

«« Safety Storage Cabinets

PHOENIX | touchless Type 90 – Overview



Storage of hazardous materials - easy and safe

Sensor technology

- Opening and closing of the folding doors without being touched
- No more problems with doors left open
- Your third hand



Approved storage of hazardous materials in workrooms in accordance with EN 14470-1 (Type 90)



PHOENIX touchless Model VBFA196.120 with drawers (page 36)



PHOENIX touchless Model VBFA196.60 with drawers (page 37)



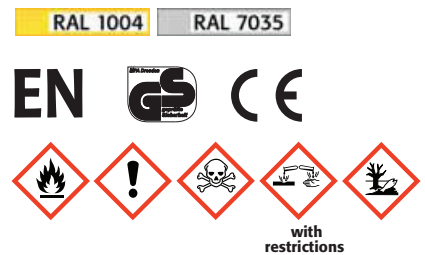
PHOENIX touchless Model VBFA196.6-7-G Cabinet depth 750 mm with drawers (page 38)



PHOENIX touchless Model VBFA196.120-G with shelves (page 36)



PHOENIX touchless Model VBFA196.60-G with shelves (page 37)



Type tested according to EN 14470-1 (Type 90).

PHOENIX | touchless Type 90 – Sensor technology



The folding doors of the PHOENIX touchless are always closed when not in use and offer you:

To operate the cabinet without endangering yourself even when your hands are full

- Opening and closing of the doors without being touched
- No need to put down containers to open cabinet doors

High-level protection of staff against toxic vapours

- No more problems with doors left open
- Vapours cannot escape into the working room
- Permanent effective ventilation of the cabinet if connected to an extraction air system

Safety in the event of a fire

- Fire resistance 90 minutes (type tested according to EN 14470-1, Type 90)
- Integrated thermal release systems, automatic closing of the doors and drawers

Convenient to operate and safe to use

- Convenient retaining and storing of containers
- Vertical panels to protect from finger injuries

Lower operating costs

- No more fingerprints on the surface of the doors
- Lower maintenance costs due to a guided path for the doors

Sensor technology

- Opening and closing of the doors without being touched through sensor detection
- Function control with integrated LED display

- The doors close automatically after use

Your safety in case of power failure

- Manual closing or opening of the doors is possible

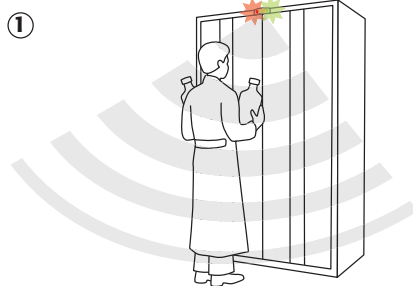
Folding doors

- Less protrusion, space saving
- 90° opening, interior of the cabinet completely visible

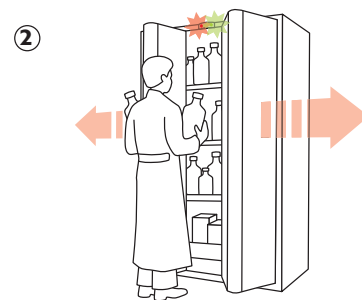
Large variety

- Either with shelves or drawers
- Optimal solutions for different needs
- Storage capacity of up to 235 ltr. (6 large drawers with 1 ltr. and 2.5 ltr. laboratory bottles)

Operating sequence:



1 The sensor detects a person within approx. 2 seconds.



2 After detection the folding doors open automatically within approx. 5 seconds.



The sensor indicates ready to use.



3 The sensor recognises the person while operating and holds the folding doors open.



4 The person leaves the sensor-controlled area the doors close automatically after approx. 30 seconds.



The sensor has detected the person in the sensor area.

