

NEW FREEDOM IN MOTION. FREE.

THE HÄFELE FLAP FITTING ASSORTMENT.

ENGINEERED
BY HÄFELE







SLIMMER

LIGHTER

SIMPLER

THE ELEGANCE OF OPENING.

FLAPS FOR **MAXIMUM
FREEDOM IN MOTION.**
ENGINEERED BY HÄFELE.

The fittings included in the Free family give flaps unfettered freedom in movement. This opens up the opportunities in the appearance and functional design of furniture which could never could be imagined with regular, hinged doors. Flap fittings give the furniture and rooms an uncommon sense of elegance and lightness. It doesn't matter whether a flap is lifted, tilted, swiveled or folded—it immediately provides added value and unparalleled functionality.

More than 90 years of experience with furniture fittings, engineering expertise and a close connection to the market have led to the development of this product family. The Free family of products allows for greater creative freedom in design and near infinite choice of material, all while increasing the ease of installation and convenient, reliable operation for many years to come.

INTELLIGENT USE OF SPACE.

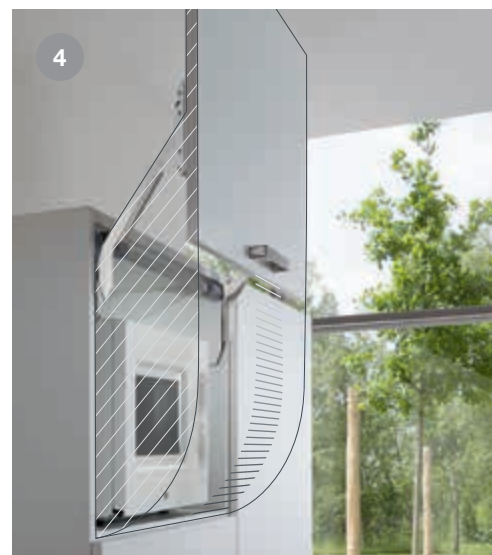
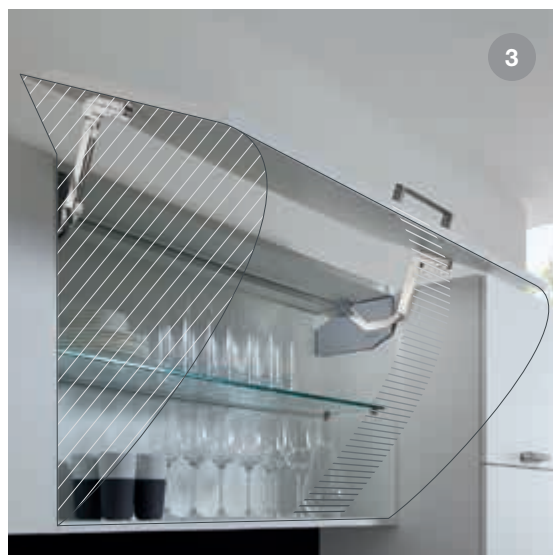
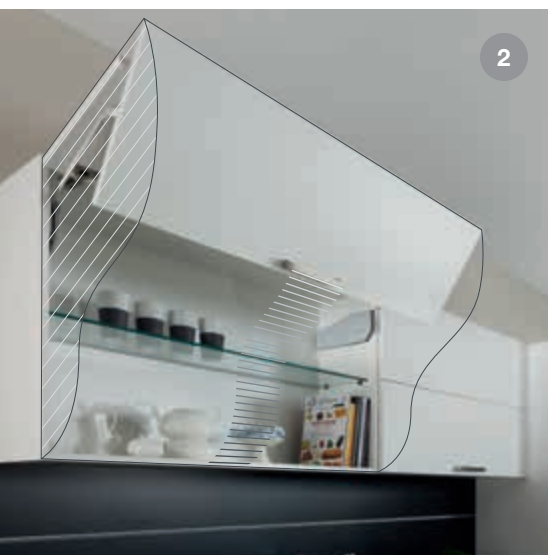
MORE DESIGN FREEDOM MORE APPLICATION POSSIBILITIES.
ENGINEERED BY HÄFELE.

