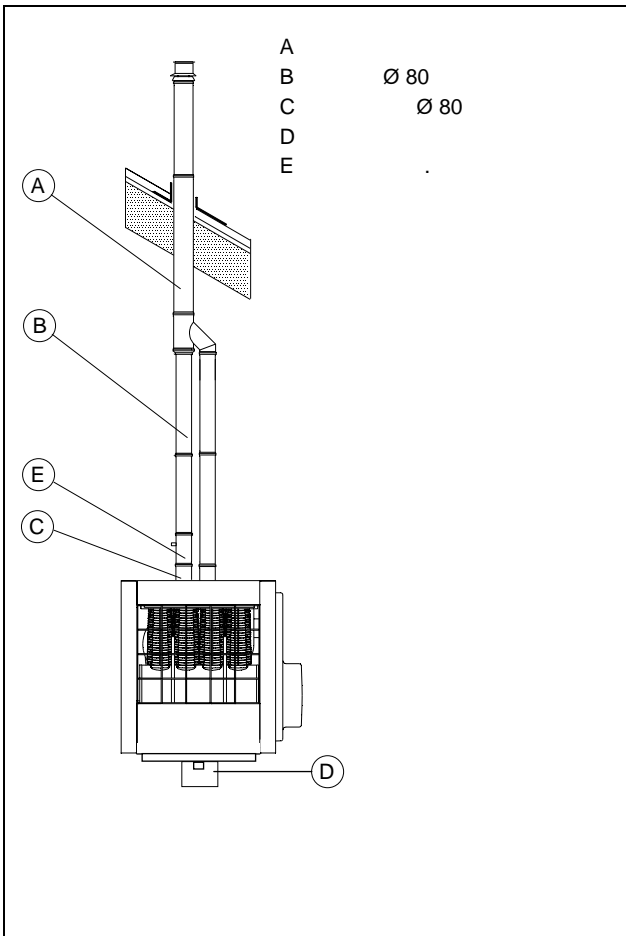
**(42.04)**

40 ) , , .

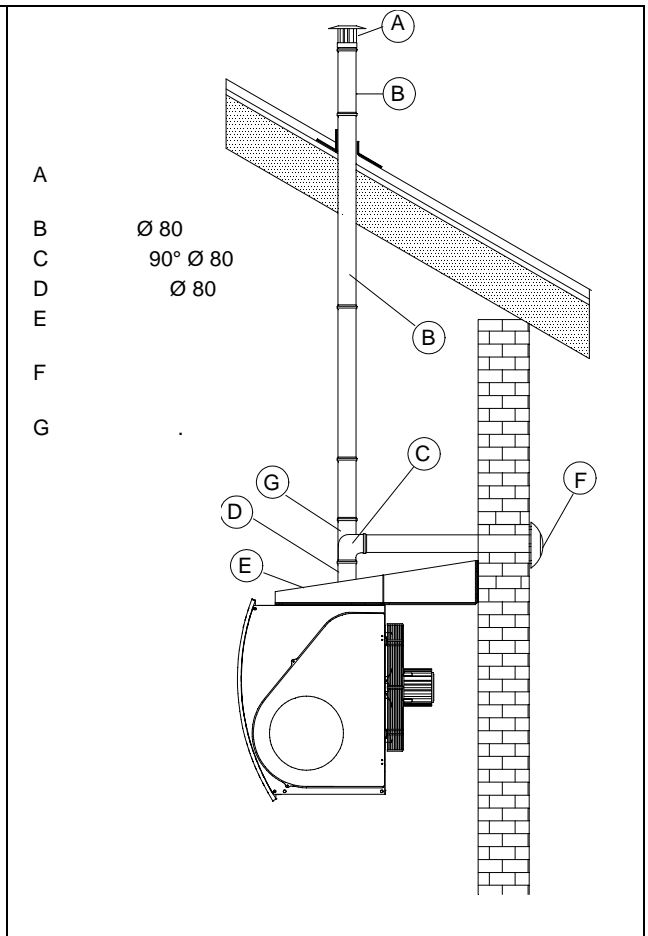
- / ;  
 - ;  
 - Ø100 ;



