



## CATALOGUE GAS RADIATORS

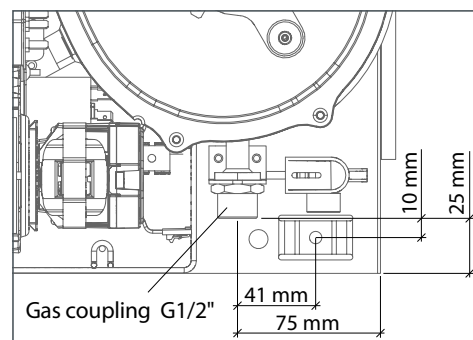
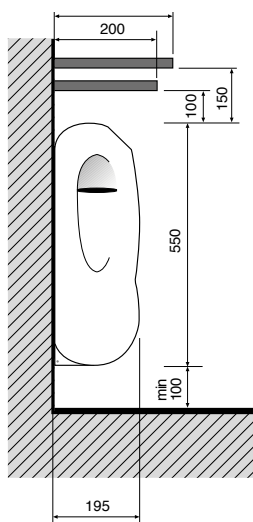
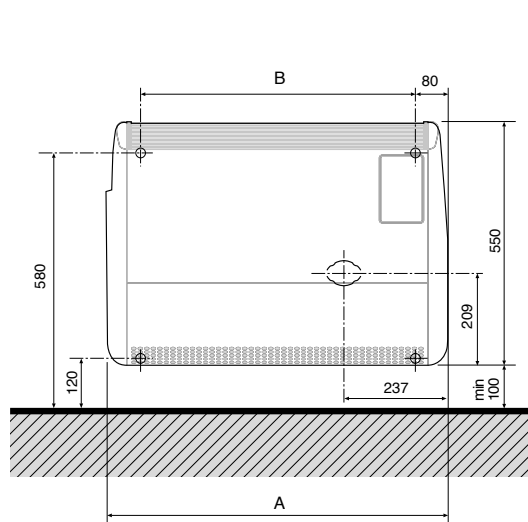




- ▶ Seasonal energy efficiency class A
- ▶ Heat exchanger body made of die-cast aluminium with heat reducer
- ▶ User interface with encoder, four buttons, large and backlit LC display
- ▶ Premix burner with electronic ignition
- ▶ Fans with brushless motor and high efficiency
- ▶ Maximum power consumption  $\leq 30W$
- ▶ Possibility to connect a remote controller (optional)
- ▶ Temperature probe complementary (optional)

Available in the versions: 3000 - 5000 - 7000





| Model    |          | Code       |
|----------|----------|------------|
| 3000 EVO | NAT. GAS | GEIT301PR2 |
| 5000 EVO | NAT. GAS | GEIT501PR2 |
| 7000 EVO | NAT. GAS | GEIT701PR2 |

| Model    |         | Code       |
|----------|---------|------------|
| 3000 EVO | PROPANE | GEIT361PR2 |
| 5000 EVO | PROPANE | GEIT561PR2 |
| 7000 EVO | PROPANE | GEIT761PR2 |

