Sky030/technical data sheet

Sky030 staircases are characterized by a landing which allows the staircases to be fitted to openings without a hole or with a square opening. Sky030 has an adjustable height from 99 %" to 120 %" (from 253 to 306 cm).

STEEL COLOURS

WHITE, BLACK OR IRON GRAY

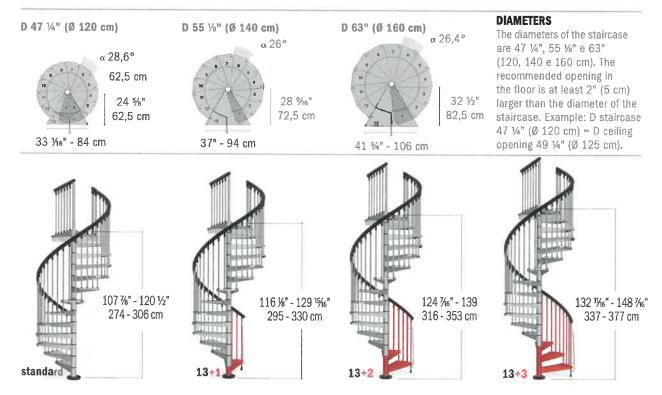


Table 1			ADDITIONAL ARTICLES	
INCREASE	STAIRCASE HEIGHT IN CM	RISES	TREADS	POLES
	132 ¼6" - 148 ¼6" 337 - 377 cm	16	+ 3	+1
	124	15	+ 2	+ 2*
	116 1/8" - 129 15/16" 295 - 330 cm	14	+ 1	
STANDARD	107 %" - 120 ½" 274 - 306 cm	13	12 TREADS + 1 LANDING + RAILING WITH VERTICAL BALUSTERS	
DECREASE	99 %" - 111 7/6" 253 - 283 cm	12	and the same of	
	91 5/6" - 101 15/6" 232 - 259 cm	11		+ 1*
	83 ¼6" - 92 ½6" 211 - 236 cm	10		+ 1*



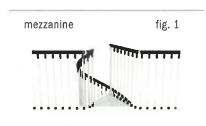
ADJUSTABLE RISE FROM 8 %2" TO 9 1/4" (FROM 21 TO 23,5 CM)

* REPLACES THE EXISTING 49 3/46" (125 CM) POLE IN THE SKY030 STAIRCASE.



TREAD RISER POLE 32 %6" (82 CM) BALCONY RAIL KIT

TYPES OF OPENINGS AND BALUSTRADES



square opening

fig. 2



ROTATION

The direction of rotation, whether clockwise or anti-clockwise, can be decided during installation.





clockwise

anti-clockwise

RESISTANCE TO WEATHERING



RISER BAR

Allows to reduce the space between treads for safety.



BALCONY RAIL KIT

It is necessary to protect the upper floor aperture (fig. 1, 2). It comes in 47 ¼" (120 cm) modules comprising 10 balusters, handrail and fixings.

ATTENTION!

Do not assemble more than **one** 47 ¼" (120 cm) **module** at a time.

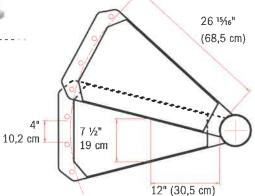
ADDITIONAL TREADS / POLES

To reach a staircase height of 139" (353 cm), you must purchase one or more supplementary treads comprising the structure, tread and balusters.

Supplementary pole modules (Table 1) must be purchased for certain configurations.

The D 63" (Ø 160 cm) Sky030 complies to the: INTERNATIONAL RESIDENTIAL CODE 2012 - STAIR BUILDING CODE

Rise from 8 %2" to 9 ¼"
(21 to 23,5 cm)
Minimum run at 12" (30,5 cm)
from the narrow edge: 7 ½" (19 cm)
Clear width: 26 ½6" (68,5 cm)
Distance between railing balusters:
4" (10,2 cm)



EXAMPLE

If you wish to purchase SKY030 comprising 13 + 3 = 16 rises (see adjacent drawing), the following items are needed:

- 1 SKY030 STAIRCASE (standard)
- 3 ADDITIONAL TREADS 1 ADDITIONAL POLE (32 5/6" / 82 cm)



FOR FURTHER INFORMATION VISIT THE WEBSITE www.arkestairs.com

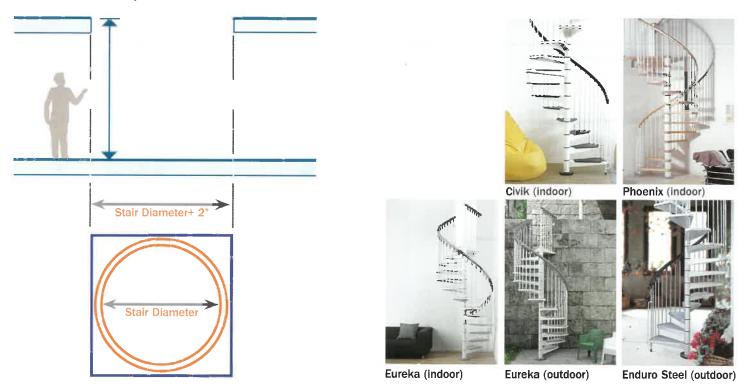


Spiral Staircase Kits

High quality Arkè staircase kits by Fontanot, a world-class Italian design and manufacturing firm, are now available in the U.S.A.

Getting Started

Civik, Phoenix, Enduro Steel and Eureka spiral staircase kits can be installed in clockwise or counter-clockwise directions and are available in three diameters. The Eureka is designed for indoor/outdoor applications. Each stair kit is ready to assemble and comes with detailed written instructions and an installation DVD.



Choose the spiral staircase design most appropriate for your needs (see inside for individual staircase features).

Measure the floor-to-floor height (see illustration). Select appropriate kits and accessories from inside pages.

Choose a diameter or tread width to match the available space.

Add 2 inches to the diameter of the chosen spiral staircase for the square or round rough opening (see illustration).

Each staircase kit is shipped in sturdy wooden crates to your point of purchase within 10 days of placing your order, your staircase kit is ready to install in one day, and comes with detailed written instructions and an installation DVD.









colors: grey, white and black!

Civik: consisting of 1 universal landing, 12 non-slip treads, railing ... all included in the price!

CIVIK This staircase is built in pressed steel with plastification in three different colors:

black (RAL 9017), white (RAL 9010) or grey (RAL 9006). The handrail, in aluminium and polyurethane, is black.

The treads are covered with black panels, made of hard-wearing, non-slip material. This staircase is supplied with a universal landing to allow installation into any shape

and size ceiling openings.

The clockwise or counter-clockwise winding direction may be decided during the assembly. The diameters of the staircase are

3'11¼", 4'7½", 5'3".

The staircase height can vary from $8'3\frac{1}{4}"$ to $10'\frac{1}{8}"$.

Calculate the height of the rise consulting the assembly instructions (Tab. 2) which are on our website www.arkestairs.com or contact our sales points.

With the purchase of one or more additional treads you can reach a height of 12'4"

(attention: it is necessary to buy additional CENTER POLES and HANDRAILS!).

Additional balcony rail kits, 3'11'4" of linear ft, are available on request.

UNIVERSAL LANDING for:



round opening



square opening



mezzanine







Modular units, 3'11¼" of linear ft, 10 balusters, handrail and hardware. The balcony rail kit can also have a circular shape.

Phoenix, clear sealed beech wood and steel!

Phoenix: consisting of railing, 1 landing and 12 polished beech wood treads ... all included in the price!

PHOENIX This staircase combines the colors of steel, black (RAL 9017), white (RAL 9010) or grey (RAL 9006), with the natural beauty of the polished beech wood treads with a light natural stain.

The handrail is in aluminum and wood grain PVC and it matches the color of the tread.

Accessories are black for the black stair and grey for the grey and white stairs.

The staircase is supplied with a landing that needs to be cut to the right size when assembling, to allow installation into any shape and size ceiling openings.

The clockwise or counter-clockwise

winding direction may be decided during the assembly.