9 - C13



10 - C53



11 - C53



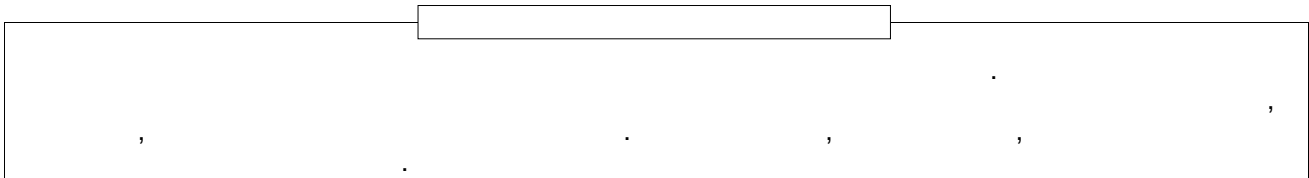




	<b>E 32</b>	<b>E 43</b>	<b>E 52</b>
[ ]	0	-0,3	0

5

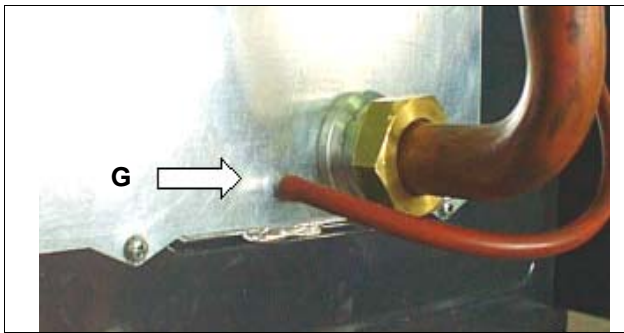
**3.3.6**



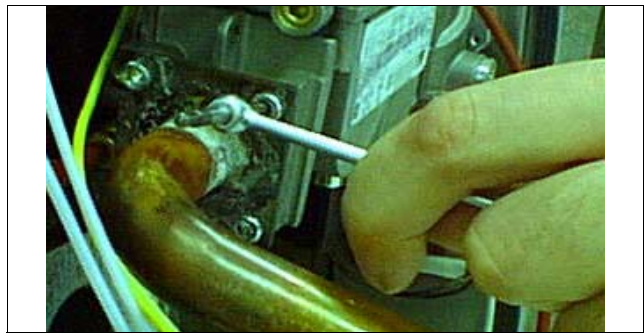
A)

B)

( 17).



17-



18

C)

, 4 , ( 18).

D)

( 19).

E)

6.

F)

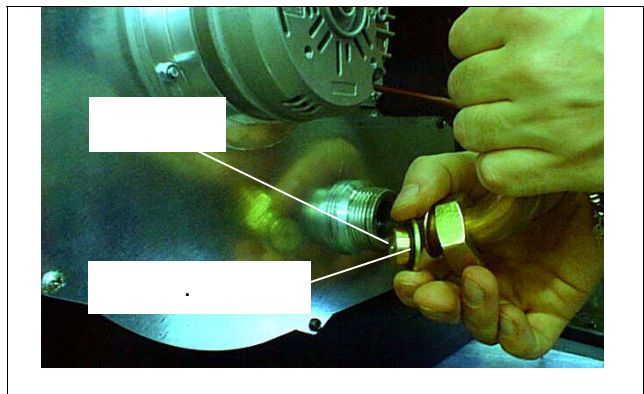
G)

62±2 ;

H)

I)

J)