| Model                                                       |      | Gazelle EVO 3000      |                      | Gazelle EVO 5000      |                      | Gazelle EVO 7000      |                      |
|-------------------------------------------------------------|------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|
| Type                                                        |      | C13, C53              |                      | C13, C53              |                      | C13, C53              |                      |
| Type of gas                                                 |      | NAT.GAS               | PROPANE              | NAT.GAS               | PROPANE              | NAT.GAS               | PROPANE              |
| size (L x H x D)                                            | mm   | 547x550x195           |                      | 667x550x195           |                      | 772x550x195           |                      |
| Gross weight                                                | kg   | 20,0                  |                      | 24,0                  |                      | 28,0                  |                      |
| Seasonal space heating energy efficiency class              | -    | <b>A</b>              |                      | <b>A</b>              |                      | <b>A</b>              |                      |
| Seasonal space heating energy efficiency class ( $\eta_s$ ) | %    | 89                    |                      | 88                    |                      | 88                    |                      |
| Rated heat output (Prated)                                  | kW   | 2,7                   |                      | 4,5                   |                      | 5,9                   |                      |
| Minimum heat output (Pmin)                                  | kW   | 1,9                   |                      | 2,8                   |                      | 4,2                   |                      |
| Efficiency at rated heat output                             | %    | 93,7                  |                      | 92,2                  |                      | 91,8                  |                      |
| Efficiency at reduced heat output                           | %    | 94,5                  |                      | 94,9                  |                      | 94,0                  |                      |
| Rated heat input                                            | W    | 2900                  |                      | 4900                  |                      | 6400                  |                      |
| Reduced heat input                                          | W    | 2000                  |                      | 3000                  |                      | 4500                  |                      |
| Rated heat output                                           | W    | 2720                  |                      | 4520                  |                      | 5880                  |                      |
| Reduced heat output                                         | W    | 1890                  |                      | 2850                  |                      | 4230                  |                      |
| Efficiency at nominal heat input (nat.gas)                  | %    | 93,7                  |                      | 92,2                  |                      | 91,8                  |                      |
| Efficiency at nominal heat input (propane)                  | %    | 93,5                  |                      | 92,3                  |                      | 91,7                  |                      |
| Efficiency at reduced heat input (nat.gas)                  | %    | 94,5                  |                      | 94,9                  |                      | 94,0                  |                      |
| Efficiency at reduced heat input (propane)                  | %    | 94,7                  |                      | 95,1                  |                      | 93,8                  |                      |
| NOx emission class                                          | -    | 5                     |                      | 5                     |                      | 5                     |                      |
| Voltage and frequency                                       | V/Hz | 230 - 50              |                      | 230 - 50              |                      | 230 - 50              |                      |
| Maximum absorbed power ERP                                  | W    | 24                    |                      | 24                    |                      | 30                    |                      |
| Electrical protection level                                 | IP   | 20                    |                      | 20                    |                      | 20                    |                      |
| Outside diameter of straight outlet pipes (C13)             | mm   | 2 x 55/2 **           |                      | 2 x 55/2 **           |                      | 2 x 55/2 **           |                      |
| Outside diameter of split pipes (C53)                       | mm   | 35 o 60               |                      | 35 o 60               |                      | 35 o 60               |                      |
| Gas coupling diameter                                       | inch | G 1/2 M               |                      | G 1/2 M               |                      | G 1/2 M               |                      |
| Standard consumption                                        | -    | NAT. GAS<br>0,31 m³/h | PROPANE<br>0,23 kg/h | NAT. GAS<br>0,52 m³/h | PROPANE<br>0,38 kg/h | NAT. GAS<br>0,68 m³/h | PROPANE<br>0,50 kg/h |

\*\* 2 x 55/2 refers to 2 tubes together (one for air intake and one for flue gas outlet) both the shape of a semicircle with a 55 mm diameter.



# EXAMPLES OF PIPING APPLICATION FOR AIR INTAKE AND FLUE GAS OUTLET



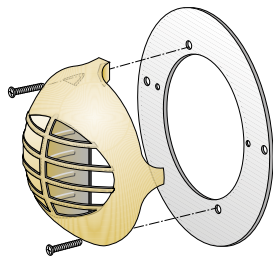
TYPE C 13



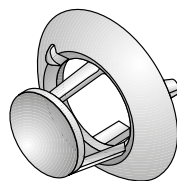
TYPE C 53



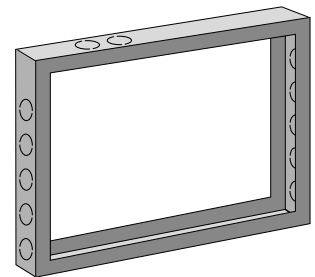
TYPE C 53



STANDARD AIR  
INTAKE/FLUE GAS OUTLET TERMINAL  
AND FLANGE.