Large fronts need a lot of room to move using conventional types of opening. The Free fittings vary the flap opening geometry in a creative way. So that the type of opening is geared to the amount

of available space or is suitable for the intended application. And that the main focus is on the customer and their individual needs, and not the technology.



1



1. Free flap

Classic opening with opening angles of 90° and 107° for flaps with medium to low height. Less space required above. Compact dimensions for cabinets low in depth. Available in two models depending on the weight of the flap.

2. Free fold

Ideal for flaps with higher fronts. Less space required in the room when opening, and little space required above. The handle is reachable at all times. Interesting front design options.

3. Free swing

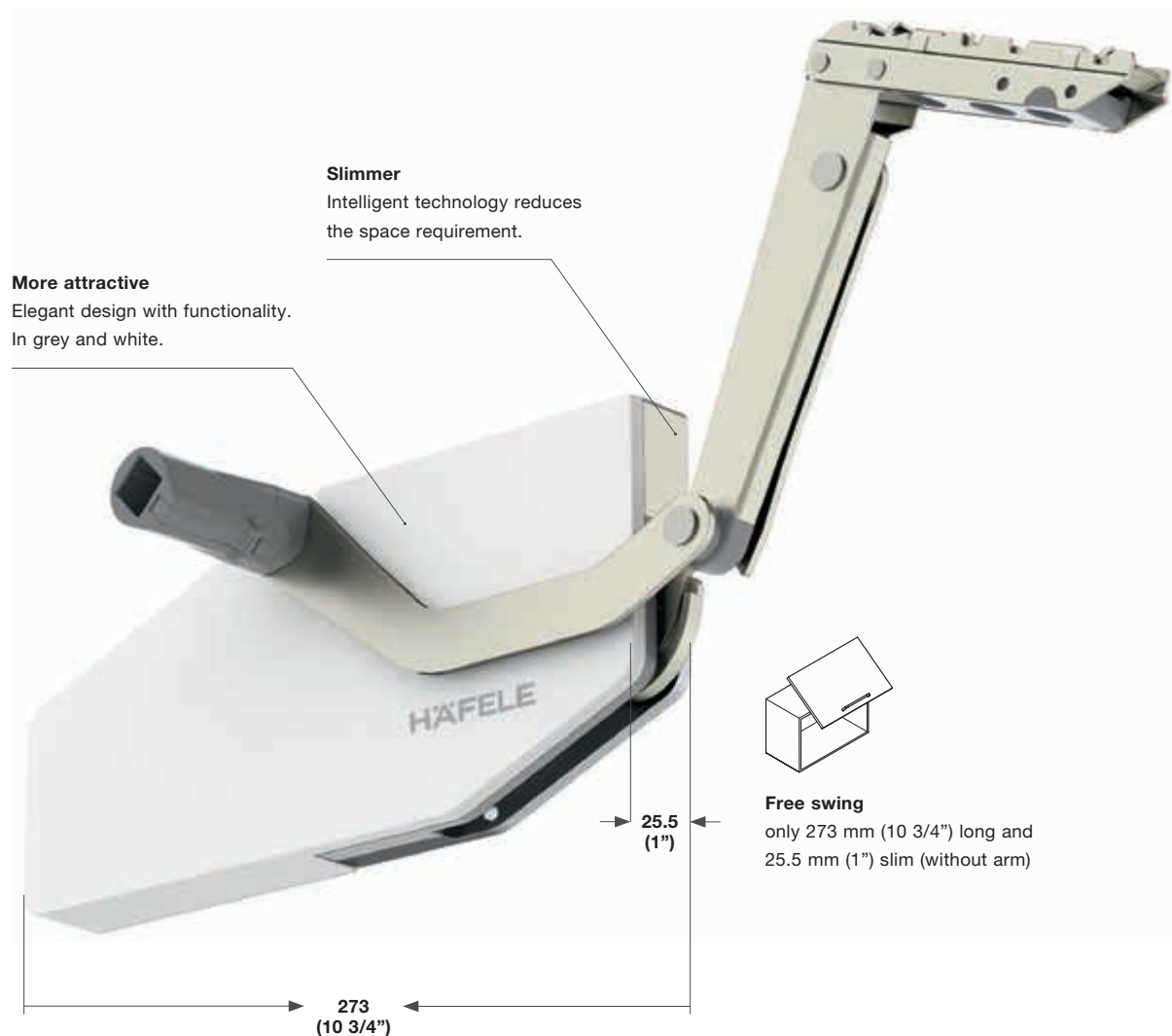
Elegant motion geometry. Swivels around cornice profiles and top-mounted lights. Extremely suitable for large flaps. Cabinet contents are extremely easy to access.