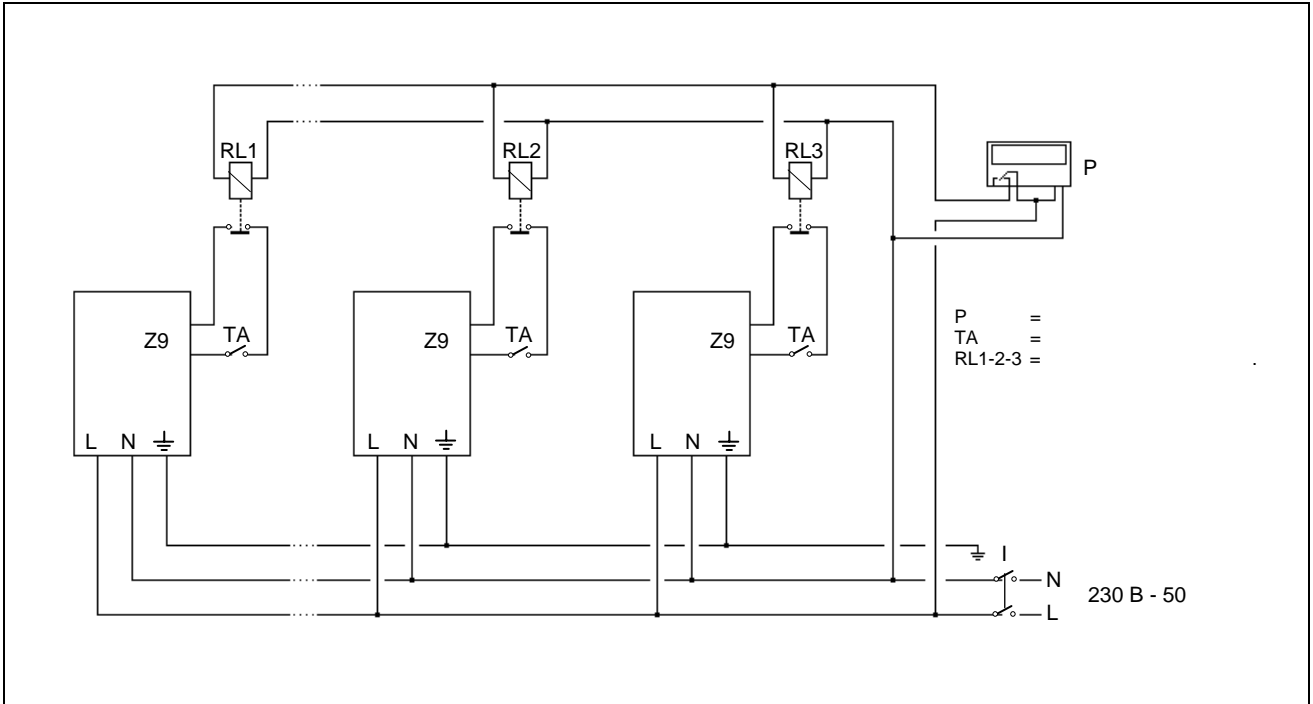
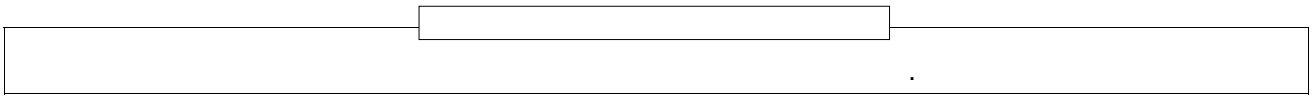
19



