

# Technical

description

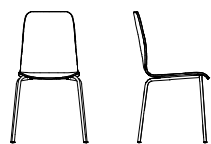
# Technical description

## 1. Dimensions/Weight

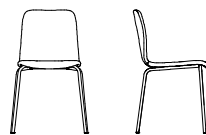
### 1.1. Frame chairs



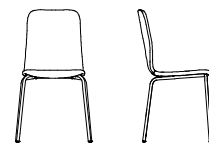
VAPAA FRAME CHAIR 4L W



VAPAA FRAME CHAIR 4L W HB



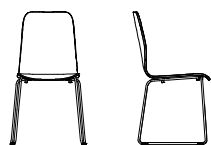
VAPAA FRAME CHAIR 4L UPH



VAPAA FRAME CHAIR 4L UPH HB



VAPAA FRAME CHAIR CFS W VAPAA



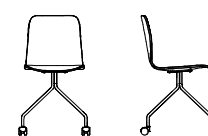
FRAME CHAIR CFS W HB



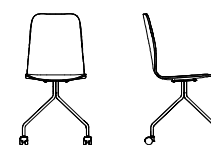
VAPAA FRAME CHAIR CFS UPH



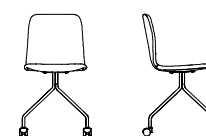
VAPAA FRAME CHAIR CFS UPH HB



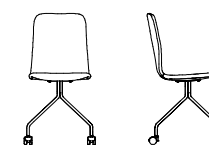
VAPAA FRAME CHAIR 4S W VAPAA



FRAME CHAIR 4S W HB



VAPAA FRAME CHAIR 4S UPH



VAPAA FRAME CHAIR 4S UPH HB



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
VAPAA FRAME CHAIR 4L W HB EA-XX BS-XX GD	485	—	415	415	420	905	395	430	710	530	560	525	6,40
VAPAA FRAME CHAIR 4L W HB EA-XX BS-PD-XX/XX GD	500	—	410	410	420	905	395	430	710	530	560	525	7,80
VAPAA FRAME CHAIR 4L UPH HB EA-XX BS-XX GD	505	—	415	415	420	910	400	435	710	530	560	530	6,60
VAPAA FRAME CHAIR 4L W EA-XX BS-XX GD	485	—	415	415	420	830	395	360	710	530	560	510	6,10
VAPAA FRAME CHAIR 4L W EA-XX BS-PD-XX/XX GD	500	—	410	410	420	830	395	360	710	530	560	510	7,50
VAPAA FRAME CHAIR 4L UPH EA-XX BS-XX GD	505	—	415	415	420	835	400	365	710	530	560	515	6,30
VAPAA FRAME CHAIR 4L W HB EA-XX BS-XX WT-R-XX GD	485	—	415	415	420	905	395	430	710	530	600	565	7,80
VAPAA FRAME CHAIR 4L W HB EA-XX BS-PD-XX/XX WT-R-XX GD	500	—	410	410	420	905	395	430	710	530	600	565	9,10
VAPAA FRAME CHAIR 4L UPH HB EA-XX BS-XX WT-R-XX GD	505	—	415	415	420	910	400	435	710	530	600	570	8,00
VAPAA FRAME CHAIR 4L W EA-XX BS-XX WT-R-XX GD	485	—	415	415	420	830	395	360	710	530	600	550	7,50
VAPAA FRAME CHAIR 4L W EA-XX BS-PD-XX/XX WT-R-XX GD	500	—	410	410	420	830	395	360	710	530	600	550	8,90
VAPAA FRAME CHAIR 4L UPH EA-XX BS-XX WT-R-XX GD	505	—	415	415	420	835	400	365	710	530	600	555	7,70
VAPAA FRAME CHAIR CFS W HB EA-XX BS-XX GD	485	—	415	415	420	905	395	430	715	515	555	525	7,60