The diameters of the staircase are $3'11\frac{1}{4}$ ", $4'7\frac{1}{8}$ ", 5'3".

The staircase height is adjustable from 8'3%" to 10'½". Calculate the height of the rise consulting the assembly instructions (Tab. 2) which are on our website

www.arkestairs.com or contact our

sales points. With the purchase of one or more additional treads you can reach a height of 12'4%" (attention: it is necessary to buy additional CENTER POLES and HANDRAILS!). Additional balcony rail kits, 3'11¼" of linear ft, are available on request.











Polished beech wood landing for:





round opening

square opening

mezzanine



www.arkestairs.com

ADDITIONAL TREAD

ADDITIONAL TREADS

HEIGHT FROM 9'81/2"

HEIGHT FROM 10'434"

10 11'7"

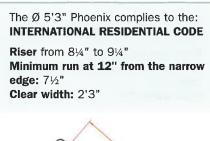


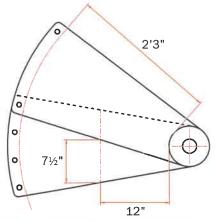
Ø 3'11¼" $\alpha \approx 32^{\circ}$ Ø 4'71/8" $\alpha \approx 29^{\circ}$

ø 5'3" $\alpha\approx 27^{\circ}$



The Phoenix fits into a square or round opening 2" larger than the stair diameter. Ex.: Ø 3'11¼" = Ø ceiling opening 4'1¼"











HEIGHT

EUREKA 13 RISERS

HEIGHT FROM 9'7-54" TO 10'91/2"

TREAD

www.arkestairs.com +1 +2 +3 ADDITIONAL ADDITIONAL ADDITIONAL

TREADS

HT HEIGHT
754" FROM 10'4"
10'11'65%"

+3
ADDITIONAL TREADS
HEIGHT
FROM 11'4'
TO 12'4"

Ø 3'11¼" $\alpha \approx 29^{\circ}$ Ø 4'7½" $\alpha \approx 26^{\circ}$ Ø 5'3" $\alpha \approx 26^{\circ}$





The Eureka fits into a square or round opening 2" larger than the stair diameter.

Ex.: Ø 3'11¼" = Ø ceiling opening 4'1¼"

Eureka, interior/

The Ø 5'3" Eureka complies to the:
INTERNATIONAL RESIDENTIAL CODE
Riser from 8¼" to 9¼"
Minimum run at 12" from the narrow edge: 7½"
Clear width: 2'3"





Modular units, 3'11" of linear ft, 10 balusters, handrail and hardware. The balcony rail kit can also have a circular shape.

exterior special painted steel staircase!

Eureka: consisting of 1 universal landing, 12 non-slip treads, railing ... all included in the price!

EUREKA This staircase is built in pressed steel with plastification in three different colors: black, white or grey.

The handrail and the staircase finishes are in grey PVC for the white and grey staircases, and black PVC for the black staircases.

The treads are covered with black panels, made of hard-wearing, non-slip material. This staircase is supplied with a universal landing to allow installation into any shape and size ceiling openings.

The clockwise or counter-clockwise winding direction may be decided during the assembly.

The diameters of the staircase are 3'11¼", 4'7½", 5'3".

The staircase height can vary from 8'3¼" to 10'½".

Calculate the height of the rise consulting the assembly instructions (Tab. 2) which are on our website www.arkestairs.com or contact our sales points.

With the purchase of one or more additional treads you can reach a height of 12'4" (attention: it is necessary to buy additional CENTER POLES!).

Additional balcony rail kits, 3'11¼" of linear ft, are available on request.







UNIVERSAL LANDING for:



round opening



square opening



mezzanine







The Enduro Steel fits into a square or mezzanine opening 2" larger than the stair diameter.

Ex.: Ø 3'11¼" = Ø ceiling opening 4'1¼" Ø 5'3" $\alpha \approx 26^{\circ}$

Ø 3'11¼" $\alpha \approx 29^{\circ}$

 \emptyset 4'7%" $\alpha \approx 26^{\circ}$

0(1

Balcony rail kit is not provided!