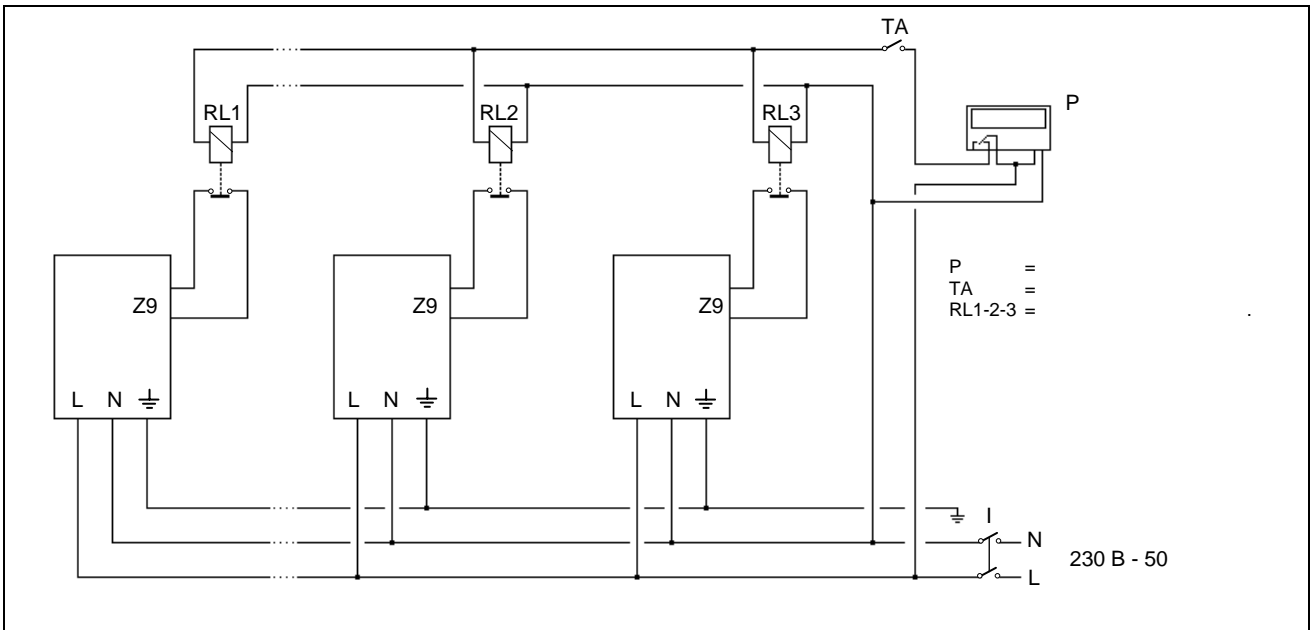


"Robur"

( " " 28).

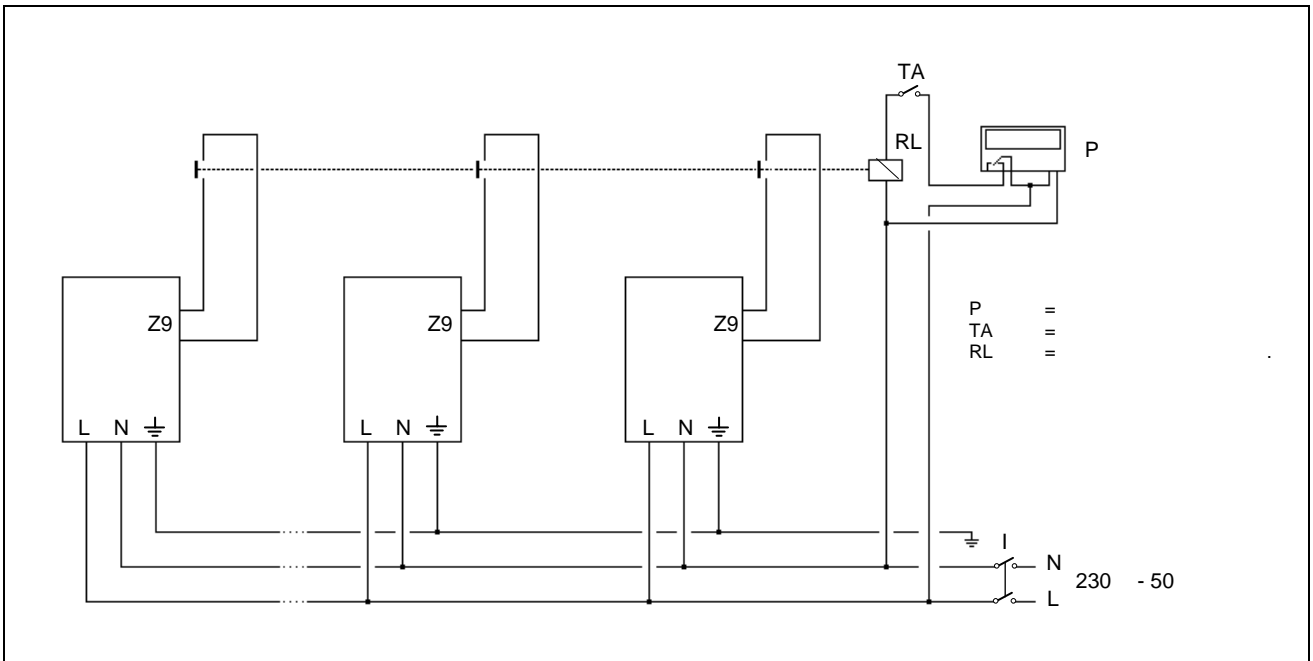


22 -



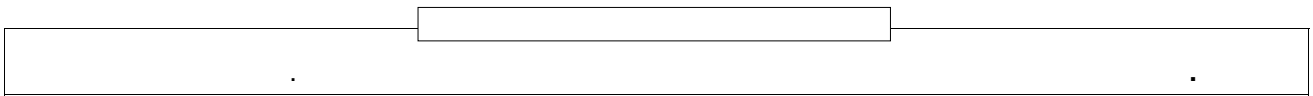
23 -

( )