4. Free up

Hardly any space required in the room toward the front. Can be used in combination with upper-mounted cabinets or front panels. Creates practical storage compartments in tall cabinets, e.g. for electrical equipment. Cabinet contents are extremely easy to access.

REDUCTION WITH CONSIDERABLE FUNCTIONALITY.

SPACE-SAVING DESIGN. ENGINEERED BY HÄFELE.



Free fittings are hinge and lid stay in one—which reduces not just the amount of space that the hardware requires in the cabinet but it also looks significantly more elegant. The force development of the 3-spring system and the motion geometry of the fittings have been consistently developed, which has made the housings noticeably slimmer. A discreet appearance in the background.

The stylish covers with matt finish are available in discreet grey and white. The Häfele logo, applied using high-quality printing technology, can be replaced with customer-specific logos.

Free fittings also open up new design options. All-glass front panels, different material thicknesses or mix of materials are possible at any time with Free fold.

SLIMMER

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More room—slimline, discreet fittings increase the amount of usable space in the interior.
More design freedom—Free fittings make it possible to have many different front materials.



Free flap 1.7:

only 108 mm (4 1/4") long
and 36 mm (1 7/16") slim

Free flap 3.15:

only 131 mm (5 5/32") long
and 36 mm (1 7/16") slim

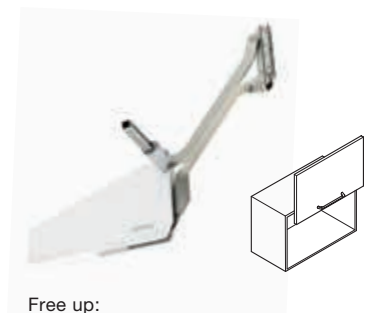


Free fold:

only 288 mm (11 11/32") long and
25.5 mm (1") slim

Free fold short:

only 270 mm (10 5/8") long
and 25.5 mm (1") slim



Free up:

only 277 mm (10 29/32") long and
25.5 mm (1") slim

ADDED VALUE FOR EVERYDAY LIFE.

EASIER OPERATION WITH **COMFORT**. ENGINEERED BY HÄFELE.

The main focus of development was on maximum benefit for the customer. Easier operation quickly became topic number one. Häfele has created new standards for the Free family. Free turns opening and closing a cabinet into an experience.

1. FEATHER-LIGHT MOVEMENT

The flaps can be moved with a minimum amount of effort. When opening or closing. Even with heavy flaps.



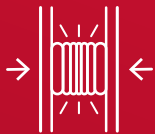
SLIMMER

LIGHTER

SIMPLER

2. SOFT OPENING AND CLOSING

Undampened stops are a thing of the past. The final movement is soft and silent in both directions.



3. MULTI-POSITION STOP

The flaps are held reliably in any position, regardless of the flap weight. Making the handle reachable at all times.



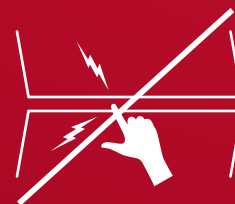
4. PUSH-TO-OPEN (FLAP)

For front panels without handles.
A gentle push of the bottom of the flap opens the flap by several inches (optional) for easy handling of the flap.



5. SAFETY-STOP (FOLD)

The connecting hinge of the Free fold features a quick-release finger protection. Safety first.



AS EASY AS PIE.

QUICKER INSTALLATION SAVES TIME. ENGINEERED BY HÄFELE.