Enduro Steel, the spiral staircase for

Enduro Steel: consisting of 1 triangular landing, 12 galvanized treads, stainless steel nuts and bolts, PVC for handrail and railing ... all included in the price!



LANDING for:



square opening



mezzanine

ENDURO STEEL The spiral staircase for outdoors. Strong and long lasting qualities characterize it.

All metal parts are hot galvanized in order to protect against rust, making this staircase ideal for outdoor use.

Stainless steel hardware fittings. The staircase comes with a black handrail in extruded PVC. The clockwise or counterclockwise winding direction may be decided during the assembly. The staircase diameters are 471/4", 551/8", 63".

The staircase height is adjustable from 8'31/4" to 101/4". Calculate the height of the rise consulting the assembly instructions (Tab. 2) which are on our website www.arkestairs.com or contact our sales points. With the purchase of one or more additional treads you can reach a height of 12'4" (attention: it is necessary to buy additional CENTER POLES!).







The galvanization protects it from any weather condition



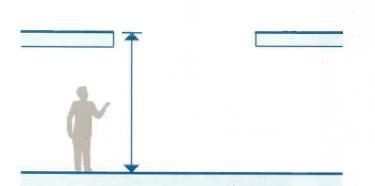


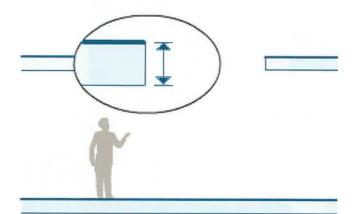
Modular Staircase Kits

High quality Arkè staircase kits by Fontanot, a world-class italian design and manufacturing firm, are now available in the U.S.A. Each staircase kit is shipped in sturdy wooden crates to your point of purchase within 10 days of placing your order, your staircase kit is ready to install in one day, and comes with detailed written instructions and an installation DVD.

Getting StartedModular Staircase Kits

KARINA and KOMPACT: the Arkè modular models for indoor use designed for maximum flexibility of installation.











Karina

The Karina staircase kit has a space-saving "alternating tread" design, for maximun space utilization, without compromising functionality, and comes with a handrail for one side.

Karina staircase kit can be installed straight or curved, up to 180° either clockwise or counter-clockwise. Ideal for turning an attic into a loft, playroom, home office or similar applications.

Additional Articles

TREADS

With the purchase of one or more additional treads you can reach a height of 10'91/2".

EXTERNAL RAILING

If the railing is necessary on both sides, additional railings and treads are available and can be purchased on request.

BALCONY RAIL KITS

Additional balcony rail kits (Phoenix type), 3'11¼" linear lengths, can be supplied on request.

Kompact

The Kompact staircase kit is the only one available with adjustable rise, run, height, depth and rotation. The 152 varied possibilities of configuration allow for a wide variety of options to choose from.



Choosing your configuration, you will have to bear in mind the floor space available and the required headroom (ceiling opening). The advised ceiling opening must have at least the dimensions of the staircase less two treads (see Diagram).

Is there already an opening on the ceiling? From the 152 diagrams, select one with smaller dimension than the opening itself. The ceiling opening must have at least the dimensions of the staircase, less two treads. Before choosing any additional kit, decide if you are dealing with KOMPACT 29 or KOMPACT 35.

Is the opening to be cut to size? Identify which of the 152 diagrams is the most suitable for you, according to floor space, direction, etc. The ceiling opening must have at least the dimensions given in the selected diagram, less two treads (see Diagram). Before choosing any additional kit, be sure to check if you are dealing with KOMPACT 29 or KOMPACT 35.

Additional Articles

TREADS

Needed in case of floor-to-floor heights over $9'11\frac{1}{4}$ ". It includes a metal support, one tread and balusters for the internal railing. For heights lower than $7'4\frac{1}{4}$ ", simply assemble fewer treads.