24 -  
( )

**3.4**



**3.4.1**

- A) : 230 ± 10% 50
- B)
- C)

- /
- 

- 
- 



**3.4.2**

**1:**

- A)
- B)
- C)
- D)
- E)
- F)
- G)
- H)

**2:**

- A)
- B)
- C)
- D)

**3:**

- A)
- B)
- C)

**4:**

- A)
- B)
- C)

**5:**

- A)
- B)
- C)
- D)
- E)
- F)
- G)

**6:**

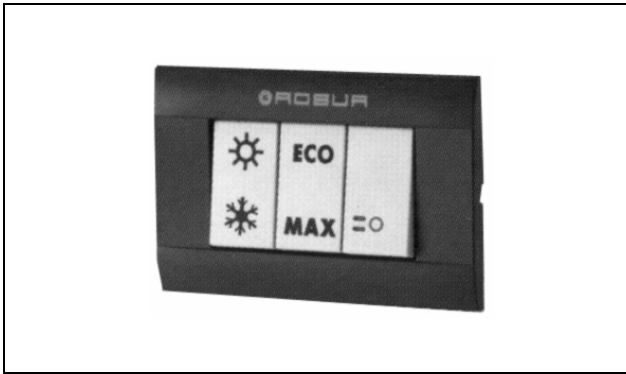
- A)
- B)

**3.5**

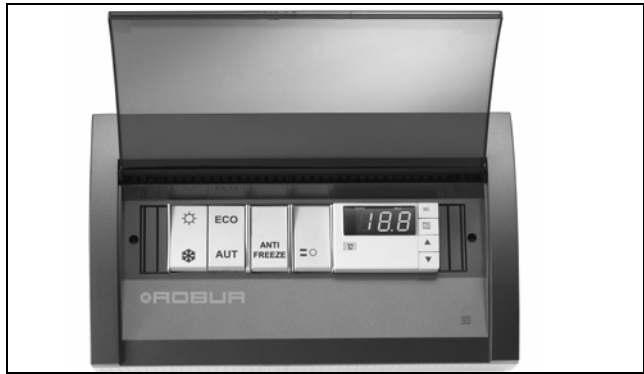
"Evoluzione".

**3.5.1**

- \_\_\_\_\_ : / , ( / 26) ( O-CTR001).
- \_\_\_\_\_ : ( / ) , / / , ( O-CTR009) ( 26).



25 -



26 -

- \_\_\_\_\_ : / , ( / ) , / / , ( O-CTR010) ( 27).

- \_\_\_\_\_ IP 55 ( O-CTR012): / ( / ) , / / ( 28).



27 -



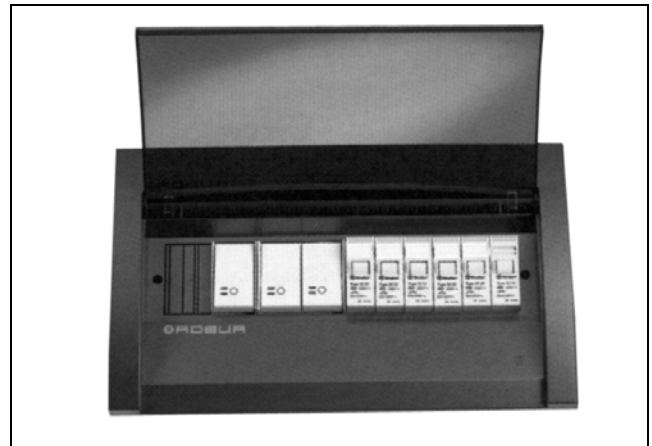
28 -

IP55

- \_\_\_\_\_ :

O-CTR007) ( 29).