A – Seat height

A1 – Seat height according to standard EN 16139

B – Seat depth

C – Seat surface depth

D – Seat width

E – Overall height

F – Backrest width

G – Backrest length

H – Armrests height

K – Base width

V – Overall width

L – Overall depth

# Technical description



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
VAPAA FRAME CHAIR CFS W HB EA-XX BS-PD-XX/XX GD	500	—	410	410	420	905	395	430	715	515	555	525	9,00
VAPAA FRAME CHAIR CFS UPH HB EA-XX BS-XX GD	505	—	415	415	420	910	400	435	715	515	555	530	8,00
VAPAA FRAME CHAIR CFS W EA-XX BS-XX GD	485	—	415	415	420	830	395	360	715	515	555	510	7,50
VAPAA FRAME CHAIR CFS W EA-XX BS-PD-XX/XX GD	500	—	410	410	420	830	395	360	715	515	555	510	8,80
VAPAA FRAME CHAIR CFS UPH EA-XX BS-XX GD	505	—	415	415	420	835	400	365	715	515	555	515	7,60
VAPAA FRAME CHAIR 4S W HB EA-XX BS-XX CA	485	—	415	415	420	905	395	430	710	495	510	555	8,40
VAPAA FRAME CHAIR 4S W HB EA-XX BS-PD-XX/XX CA	500	—	410	410	420	905	395	430	710	495	510	555	9,80
VAPAA FRAME CHAIR 4S UPH HB EA-XX BS-XX CA	505	—	415	415	420	910	400	435	710	495	510	560	8,70
VAPAA FRAME CHAIR 4S W EA-XX BS-XX CA	485	—	415	415	420	830	395	360	710	495	510	545	8,10
VAPAA FRAME CHAIR 4S W EA-XX BS-PD-XX/XX CA	500	—	410	410	420	830	395	360	710	495	510	545	9,50
VAPAA FRAME CHAIR 4S UPH EA-XX BS-XX CA	505	—	415	415	420	835	400	365	710	495	510	545	8,30
VAPAA FRAME CHAIR 4S W HB EA-XX BS-XX WT-R-XX CA	485	—	415	415	420	905	395	430	710	495	550	575	9,70
VAPAA FRAME CHAIR 4S W HB EA-XX BS-PD-XX/XX WT-R-XX CA	500	—	410	410	420	905	395	430	710	495	550	575	11,00
VAPAA FRAME CHAIR 4S UPH HB EA-XX BS-XX WT-R-XX CA	505	—	415	415	420	910	400	435	710	495	550	580	9,90
VAPAA FRAME CHAIR 4S W EA-XX BS-XX WT-R-XX CA	485	—	415	415	420	830	395	360	710	495	550	565	9,40
VAPAA FRAME CHAIR 4S W EA-XX BS-PD-XX/XX WT-R-XX CA	500	—	410	410	420	830	395	360	710	495	550	565	10,80
VAPAA FRAME CHAIR 4S UPH EA-XX BS-XX WT-R-XX CA	505	—	415	415	420	835	400	365	710	495	550	565	9,60