An impressive advantage of the Free family is the globally unique, simple and quick installation. From one-handed installation and screw fixing of the fittings

to clip-on mounting of the flaps, all working steps are optimized in such a way that the installer saves a noticeable amount of time—for more efficiency.



PLEXIGLASS DRILLING TEMPLATES

Precise locating of the drill holes is made easier using hardened inserts.

DRILLING JIG ITEM NUMBERS

Free flap side panel:	372.91.023
Free fold side panel:	372.37.050
Free up side panel:	372.33.050
Free swing side panel:	372.34.050
Free flap, Free fold, Free up, Free swing front panel:	372.64.893
Jig for connecting hinge:	372.61.798
5 mm drill bit:	001.25.792

UNIQUE PLUGS

For installing the fitting with a secure hold with one hand.



SLIMMER

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SIMPLER

PRE-MOUNTED EURO SCREWS

Incorporated in the fitting now just screw in.



GLOBALLY UNIQUE

CAN BE INSTALLED
WITH ONE HAND!

ENGINEERED
BY **HÖFELE**



SYMMETRICAL SCREW-ON BRACKETS

For torsion-free fixing.

INSTALLATION WITH CLIP-ON SYSTEM

Flap mounting is simple and secure. Dismantling is also done without tools.

CONVENIENT ADJUSTMENT

The holding power of the fitting is adjusted
using simple access from the front.
The same applies to the optimum gap
pattern—in three dimensions.





FREE FLAP.

HINGE AND LID STAY IN ONE.

- Opening angles of 90° and 107°
- Compact dimensions for cabinets with depths starting at 109 mm (4 5/16")
- Version 1.7 for flaps up to 450 mm (17 23/32") height
- Version 3.15 for flaps up to 650 mm (25 19/32") height
- Cover cap for 3.15 is also suitable for 1.7 (harmonious appearance in interior)
- Extremely suitable in combination with cornices
- Push-to-open feature for front panels without handles
- All of the advantages of the Free family

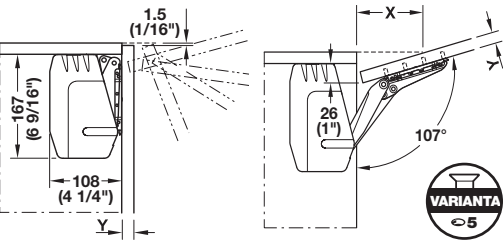


FREE FLAP.

TECHNICAL DATA.



1 Free flap 1.7 fitting set



- For small one-piece wood or aluminum frame doors
 - Optional opening angle restraint (required for face frame full overlay applications)
- Material: Fitting: Steel; Finish: nickel-plated
Cover Cap: Plastic; Color: gray RAL 7035

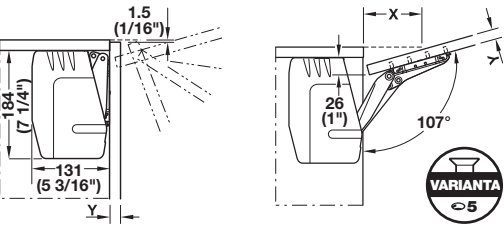
Model	Item No.
A	372.91.320
B	372.91.321
C	372.91.322



Sample measurements table for max. door weight in lbs.

Model/ Door Height	A		B		C	
	Min.	Max.	Min.	Max.	Min.	Max.
8"	3.7	10.1	7.9	17.4	15	32.3
9"	3.3	9.0	6.8	15.6	13.2	28.8
10"	2.9	8.4	6.4	14.1	11.9	26.0
11"	2.6	7.3	5.5	12.5	10.6	23.3
12"	2.4	6.8	5.3	11.2	9.7	21.1
13"	2.2	6.2	4.6	10.1	8.8	19.4
14"	2.0	5.7	4.4	9.2	8.1	17.8
15"	2.0	5.1	4.2	8.4	7.7	16.5
16"	1.8	4.6	3.7	7.9	7.0	15.4
17"	1.5	4.1	3.3	7.4	6.3	14.3
18"	1.3	3.7	3.0	7.0	5.9	13.4

2 Free flap 3.15 fitting set



- For large one-piece wood or aluminum frame doors
 - Built-in opening angle adjustment for 90° or 107° opening
- Material: Fitting: Steel; Finish: nickel-plated
Cover Cap: Plastic; Color: gray RAL 7035

Model	Item No.
D	372.91.330
E	372.91.331
F	372.91.332
G	372.91.333



Sample measurements table for max. door weight in lbs.