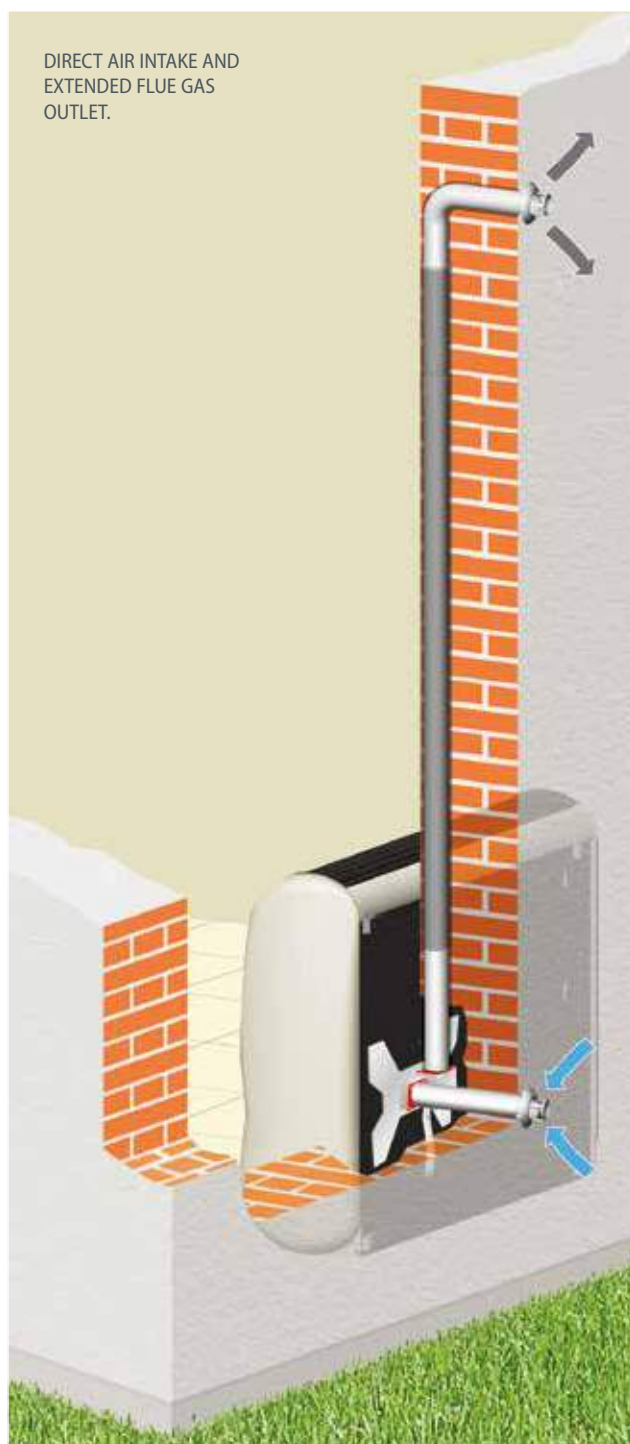


Ø 35 mm AIR INTAKE AND FLUE GAS  
OUTLET TERMINAL  
FOR SPLIT PIPES.