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PHOENIX touchless Type 90 Safety storage cabinet with folding doors



PHOENIX touchless Model VBFA196.120-G
with shelves



PHOENIX touchless Model VBFA196.120
with drawers



VBFA196.120

Approved storage of hazardous materials in workrooms

- Type tested in accordance with EN 14470-1 (**90 minutes fire rated - Type 90**)
- GS and CE conformity

Technical data at a glance:

Cabinet

Dimensions W x D x H (mm):

exterior approx. 1200 x 615 x 1968
(height with base approx. 2090 mm)

interior approx. 1050 x 520 x 1740

Weight: **approx. 420 kg**

Labelling in accordance with EN 14470-1

Drawers

Load capacity (evenly distributed): **60 kg**

Drawer dimensions W x D x H (mm):

approx. 840 x 490 x 90

Capacity: **approx. 30 ltr.**

Storage capacity for each drawer/container

(please note the height of the containers)

Quantity	Type of container	Volume
90	aerosol can	400 ml
40	steel tin	1 litre
40	lab bottle (glass)	1 litre
40	lab bottle (PE)	1 litre
15	lab bottle (glass)	2,5 litres

Shelves

Height adjustable (32 mm increments)

Load capacity (evenly distributed): **75 kg**

Dimensions W x D x H (mm):

approx. 1043 x 435 x 30

Capacity of the bottom

collecting sump: **approx. 33 ltr.**

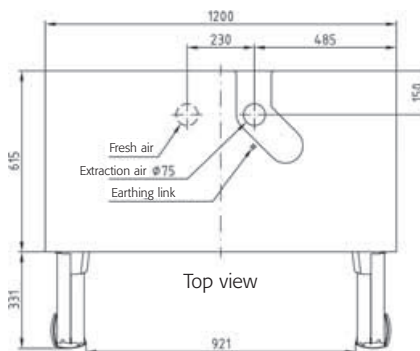
Ventilation

Connection	mm	75
Change of air 10 times	m ³ /h	9
Pressure drop	Pa	4

Technical data

Detection of a person	seconds	approx. 2
Opening time	seconds	approx. 5
Closing time *	seconds	approx. 30
Voltage	V	230
Frequency	Hz	50
Power consumption	A	0,35

* period of time person leaving the sensor area to closing the doors



Type 90 PHOENIX touchless Safety storage cabinets with folding doors

Model	Material, colour	recommended quantity	Order Code
VBFA196.120 , 2 folding doors, excl. interior equipment	light grey, RAL 7035		21212
VBFA196.120-G , 2 folding doors, excl. interior equipment	warning yellow, RAL 1004		21214
Interior equipment (shelves)			
Bottom collecting sump (V=33 ltr.)	sheet-steel, plastic laminated	1	5535
Perforated insert	sheet-steel, plastic laminated	1	5536
Shelf	sheet-steel, plastic laminated	3	5534
Interior equipment (drawers)			
4 drawers	sheet-steel, plastic laminated		4 x 23322
6 drawers	sheet-steel, plastic laminated		6 x 23322

Interior equipment in stainless steel and further drawer combinations available upon request.

PHOENIX | touchless Type 90 Safety storage cabinet with folding door



PHOENIX touchless Model VBFA196.60-G
with shelves

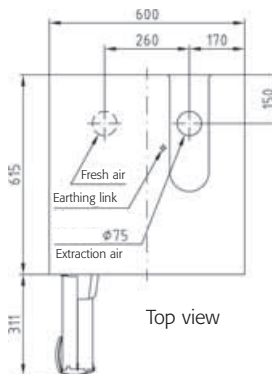


PHOENIX touchless Model VBFA196.60
with drawers

Technical data

Detection of a person	seconds	approx. 2
Opening time	seconds	approx. 5
Closing time *	seconds	approx. 30
Voltage	V	230
Frequency	Hz	50
Power consumption	A	0,35

* period of time person leaving the sensor area to closing the doors



VBFA196.60

Approved storage of hazardous materials in workrooms.

- Type tested in accordance with EN 14470-1 (90 minutes fire rated - Type 90)
- GS and CE conformity

Technical data at a glance:

Cabinet

Dimensions W x D x H (mm):

exterior approx. 600 x 615 x 1968

interior approx. 450 x 520 x 1740

Weight: approx. 260 kg

Labelling in accordance with EN 14470-1

Drawers

Load capacity (evenly distributed):

Storage: 25 kg, for used containers: 50 kg

Drawer dimensions W x D x H (mm):

Storage: approx. 345 x 500 x 50

Capacity: approx. 5 ltr.

