

# Phoenix / technical data sheet

The Phoenix staircase has a landing that is cut to size during assembly, so that it can be installed into a round or square

opening or on a mezzanine. It is adjustable from 99 5/8" to 120 1/2" (253 to 306 cm).

**WOOD SHADES**    **STEEL COLORS**  
LIGHT                GREY,  
                              WHITE OR BLACK



Table 1

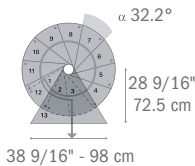
ADDITIONAL ARTICLES					
INCREASE ▲	STAIRCASE HEIGHT	RISERS	TREADS	POLES	HANDRAILS
	133 1/16" - 148 7/16" 338 - 377 cm	16	+ 3	+ 1	+ 1
	124 13/16" - 139" 317 - 353 cm	15	+ 2	+ 2*	+ 1
	116 9/16" - 129 15/16" 296 - 330 cm	14	+ 1	-	-
STANDARD	107 7/8" - 120 1/2" 274 - 306 cm	13	12 TREADS + 1 SOLID BEECH WOOD LANDING RAILING WITH VERTICAL BALUSTERS		
DECREASE ▼	99 5/8" - 111 253 - 282 cm	12	-	-	-
	91 5/16" - 101 9/16" 232 - 258 cm	11	-	+ 1*	-
	82 11/16" - 92 1/2" 210 - 235 cm	10	-	+ 1*	-



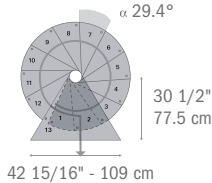
ADJUSTABLE RISE FROM 8 3/8" TO 9 11/32" (FROM 21.3 TO 23.7 CM)

\* REPLACES THE EXISTING 49 3/16" (125 CM)  
POLE IN THE PHOENIX STAIRCASE.

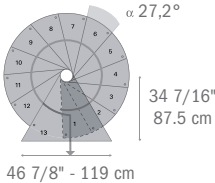
**D 47 1/4" (Ø 120 cm)**



**D 55 1/8" (Ø 140 cm)**

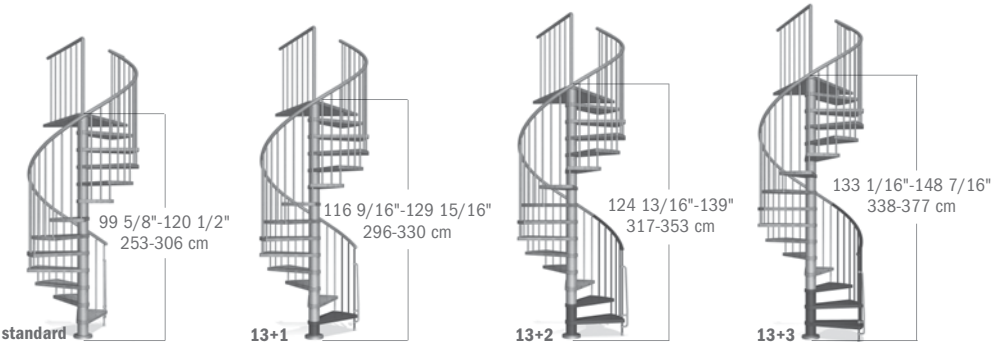


**D 63" (Ø 160 cm)**








## DIAMETERS

The Phoenix staircase is available in 47 1/4", 55 1/8" and 63" (120, 140 and 160 cm) diameters. The staircase should be installed in an opening in the floor that is at least 2" (5 cm) larger than the diameter of the staircase. Example: D staircase 47 1/4" (Ø 120 cm) = D ceiling opening 49 1/4" (Ø 125 cm).



## ADDITIONAL ARTICLES OVERVIEW

				
TREAD	RISER BAR	POLE 32 5/16" (82 CM)	HANDRAIL 47 1/4" (120 CM)	BALCONY RAIL KIT 47 1/4" (120 CM)

### ADDITIONAL TREADS / POLES / HANDRAILS

To reach a staircase height of 148 7/16" (377 cm), you must purchase additional treads comprising the structure, tread and balusters.

Additional pole and handrail modules (Table 1) must be purchased for certain configurations

### RISER BAR

Reduces the open space between treads for added safety.



### WINDING DIRECTION

The same stair kit may be installed in either a clockwise or counter clockwise direction.



clockwise



counterclockwise

### BALCONY RAIL KIT

Balcony rail kits are 47 1/4" (120 cm) long modules containing 10 balusters, a handrail and hardware.  
Balcony rail kits can be used in a square or circular opening. (see fig. 2) .

### TYPES OF OPENINGS AND BALUSTRADES

mezzanine

fig. 1



round opening

fig. 2



square opening

fig. 3



The D 63" (Ø 160 cm) Phoenix complies to the: **INTERNATIONAL RESIDENTIAL CODE**

### 2012 - STAIR BUILDING CODE

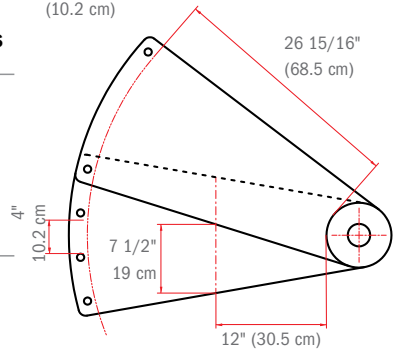
Rise from 8 3/8" to 9 11/32" (21.3 to 23.7cm)

Minimum run at 12" (30.5 cm)

from the narrow edge: 7 1/2" (19 cm)

Clear width: 26 15/16" (68.5 cm)

Distance between railing balusters: 4" (10.2 cm)



### EXAMPLE

To build a 16 riser PHOENIX (13 risers plus 3 additional), the following parts will be needed:

- 1 PHOENIX STAIRCASE (standard)
- 3 ADDITIONAL TREADS
- 1 ADDITIONAL POLE  
(32 5/16" / 82 cm)
- 1 ADDITIONAL HANDRAIL



FOR FURTHER INFORMATION  
VISIT THE WEBSITE  
[www.arkestairs.com](http://www.arkestairs.com)

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