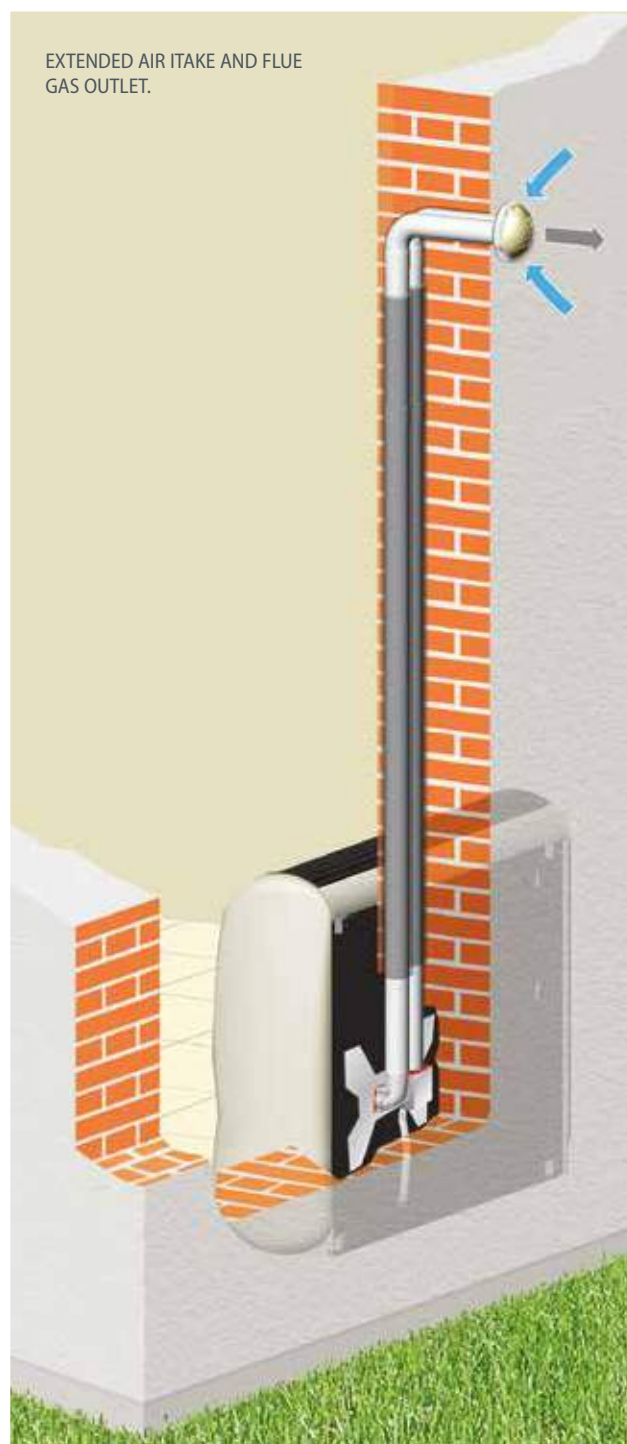


WALL SPACER  
COUNTERFRAME

# WALL FIXING SYSTEM WITH BRACKET FOR AIR INTAKE AND FLUE GAS OUTLET (SOME EXAMPLES).



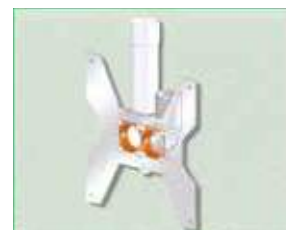
TYPE C 53



TYPE C 53

The given examples are purely indicative.

Note: Properly insulate the flue gas outlets and install a condensate drain where needed.



### Length of the pipes for air intake and flue gas outlet

The maximum permissible length of the pipes depends of the load loss of the individual parts of the system installed to create the air intake and flue gas outlet of the machine.

The sum of the load loss of each part, based on the figures indicated in table 2 and 3, must not exceed the value of the "Maximum length permitted". The sum must include both the air intake as the flue gas outlet pipes and changes according the diameter of the pipes used (35 mm or 60 mm).

| Gazelle EVO                 | TYPE (***)              | u.m. | 3000   | 5000   | 7000   |
|-----------------------------|-------------------------|------|--------|--------|--------|
| Maximum length admitted (*) | C13                     | m    | 2 (**) | 2 (**) | 2 (**) |
|                             | C53 - Ø 35 mm           | m    | 13     | 7      | 6      |
|                             | C53 - Ø 35 mm + Ø 60 mm | m    | 100    | 100    | 70     |

Tab. 1

(\*) air intake + flue gas outlet

(\*\*) Use of the pipes supplied by the producer: one for air and one for flue gas, both same semicircle shaped with a 55 mm diameter. Pipes of 1 meter length are available as accessories.

(\*\*\*) See page. 4 and 5.

### ATTENTION!

When the pipes used are ENTIRELY of diameter 35 mm, refer to the load loss indicators in table 2. When the pipes used are of diameter 35 mm and 60 mm, refer to the load loss indicators in table 3.

Load loss through pipes of exclusively diameter 35 mm

| Component                                                         | Code       | 3000  |       | 5000  |       | 7000  |       |
|-------------------------------------------------------------------|------------|-------|-------|-------|-------|-------|-------|
|                                                                   |            | A [m] | F [m] | A [m] | F [m] | A [m] | F [m] |
| Wall safety grid for terminal                                     | 6Y41309000 | 0     | 0     | 0     | 0     | 0     | 0     |
| Single wall terminal for Ø 35 mm                                  | 6YTERSDO00 | 0     | 0,5   | 0     | 0,5   | 0     | 0,5   |
| Adapter for split flue gas outlet (semicircle / Ø 35 mm)          | 6YRIDSDO00 | 0     | 0     | 0     | 0     | 0     | 0     |
| Starting elbow for split flue gas outlet Ø 35 mm                  | 6YCURSDO00 | 0,5   | 1     | 0,5   | 1     | 0,5   | 1     |
| Ø 35 mm double socket-and-spigot pipe length 0,50 m F/F           | 6YTUBSDO13 | 0,5   | 0,5   | 0,5   | 0,5   | 0,5   | 0,5   |
| Ø 35 mm double socket-and -spigot pipe length 1 m M/F             | 6YTUBSDO00 | 0,5   | 1     | 0,5   | 1     | 0,5   | 1     |
| 90° elbow for Ø 35 mm tube. M/F                                   | 6YCURSDO05 | 0     | 0     | 0     | 0,5   | 0     | 0,5   |
| Ø 35 mm F/F condense drain for horizontal installation            | 6YSCACON00 | 0     | 0     | 0     | 0     | 0     | 0     |
| Ø 35 mm socket-and -spigot pipe length 0,90m. with 90° elbow. M/F | 6YTUBSDO02 | 0,5   | 1     | 0,5   | 1     | 0,5   | 1     |
| Ø 35 mm F/F condensate drain for horizontal installation          | 6YSCACON05 | 0     | 0     | 0     | 0     | 0     | 0     |
| Ø 35 mm F/F coupling sleeve for pipe connection                   | 6YMANSCA00 | 0     | 0     | 0     | 0     | 0     | 0     |
| 90°, Ø 35 mm, F/F condensate drain for vertical pipes             | 6YSCACON06 | 0,5   | 1     | 0,5   | 1     | 0,5   | 1     |