Model/ Door Height	D		E		F		G	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
14"	11.4	24.2	14.7	31.4	22.2	47.0	29.7	60.0
15"	10.7	22.4	13.8	28.8	20.6	43.5	27.5	55.4
16"	10.3	21.1	13.0	27.3	19.6	40.9	26.0	51.3
17"	9.7	19.8	12.3	25.5	18.3	38.3	24.2	48.0
18"	9.0	18.5	11.4	24.0	17.2	35.9	22.9	45.1
19"	8.6	17.6	10.8	22.7	16.3	33.9	21.6	42.5
20"	8.1	16.5	10.3	21.3	15.4	32.1	20.2	40.3
21"	7.7	15.6	9.7	20.2	14.5	30.6	19.4	38.1
22"	7.3	15.0	9.2	19.4	13.9	29.0	18.3	36.3
23"	7.0	14.3	8.8	18.5	13.2	27.5	17.6	34.3
24"	6.6	13.6	8.4	17.6	12.5	26.4	16.7	33.0
25"	6.1	12.9	7.9	16.7	11.8	25.3	15.8	31.6
26"	5.7	12.3	7.4	16.0	11.6	24.2	15.1	30.8

3

Overlay Cabinet Bracket Kit

- For use with Free Flap 1.7 and 3.5
- L x W x H: 120 x 67 x 17 mm (4 3/4" x 2 5/8" x 11/16")
Material: Steel

Finish	Item No.
gray	372.29.400

4

Inset Cabinet Bracket Kit

- For use with Free Flap 1.7 and 3.5
- L x W x H: 151 x 85 x 17 mm (5 15/16" x 3 3/8" x 11/16")
Material: Steel

Finish	Item No.
gray	372.29.401

5

Full Overlay Door Bracket, optional

- For use with Free Flap 1.7 and 3.5
 - Allows for the use of 5 panel doors in a face frame full overlay application
 - Unhanded
- L x W x H: 114 x 42 x 11.4 mm (4 1/2" x 1 5/8" x 7/16")
Material: Steel

Finish	Item No.
nickel-plated	372.29.402

6

Opening Angle Restraint, optional for Free Flap 1.7

- For limiting opening angle of 107° to 90°
- Material: Plastic

Color	Item No.
black	372.91.499



FREE FOLD.