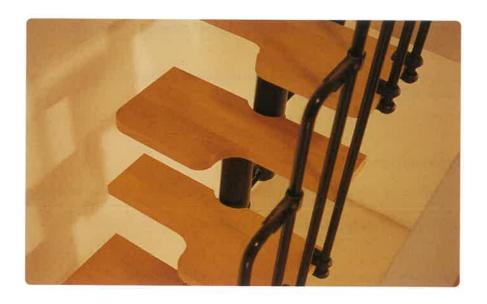
EXTERNAL RAILING

Needed when part of the staircase is not installed against a wall. It includes 5 balusters, one handrail and all necessary hardware.

BALCONY RAIL KITS

Can be linked to the stair railing and may be used to protect the stairwell or landing (3'11¼" modular units, 10 balusters, handrail in solid beech and hardware).



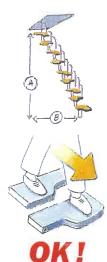


Karina, the space saving

Karina: consisting of 11 shaped treads, steel supporting structure and railing on the internal side ... all included in the price!

KARINA This staircase is particularly suited for narrow spaces. Its clever supporting structure, made of steel interlocking elements, allows different configurations and is available in three different colors: black (RAL 9017), white (RAL 9010) or grey (RAL 9006). The accessories are black for the black stair and grey for the white or grey stair. The polished beech wood treads with a light natural stain are of a special shape to guarantee maximum utilization of space without compromising the stair functionality. The staircase is supplied with a railing for one side. With the purchase of one or more additional treads you can reach a height of 10'91/2". If the railing is necessary on both sides, additional railings and treads are available and can be purchased on request. Additional balcony rail kits (Phoenix type), 3'1114" linear lengths, can be supplied on request.





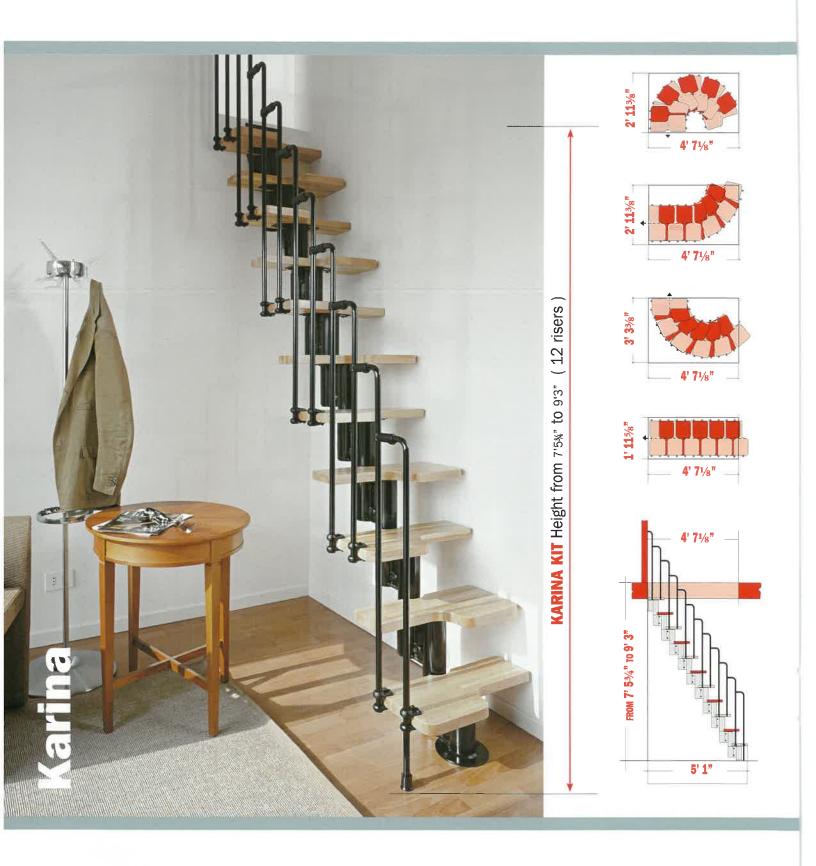
Change your attic into a loft:

replace your
"loft ladder"
with KARINA,
the ideal
staircase for
very narrow
spaces!

staircase!









ADDITIONAL TREAD of Karina will always be right-footed

ADDITIONAL BALCONY RAIL KITS:

Modular units, 3'1114" of linear ft, 10 balusters, polyurethane handrail and hardware.