A = air intake

F = flue gas outlet

Tab. 2

## Load loss through pipes of mixed diameter 35 mm and 60 mm

| Component                                                | Code       | 3000  |       | 5000  |       | 7000  |       |
|----------------------------------------------------------|------------|-------|-------|-------|-------|-------|-------|
|                                                          |            | A [m] | F [m] | A [m] | F [m] | A [m] | F [m] |
| Adapter for split flue gas outlet (semicircle / Ø 35 mm) | 6YRIDSDO00 | 0     | 0,5   | 0,5   | 0,5   | 0     | 0,5   |
| Starting elbow for split flue gas outlet Ø 35 mm         | 6YCURSDO00 | 8     | 13,5  | 11,5  | 21    | 7,5   | 14    |
| Ø 35 mm double socket-and -spigot pipe length 0,50 m F/F | 6YTUBSDO13 | 4     | 7,5   | 5     | 10    | 3     | 6,5   |
| Ø 35 mm double socket-and -spigot pipe length 1 m M/F    | 6YTUBSDO00 | 8,5   | 15    | 10    | 20,5  | 6,5   | 12,5  |
| 90° elbow for Ø 35 mm tube. M/F                          | 6YCURSDO05 | 2     | 3,5   | 3     | 5     | 2     | 3,5   |
| Ø 35 mm F/F condensate drain for horizontal installation | 6YSCACON00 | 1,5   | 3     | 2     | 4     | 1,5   | 2,5   |
| Ø 35 mm socket-and-spigot pipe 0,90m. 90° elbow. M/F     | 6YTUBSDO02 | 9,5   | 16,5  | 12    | 23,5  | 7,5   | 15    |
| Ø 60 mm ÷ Ø 35 mm F/M adapter                            | 6YRIDSDO03 | 0     | 5,5   | 0     | 8,5   | 0     | 5,5   |
| Ø 60 mm ÷ Ø 35 mm F/F adapter                            | 6YRIDSDO01 | 0     | 5,5   | 0     | 8,5   | 0     | 5,5   |
| Ø 35 mm F/F condensate drain for horizontal installation | 6YSCACON05 | 0,5   | 1     | 0,5   | 1,5   | 0,5   | 1     |
| Ø 35 mm F/F coupling sleeve for pipe connection          | 6YMANSCA00 | 0     | 0,5   | 0,5   | 0,5   | 0     | 0,5   |
| Ø 35 mm, 90° F/F condensate drain for vertical pipes     | 6YSCACON06 | 8     | 13,5  | 11,5  | 21    | 7,5   | 14    |
| Ø 60 mm pipe length 0.25 m M/F                           | 6YTUBSDO05 | 0     | 0,5   | 0     | 0,5   | 0     | 0,5   |
| Ø 60 mm pipe length 0.50 m M/F                           | 6YTUBSDO07 | 0     | 0,5   | 0,5   | 0,5   | 0,5   | 0,5   |
| Ø 60 mm pipe length 1 m M/F                              | 6YTUBSDO09 | 0,5   | 1     | 1     | 1     | 0,5   | 1     |
| Ø 60 mm pipe length 2 m M/F                              | 6YTUBSDO11 | 1     | 2     | 1,5   | 2     | 1     | 2     |
| Ø 60 mm, 90° elbow for pipe M/F                          | 6YCURSDO01 | 0,5   | 1     | 1     | 2     | 0,5   | 1,5   |
| Ø 60 mm, 45° elbow for pipe M/F                          | 6YCURSDO03 | 0,5   | 1     | 1     | 1,5   | 0,5   | 1     |
| Ø 60 mm condensate flue gas outlet M/F                   | 6YSCACON02 | 0     | 0     | 0     | 0     | 0     | 0     |
| Ø 60 mm air intake or flue gas outlet brace terminal, F  | 6YTERCON00 | 2,5   | 2,5   | 3,5   | 4     | 2,5   | 2,5   |
| Ø 60 mm upright flue gas terminal, F                     | 6YTERSCA00 | -     | 2     | -     | 3     | -     | 2     |
| Single terminal for Ø 35 mm pipe                         | 6YTERSDO00 | 0     | 7     | 0     | 11    | 0     | 7,5   |