**A** – Seat height

**A1** – Seat height according to standard EN 16139

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Armrests height

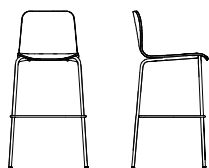
**K** – Base width

**V** – Overall width

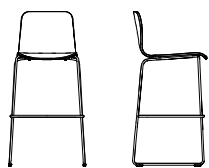
**L** – Overall depth

# Technical description

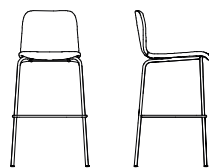
## 1.2. Bar stools



VAPAA FRAME CHAIR HKR 4L W



VAPAA FRAME CHAIR HKR CFS W



VAPAA FRAME CHAIR HKR 4L UPH



VAPAA FRAME CHAIR HKR CFS UPH



Model	Dimensions (mm)												Weight (kg)
	A	A1	B	C	D	E	F	G	H	K	V	L	
VAPAA FRAME CHAIR HKR 4L W E-XX BS-XX GD	745	—	415	415	400	1025	380	285	—	515	515	500	6,70
VAPAA FRAME CHAIR HKR 4L W E-XX BS-PD-XX GD	760	—	410	410	400	1025	380	285	—	515	515	500	8,80
VAPAA FRAME CHAIR HKR 4L UPH E-XX BS-XX GD	765	—	415	415	405	1030	385	290	—	515	515	505	7,40
VAPAA FRAME CHAIR HKR CFS W E-XX BS-XX GD	750	—	415	415	400	1030	380	285	—	515	515	500	8,80
VAPAA FRAME CHAIR HKR CFS W E-XX BS-PD-XX GD	765	—	410	410	400	1030	380	285	—	515	515	500	10,90
VAPAA FRAME CHAIR HKR CFS UPH E-XX BS-XX GD	770	—	415	415	405	1035	385	290	—	515	515	505	9,50

**A** – Seat height

**A1** – Seat height according to standard EN 16139

**B** – Seat depth

**C** – Seat surface depth

**D** – Seat width

**E** – Overall height

**F** – Backrest width

**G** – Backrest length

**H** – Armrests height

**K** – Base width

**V** – Overall width

**L** – Overall depth

## 2. Materials / Versions

### 2.1. Frame

#### 2.1.1. Frame chairs

4 legs – made of  $\varnothing 18 \times 2$  mm steel tube.

4 legs with armrests – made of  $\varnothing 18 \times 2$  mm steel tube, armrests integrated with frame, armrest pads made of black thermoplastic elastomer (TPE).

Cantilever – made of  $\varnothing 12$  mm steel rod.

Cantilever with armrests – made of  $\varnothing 12$  mm steel rod, armrests integrated with frame, armrest pads made of black thermoplastic elastomer (TPE).

Finish options:

- powder-coated in: Traffic white RAL 9016 (WT), Jet black RAL 9005 (BL), White aluminium RAL 9006 (WA) colour and in Fashion collection colours,
- chromium plated (CR).

Stacking:

- 4 legs without writing tablet and cantilever – up to 6 pcs,
- 4 legs with writing tablet – non-stackable.

4-star – with  $\varnothing 643$  mm diameter made of  $\varnothing 18 \times 2,5$  mm steel tube.

4-star with armrests – with  $\varnothing 643$  mm diameter made of  $\varnothing 18 \times 2,5$  mm steel tube, armrests integrated with frame, armrest pads made of black thermoplastic elastomer (TPE).

Finish options:

- powder-coated in: Traffic white RAL 9016 (WT), Jet black RAL 9005 (BL), White aluminium RAL 9006 (WA) colour and in Fashion collection colours,

Stacking:

- non-stackable.

#### 2.1.2. Bar stools

4 legs – legs made of  $\varnothing 18 \times 2$  mm steel tube, footrest made of  $\varnothing 12$  mm steel rod.

Cantilever – legs and footrest made of  $\varnothing 12$  mm steel rod.

Finish options:

- powder-coated in: Traffic white RAL 9016 (WT), Jet black RAL 9005 (BL), White aluminium RAL 9006 (WA) colour and in Fashion collection colours,
- chromium plated (CR).

Stacking:

- non-stackable.

#### 2.1.3. Connectors

Connectors available for frame chairs on 4 legs only, not available for version with castors.

Row clamp for chairs – made of black plastic.

Row connector – made of steel powder-coated in Jet black (RAL 9005) colour.

Possibility of mounting to the floor, row distance adjustment: 460–520 mm.

### 2.2. Castors / Glides

#### 2.2.1. Frame chairs

##### 4-leg frame

Plastic glides in black colour as standard or with felt as an option.