(



29 -

### 3.5.2

- -

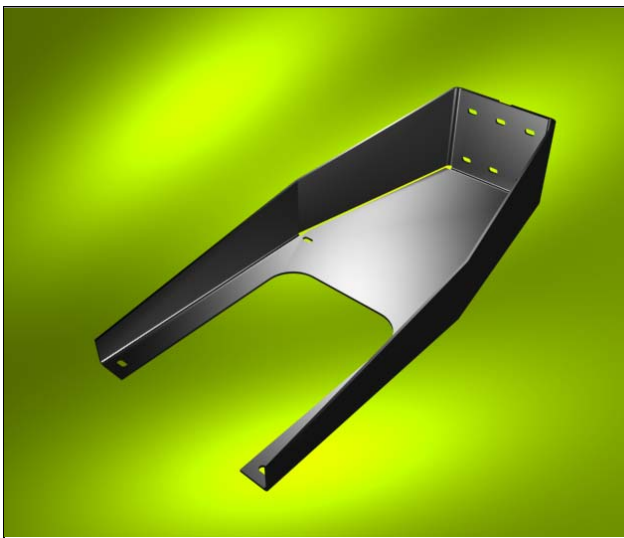
/ ( O-STF003):

( 30).

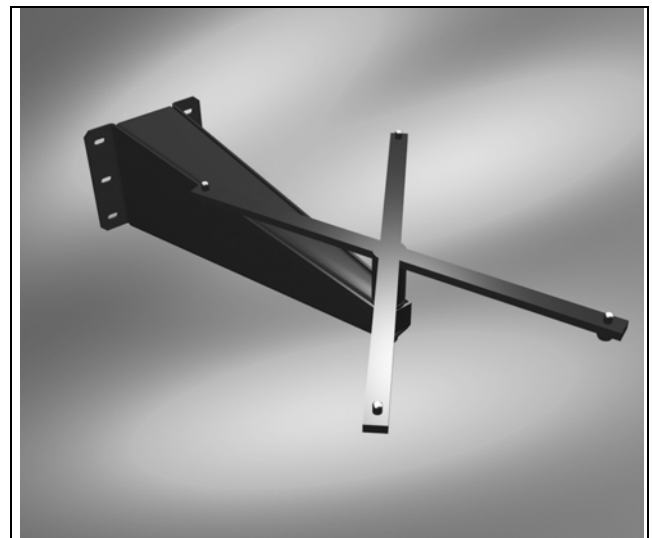
-

/ ( O-STF006):

( 31).



30 -



31 -

**3.5.3**

- ( O-SCN000): ,

1

"Robur" ( 32).

- /  
( 2 O-SCR010):  
( 33)

"Robur".