A = air intake

F = flue gas outlet

Tab. 3

### CALCULATION EXAMPLE

With pipe diameter of 35 mm e 60 mm (apply the load loss indicated in table 3)

#### Gazelle EVO 5000

Split air intake and flue gas outlet pipes Ø 35 mm and Ø 60 mm

Direct air intake behind the appliance

Roof flue gas outlet with pipe length 3 meters Maximum length allowed: 100 meters

#### Air intake load loss

Adapter for split flue gas outlet (semicircle / Ø 35 mm): 0,5 m  
 Ø 35 mm double pipe length 30 cm:  $10 \times 0,30 \text{ m} = 3,0 \text{ m}$   
 Single terminal for Ø 35 mm: 0,0 m

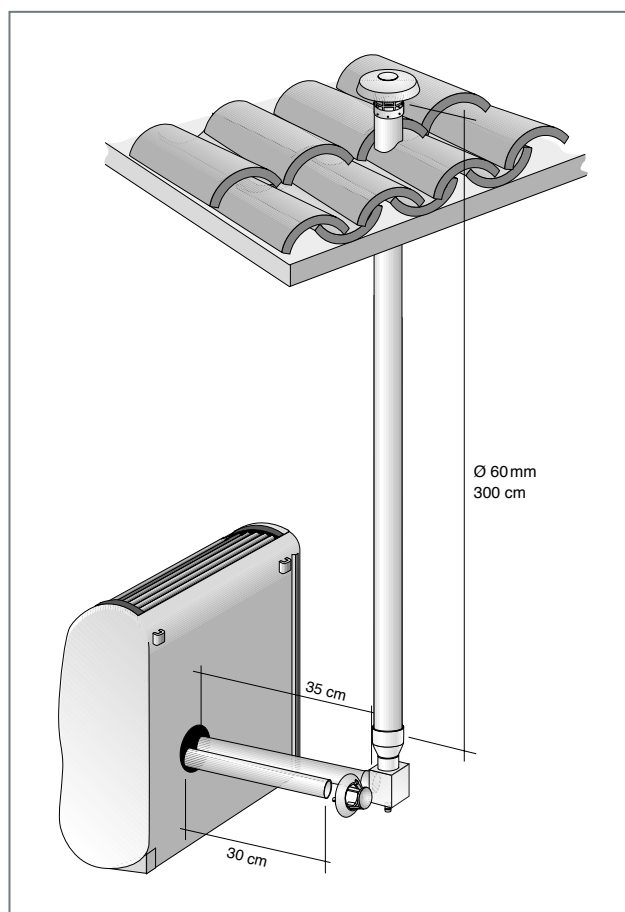
Total air intake load loss: 3,5 m

#### Flue gas outlet load loss

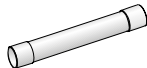
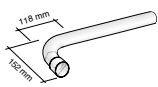
Adapter for split flue gas outlet (semicircle / Ø 35 mm): 0,5 m  
 Ø 35 mm double pipe length 35 cm:  $20,5 \times 0,35 \text{ m} = 7,2 \text{ m}$   
 Ø 35 mm, 90° F/F condensate drain for vertical pipes: 21,0 m  
 Ø 60 mm ÷ Ø 35 mm F/M adapter: 8,5 m  
 Ø 60 mm pipe length 1 m M/F  $\times 3 : 3 \times 1 \text{ m} = 3,0 \text{ m}$   
 Ø 60 mm upright flue gas terminal, F : 3,0 m  
 Total flue gas outlet loss: 43,2 m