Castors -  $\varnothing 37$  mm for soft or hard floors, both as an option.

##### Cantilever frame

Transparent plastic glides as standard or with felt as an option.

##### 4-star frame

Castors –  $\varnothing 50$  mm for soft floors as standard or for hard floors as an option.

#### 2.2.2. Bar stools

##### 4-leg frame

Plastic glides in black colour as standard or with felt as an option.

##### Cantilever frame

Transparent plastic glides as standard or with felt as an option.

### 2.3. Seat and backrest

#### 2.3.1. Frame chairs

Low plywood shell – made of beech plywood, thickness 10,5 mm.

Finish options:

- natural or stained beech,,
- laminated (visible plywood edges protected with wax).

Low upholstered shell – structure made of plywood shell, thickness 10,5 mm. Front part covered with flame retardant cut foam, thickness 20 mm, density 25 kg/m<sup>3</sup>, back part covered with flame retardant cut foam, thickness 10 mm, density 25 kg/m<sup>3</sup>.

Finish options:

- one-piece upholstery.

High plywood shell – made of beech plywood, thickness 10,5 mm.

Finish options:

- natural or stained beech,
- natural or stained beech, with upper and lower upholstered pads for seat and backrest – pad structure made of beech plywood, thickness 4 mm, covered with flame retardant cut foam, thickness 15 mm, density 25 kg/m<sup>3</sup>,
- laminated (visible plywood edges protected with wax).

High upholstered shell – structure made of plywood shell, thickness 10,5 mm. Front part covered with flame retardant cut foam, thickness 20 mm, density 25 kg/m<sup>3</sup>, back part covered with flame retardant cut foam, thickness 10 mm, density 25 kg/m<sup>3</sup>.

Finish options:

- one-piece upholstery,
- two-piece upholstery (possibility of selecting different upholstery colours of the same type).

#### 2.3.2. Bar stools

Low plywood shell – made of beech plywood, thickness 10,5 mm.

Finish options:

- natural or stained beech,
- natural or stained beech with one-piece upholstered pad for seat and backrest – pad structure made of beech plywood, thickness 4 mm, covered with flame retardant cut foam, thickness 15 mm, density 25 kg/m<sup>3</sup>,
- laminated (visible plywood edges protected with wax).

Low upholstered shell – structure made of beech plywood, thickness 10,5 mm. Front part covered with flame retardant cut foam, thickness 20 mm, density 25 kg/m<sup>3</sup>, back part covered with flame retardant cut foam, thickness 10 mm, density 25 kg/m<sup>3</sup>.

Finish options:

- one-piece upholstery.

### 2.4. Writing tablet

Tablet top made of laminated plywood, thickness 10,5 mm (visible plywood edges protected with wax).

Tablet arm integrated with frame chair armrest:

- 4 legs – not available for version with castors,
- 4-star base.

## 3. Packaging

#### Frame chairs without writing tablet on 4-leg and cantilever base

Chair assembled, cardboard packaging (PACK-ASM), 4 pcs. in cardboard – as standard.

#### Frame chairs with writing tablet on 4-leg and cantilever base

Chair partially assembled, cardboard packaging (PACK-A), 4 pcs. in cardboard – as standard.

#### Chairs on 4-star frame with or without writing tablet

Chair partially assembled, cardboard packaging (PACK-A), 1 pc. in cardboard – as standard.

Chair partially assembled, compact cardboard packaging (dimensions suitable for courier delivery) (PACK-A1), 1 pc. in cardboard – as an option.

#### Bar stools

Chair assembled, cardboard packaging (PACK-ASM), 1 pc. in cardboard – as standard.

## 4. Technical regulations, approvals and quality marks for the chairs (for selected product configurations)

- GS Safety Certificate (pending),
- Durability Certificate compliant with EN 16139 (pending),
- Product fulfils the FSC®(FSC-C120977) requirements.