Disposal: approx. 330 x 465 x 200

Capacity: approx. 29 ltr.

Storage capacity for each drawer/container

(please note the height of the containers)

Quantity	Type of container	Volume
30	aerosol can	400 ml
12	steel tin	1 litre
12	lab bottle (glass)	1 litre
12	lab bottle (PE)	1 litre
6	lab bottle (glass)	2,5 litres

Shelves

Height adjustable (32 mm increments)

Load capacity (evenly distributed): 75 kg

Dimensions W x D x H (mm):

approx. 443 x 435 x 30

Capacity of the bottom

collecting sump: approx. 22 ltr.

Ventilation

Connection	mm	75
Change of air 10 times	m ³ /h	4
Pressure drop	Pa	2

Type 90 PHOENIX touchless Safety storage cabinets with folding door

Model	Material, colour	recommended quantity	Order Code
VBFA196.60, 1 folding door, left hand, excl. interior equipment	light grey, RAL 7035		21220
VBFA196.60-G, 1 folding door, left hand, excl. interior equipment	warning yellow, RAL 1004		21221
Interior equipment (shelves)			
Bottom collecting sump (V=22 ltr.)	sheet-steel, plastic laminated	1	7455
Perforated insert	sheet-steel, plastic laminated	1	5555
Shelf	sheet-steel, plastic laminated	3	5553
Interior equipment (drawers)			
4 drawers	sheet-steel, plastic laminated		4 x 23224
6 drawers	sheet-steel, plastic laminated		6 x 23224

Interior equipment in stainless steel and further drawer combinations available upon request.

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PHOENIX touchless Type 90 Safety storage cabinet with folding door



750 mm

PHOENIX touchless Model VBFA196.6.7 with drawers



750 mm

PHOENIX touchless Model VBFA196.6.7-G with drawers

VBFA196.6.7

Approved storage of hazardous materials in workrooms

- Type tested in accordance with EN 14470-1 (90 minutes fire rated - Type 90)
- GS and CE conformity

Technical data at a glance:

Cabinet

Dimensions W x D x H (mm):

exterior approx. 600 x 750 x 1968

interior approx. 450 x 655 x 1740

Weight: **approx. 310 kg**

Labelling in accordance with EN 14470-1

Drawers

Load capacity (evenly distributed):

Storage: **25 kg**, for used containers: **50 kg**

Drawer dimensions W x D x H (mm):

Storage: **approx. 345 x 630 x 50**

Capacity: **approx. 6 ltr.**

Disposal: **approx. 330 x 600 x 160**

Capacity: **approx. 30 ltr.**

Storage capacity for each drawer/container

(please note the height of the containers)

Quantity	Type of container	Volume
40	aerosol can	400 ml
17	steel tin	1 litre
17	lab bottle (glass)	1 litre
17	lab bottle (PE)	1 litre
8	lab bottle (glass)	2,5 litres

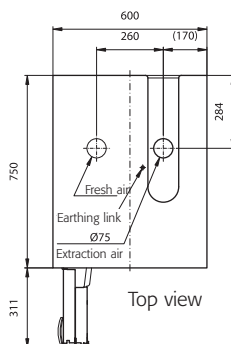
Ventilation

Connection	mm	75
Change of air 10 times	m ³ /h	5
Pressure drop	Pa	3

Technical data

Detection of a person	seconds	approx. 2
Opening time	seconds	approx. 5
Closing time *	seconds	approx. 30
Voltage	V	230
Frequency	Hz	50
Power consumption	A	0,35

* period of time person leaving the sensor area to closing the doors



Type 90 PHOENIX touchless Safety storage cabinets with folding door

Model	Material, colour	recommended quantity	Order Code
VBFA196.6.7, 1 folding door, left hand, excl. interior equipment	light grey, RAL 7035		21216
VBFA196.6.7-G, 1 folding door, left hand, excl. interior equipment	warning yellow, RAL 1004		21217
Interior equipment (drawers)			
4 drawers	sheet-steel, plastic laminated		4 x 23256
6 drawers	sheet-steel, plastic laminated		6 x 23256

Interior equipment in stainless steel and further drawer combinations available upon request.