Total (air intake + outlet):  $3,5 \text{ m} + 43,2 \text{ m} = 46,7 \text{ m}$

$46,7 \text{ m} < 100 \text{ m} \rightarrow$  ALLOWED SOLUTION

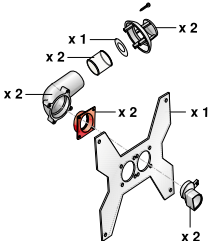
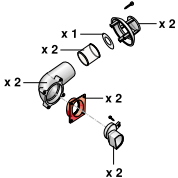
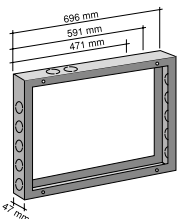


# ACCESSORIES

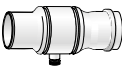
| Item                                                                                | Code       | Description                                                                  | Pieces/pack |       |
|-------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------|-------------|-------|
|    | 6YTUBOAL01 | Pipe standard length, 1 meter.                                               | 2 pc.       |       |
|    | 6Y41309000 | Safety grid for terminal (round)                                             | 1 pc.       |       |
|    | 6YTERSDO00 | Single terminal for Ø 35 mm pipe                                             | 2 pc.       |       |
|    | 6YRIDSDO00 | Adapter for split flue gas outlet                                            | 2 pc.       |       |
|    | 6YCURSDO00 | Starting elbow for split flue gas outlet                                     | 2 pc.       |       |
|  | 6YTUBSDO13 | Ø 35 mm double socket-and-spigot pipe length 0,50 m F/F                      | white       | 6 pc. |
|                                                                                     | 6YTUBSDO93 |                                                                              |             | 1 pc. |
|  | 6YTUBSDO00 | Ø 35 mm double socket-and-spigot pipe length 1 m M/F                         | white       | 6 pc. |
|                                                                                     | 6YTUBSDO90 |                                                                              |             | 1 pc. |
|  | 6YCURSDO05 | 90° elbow for Ø 35 mm tube. M/F                                              | white       | 3 pc. |
|                                                                                     | 6YCURSDO95 |                                                                              |             | 1 pc. |
|  | 6YTUBSDO02 | Ø 35 mm socket-and-spigot pipe length 0,90m. with 90° elbow. M/F             | white       | 6 pc. |
|                                                                                     | 6YTUBSDO92 |                                                                              |             | 1 pc. |
|  | 6YSCACON00 | Ø 35 mm F/F condense drain for horizontal installation (complete with seals) | white       | 2 pc. |
|                                                                                     | 6YSCACON90 |                                                                              |             | 1 pc. |
|  | 6YRIDSDO03 | Ø 60 mm ÷ Ø 35 mm F/M adapter                                                | white       | 2 pc. |
|  | 6YRIDSDO01 | Ø 60 mm ÷ Ø 35 mm F/F adapter                                                | white       | 2 pc. |

\* Accessories cannot be sold individually.