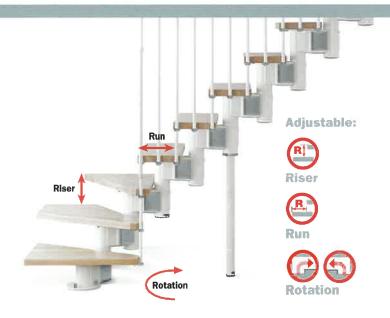


Winding direction: clockwise and counter-clockwise









Find the staircase you wish from 152 plans

Customize it with additional articles: treads, external railings and balcony rail kits.

Kompact, the 152 opportunities stair

Kompact : consisting of 12 polished beech wood treads, steel supporting structure and internal railing ... all included in the price!

KOMPACT Covered by a worldwide patent it is the only staircase with adjustable rise, going, height, depth and rotation. Its total flexibility allows endless configurations, with 1/4 turn or 2/4 turn (Kompact L or Kompact U) to fit any space. The staircase comes with 13 risers (12 treads) and internal railing. The going is adjustable between 71/8" and 83/8" (KOMPACT 29) and between 83/8" and 101/4" (KOMPACT 35). The riser is adjustable between 63/4" to 91/4".

With the purchase of one or more additional treads you can reach a height of 12'2%". The treads are in polished solid beech with a light

natural stain while metal supports and balusters are black (RAL 9017), white (RAL 9010) or grey (RAL 9006) powder coated.

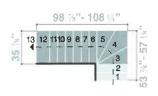
The handrail is in solid beech. The accessories are black for the staircase in black and grey for the staircases in grey and white.

The staircase may be further "customized" using the following accessories: additional treads, external railings, and balcony rail kits.











ADDITIONAL BALCONY RAIL KIT: Modular units 3'11¼'' long, 10 balusters, handrail in solid beech, and hardware.



Balcony rail kit's wall clamping.



Railing's connection to the balcony rail kit. The handrail is in solid beech wood with quadrangular shape.



Plate cover

Winding direction: clockwise and counter-clockwise











How to choose your configuration

www.arkestairs.com Plan your staircase!

Choosing your configuration, you will have to bear in mind the floor space available and the required headroom (ceiling opening). The advised ceiling opening must have at least the dimensions of the staircase less two treads (see *Diagram 1*).

Through the different installation of the 12 treads and the choice of going, KOMPACT 29 from 7 1/8" to 8 %", or KOMPACT 35 from 8 %" to 10 1/4", you can achieve 152 different configurations.



DIAGRAM 1

The diagrams show the minimum and maximum dimension of the configurations you can achieve with Kompact L or Kompact U.

Is there already an opening in the ceiling?

From the 152 diagrams, select one with smaller dimensions than the opening itself. The ceiling opening must have at least the dimensions of the staircase minus two treads (see *Diagram 1*).

Before choosing any additional component, decide if you are considering KOMPACT 29 or KOMPACT 35.

Is the opening cut to size?

Identify which of the 152 diagrams is the most suitable for you, according to floor space, direction, etc.

The ceiling opening must have at least the dimensions given in the selected diagram less two treads (see *Diagram 1*).

Before choosing any additional component, decide if you are considering **KOMPACT 29** or **KOMPACT 35**.

KOMPACT 13 RISERS HEIGHT FROM 7'4%" TO 9'11%"

CHART 1 HEIGHTS OF KOMPACT 29 AND 35

+1 ADDITIONAL TREAD

HEIGHT FROM 7'11'4" TO 10'8'4" +2
ADDITIONAL
TREADS
HEIGHT

FROM 8'5%"

to 11'5%'

HEIGHT

ADDITIONAL

TREADS

www.arkestairs.com

ADDITIONAL ARTICLES

TREADS Needed in case floor-to-floor heights are over 9'11¼". It includes a metal support, one tread and balusters for the internal railing (see Chart 1). For heights lower than 7'4%", simply assemble fewer treads.