32 -



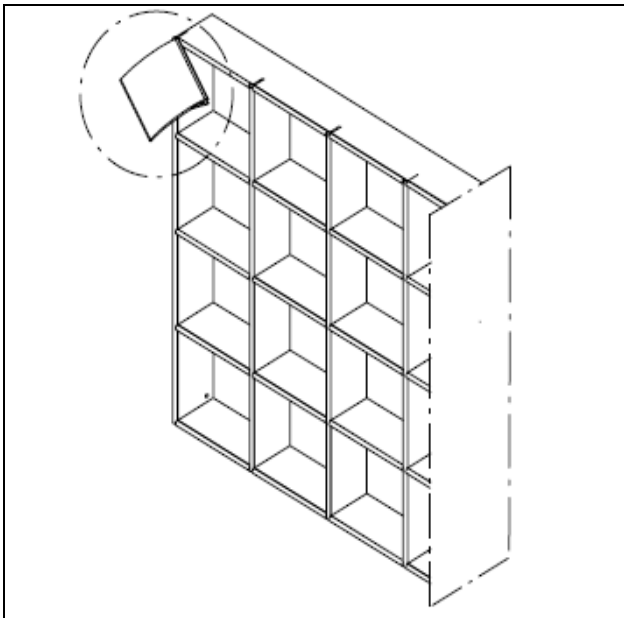
33 -

/

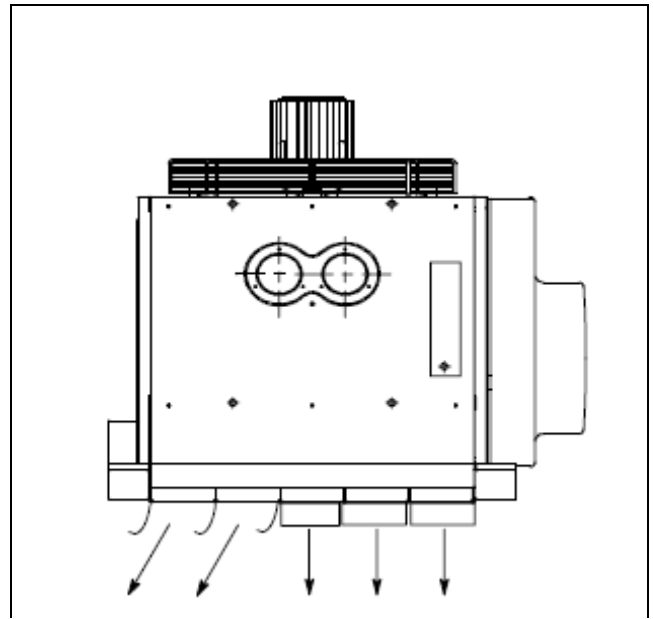
3.5.4

34.

45



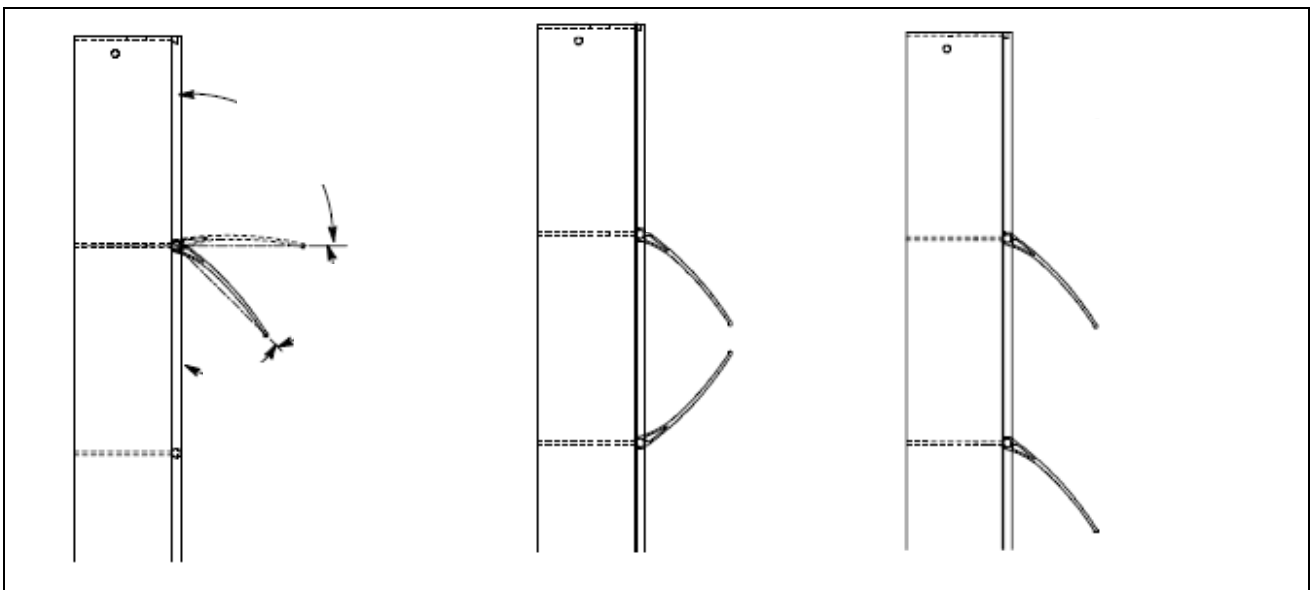
34 -



35 -

36

( 35).



36 -

"Robur S.p.A."

**ROBUR S.p.A.**  
**Via Parigi, 4/6**  
**24040 Verdellino/Zingonia (Bergamo) Italy**  
- **+39 035- 888111**      **+39 035 - 884165**  
-      **: www.robur.it**    **e-mail: robur@robur.it**



Robur is dedicated to dynamic progression in research, development and promotion of safe, environmentally-friendly, energy-efficiency products, through the commitment and caring of its employees and partners.

## Robur Mission



 **ROBUR**<sup>®</sup>  
caring for the environment

Robur Spa  
advanced heating  
and cooling technologies  
Via Parigi 4/6  
24040 Verdellino/Zingonia (Bg) Italy  
T +39 035 888111 F +39 035 4821334  
[www.robur.com](http://www.robur.com) [export@robur.it](mailto:export@robur.it)