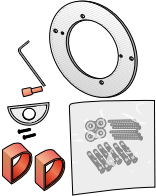
| Item                                                                                          | Code       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Pieces/pack |
|-----------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>A</b><br> | 6YGUASDO00 | Ø 35 mm appliance/adaptor seal for pipe                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 10 pc.      |
| <b>B</b><br> | 6YGUASDO02 | Ø 35 mm external seal for connecting pipes                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 pc.      |
| <b>C</b><br> | 6YGUASDO04 | Ø 35 mm adapter/elbow seal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10 pc.      |
|             | 6YKITSDO01 | <p>Ø 35 mm split pipe kit with supporting bracket for in-wall pipes</p> <p>The kit includes:</p> <ul style="list-style-type: none"> <li>1 supporting bracket</li> <li>2 starting elbows for split flue gas outlet</li> <li>2 adapters for split flue gas outlet</li> <li>2 single Ø 35 mm flue gas terminals</li> <li>1 air shutter</li> <li>2 A-type seals</li> <li>2 B-type seals</li> <li>2 C-type seals</li> <li>8 3,9 x 9,5 screws</li> <li>2 3,9 x 9,5 screws for terminal fixing</li> <li>4 dowels</li> </ul> | 1 pc.       |
|            | 6YSCACON05 | Ø 35 mm F/F condensate drain for horizontal installation (complete with seals)                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 pc.       |
|            | 6YSCACON06 | 90°, Ø 35 mm, F/F condensate drain for vertical pipes (complete with seals)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 pc.       |
|            | 6YMANSCA00 | Ø 35 mm F/F coupling sleeve for pipe connection (complete with seals)                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2 pc.       |
|            | 6YPIAMUR00 | Supporting bracket (with screws and dowels)                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1 pc.       |
|            | 6YKITSDO00 | <p>split pipe kit Ø 35 mm</p> <p>the kit includes:</p> <ul style="list-style-type: none"> <li>2 adapters</li> <li>2 starting elbows</li> <li>1 air diaphragm</li> <li>2 B-type seals for connecting pipes</li> <li>2 Ø 35 mm single flue gas terminals</li> <li>6 screws</li> <li>2 fixing brackets</li> </ul>                                                                                                                                                                                                       | 1 pc.       |
|            | 6YTELAIO03 | Wall spacer counter-frame, depth 47 mm, width 471 mm (model 3000)                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 pc.       |
|                                                                                               | 6YTELAIO04 | Wall spacer counter-frame, depth 47 mm, width 591 mm (model 5000)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |
|                                                                                               | 6YTELAIO05 | Wall spacer counter-frame, depth 47 mm, width 696 mm (model 7000)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |             |

\* Accessories cannot be sold individually.

| Item                                                                                | Code       | Description                                                         |           | Pieces/pack |
|-------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------|-----------|-------------|
|    | 6YTUBSDO05 | Ø 60 mm pipe length 0.25 m M/F                                      | white     | 6 pc.       |
|                                                                                     | 6YTUBSDO07 | Ø 60 mm pipe length 0.50 m M/F                                      | white     | 6 pc.       |
|                                                                                     | 6YTUBSDO09 | Ø 60 mm pipe length 1.00 m M/F                                      | white     | 6 pc.       |
|                                                                                     | 6YTUBSDO99 |                                                                     |           | 1 pc.       |
|                                                                                     | 6YTUBSDO11 | Ø 60 mm pipe length 2.00 m M/F                                      | white     | 6 pc.       |
|    | 6YCURSDO01 | Ø 60 mm, 90° elbow for pipe M/F                                     | white     | 4 pc.       |
|                                                                                     | 6YCURSDO91 |                                                                     |           | 1 pc.       |
|  | 6YCURSDO03 | Ø 60 mm, 45° elbow for pipe M/F                                     | white     | 4 pc.       |
|                                                                                     | 6YCURSDO93 |                                                                     |           | 1 pc.       |
|  | 6YSCACON02 | Ø 60 mm condensate flue gas outlet M/F                              | white     | 2 pc.       |
|  | 6YTERCON00 | Ø 60 mm air intake or flue gas outlet brace terminal, F (aluminium) |           | 2 pc.       |
|  | 6YTERSCA00 | Ø 60 mm upright flue gas terminal, F (aluminium)                    | aluminium | 2 pc.       |
|  | 6YCOLSCA00 | Ø 60 mm pipe clip                                                   | white     | 10 pc.      |
|  | 0CREMOTO04 | Remote control ERP-class V (118x85x32 mm)                           |           | 1 pc.       |
|  | 0KITSAMB00 | Temperature probe (12x12x20 mm, with 50cm wire)                     |           | 1 pc.       |

\* Accessories cannot be sold individually.

# INCLUDED ACCESSORIES

| Item                                                                              | Code       | Description                                | Pieces/pack |
|-----------------------------------------------------------------------------------|------------|--------------------------------------------|-------------|
|  | 6YLAMTER00 | Air intake/flue gas outlet terminal flange | 1 pc.       |
|  | 6YTUBOAL00 | Standard pipe, length 59 cm                | 2 pc.       |
|  | 6YTERMIN02 | Plastic terminal for single pipe           | 1 pc.       |
|  | 6YKITIST37 | Installation kit                           | 1 pc.       |

\* Accessories cannot be sold individually.

The manufacturer reserves the right to make any modifications deemed necessary without prior notification.

Uff. Pub. Fondital - CTC 03 G 026 - 01 Ottobre 2018 (10/2018)



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
=ISO 9001=

FONDITAL S.p.A.

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