EXTERNAL RAILING

Needed when part of the staircase is not installed against a wall. It includes 5 balusters, one handrail and

one handrall and all necessary hardware. The additional external railing increases the staircase width by 1%".





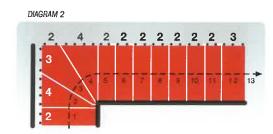
BALCONY RAIL KIT

Can be linked to the stair railing and may be used to protect the stairwell or landing (3'11¼' modular units, 10 balusters, handrail in solid beech and hardware).

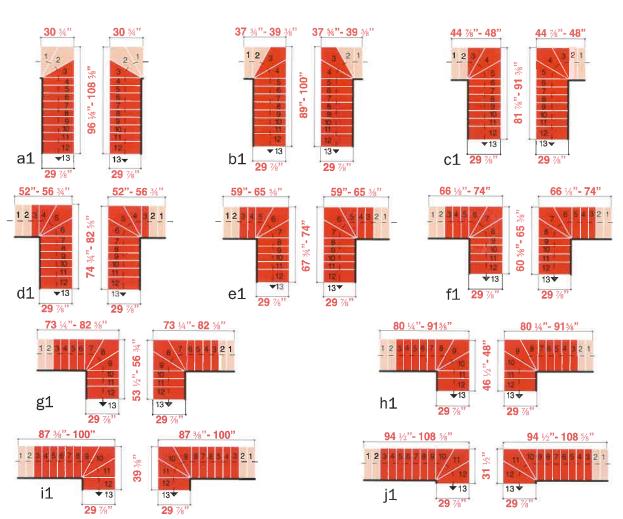


ADDITIONAL EXTERNAL RAILING:

It includes 5 balusters, one handrail and all necessary hardware. For KOMPACT 29, in the *Diagram 2* it is possible to calculate the number of balusters needed on the external side of the staircase (the balusters are represented by numbers and points). Example: if you want to assemble the external railing only on the left side of the staircase (*Diagram 2*), you must add: 2 + 4 + 3 = 9 balusters. Therefore 2 additional external railings must be purchased.



The overall dimensions of the following configurations include the minimum distance you need to leave from the potential wall, equal to %".



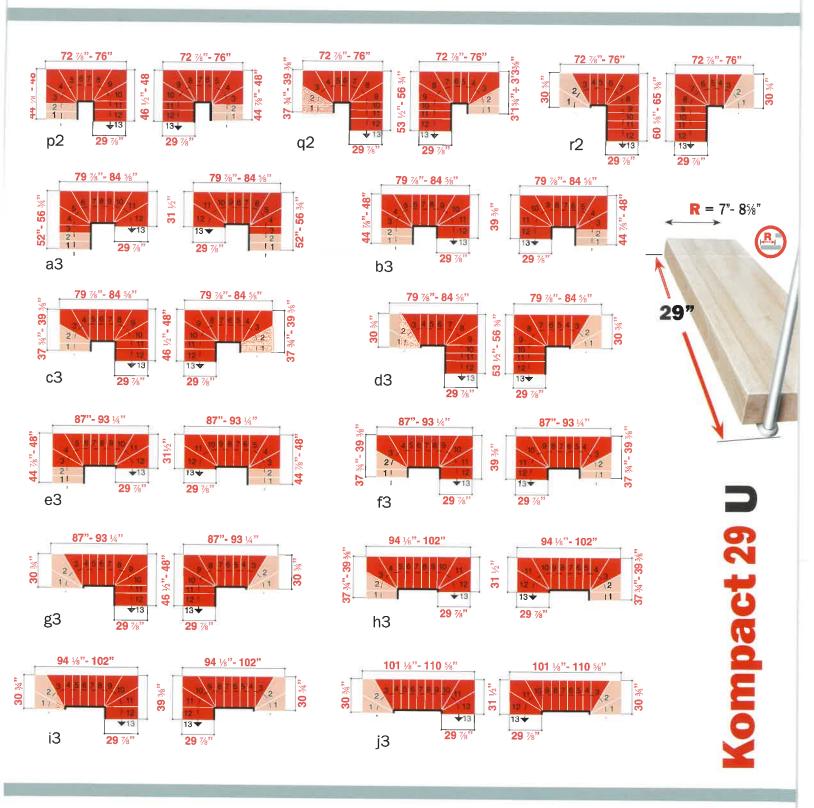


R = 7" - 8%"

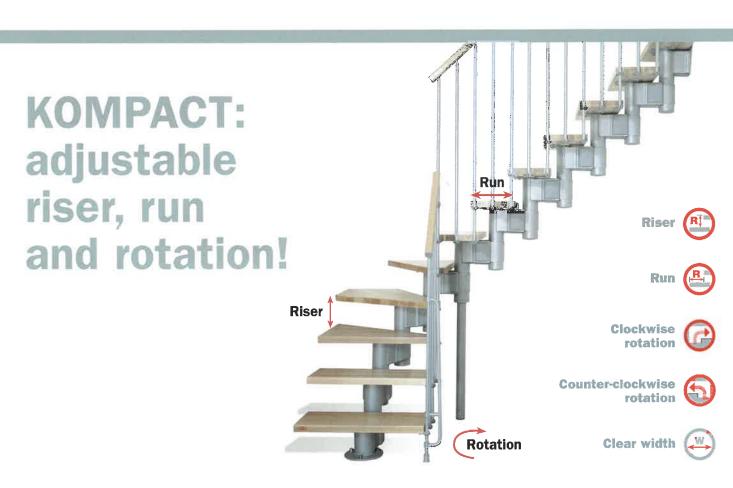
29"

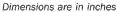


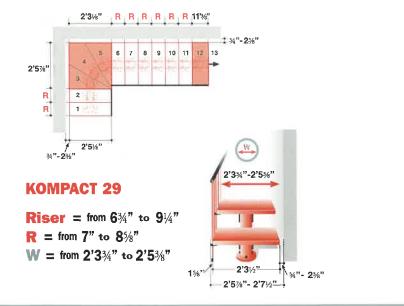


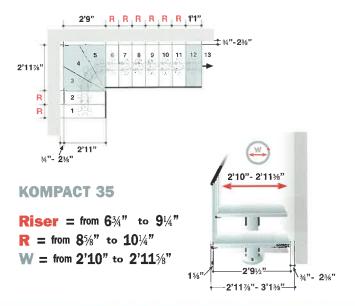












ADDITIONAL EXTERNAL RAILING:

It includes 5 balusters, one handrail and all necessary hardware. For KOMPACT 35 in the *Diagram 3* it is possible to calculate the number of balusters needed on the external side of the staircase (the balusters are represented by numbers and points). Example: if you want to assemble the external railing only on the left side of the staircase(Diagram 3) you must add: 2 + 2 + 2 + 5 + 4 = 15 balusters. Therefore 3 additional external railings must be purchased.

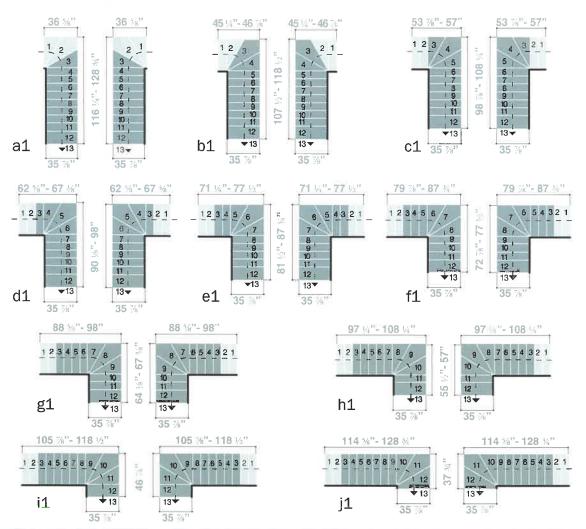
DIAGRAM 3

3 5 2 2 2 2 3 3

4 5 6 7 8 9 10 11 12 13

2 12 2 1

The overall dimensions of the following configurations include the minimum distance you need to leave from the potential wall, equal to $\frac{34}{9}$.



Kompact 35 L

R = 8%"-10\\\4"

35"