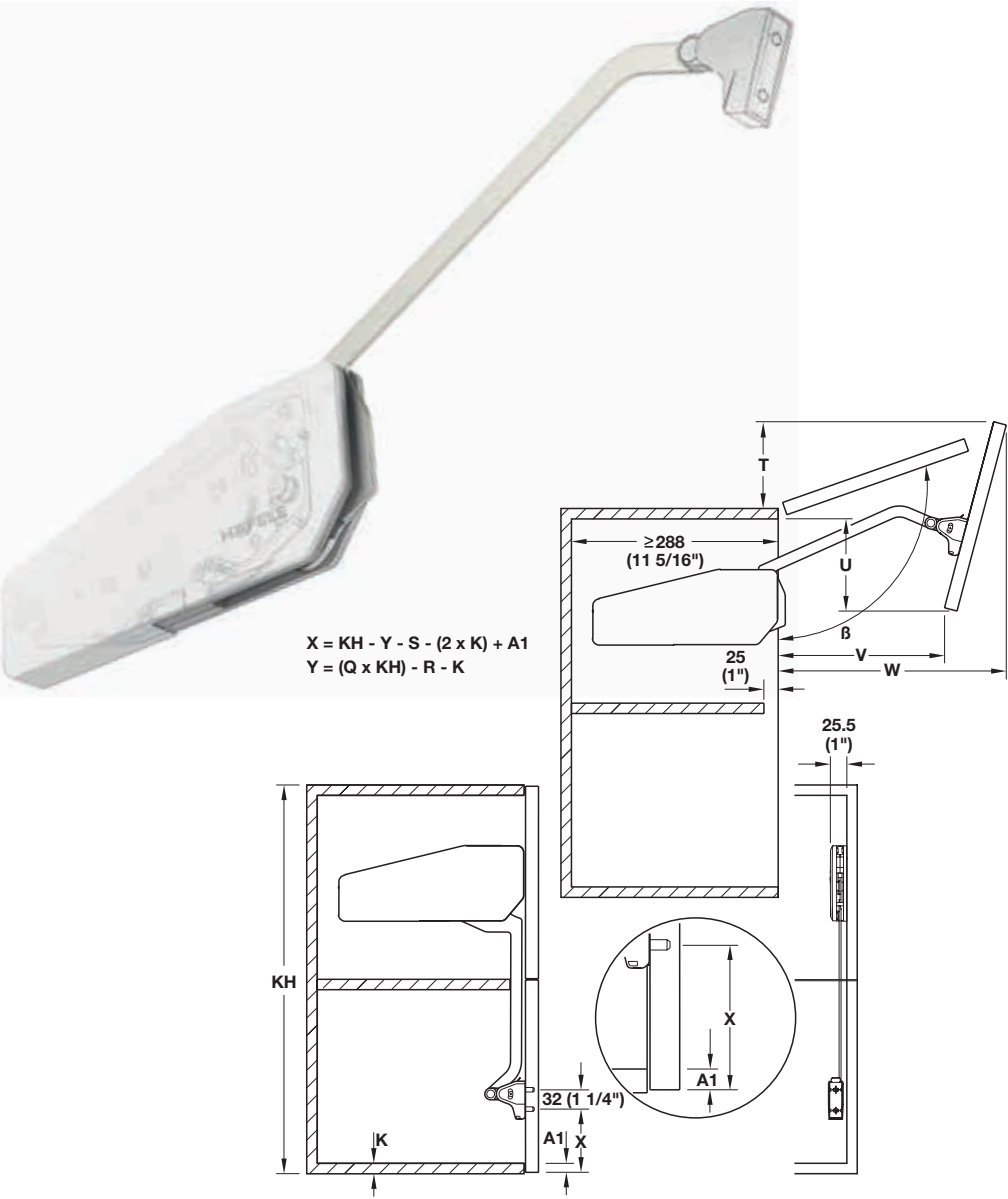
MINIMAL SPACE REQUIREMENT.

- Minimal space required inside the room
- For cabinet depths of 270 mm (10 5/8") and above
- For doors up to 1,067 mm (42") in height and weighing up to 12.3 kg (27 lbs.)
or up to 590 mm (23 1/4") in height and weighing up to 23.3 kg (51 lbs.)
- Flap front panel material combinations possible
- All of the advantages of the Free family



FREE FOLD.

TECHNICAL DATA.



Cabinet Height KH	β°	Q	R	S	T	U	V	W
580-650	$\approx 108-95$	1.2	589	377	119-40	126-197	227-207	375-430
650-730	$\approx 107-94$	1.2	664	409	124-38	147-224	238-215	411-470
710-790	$\approx 108-95$	1.2	736	439	136-46	161-233	250-219	439-500
770-840	$\approx 108-95$	1.0	644	467	146-43	179-223	267-200	466-527
840-910	$\approx 108-98$	1.2	882	501	154-70	195-248	272-231	502-559
910-970	$\approx 107-98$	1.1	865	533	160-78	214-246	282-225	536-588
960-1010	$\approx 107-100$	1.1	915	557	170-99	228-251	295-240	560-605
1000-1067	$\approx 107-102$	1.1	954	576	177-120	239-256	306-256	578-616

Double Door Lift-up Fitting

- For 2-piece wood or aluminum frame doors of equal size
 - Even high front panels can be lifted up in a space-saving way
 - Modern design with clear-cut contours.
 - Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism for ease in operation
 - Time-saving assembly provided by tabs, pre-mounted Euro screws and clip mounting of front panel.
- Adjustment facility: Height/side/depth of top panel (via concealed hinge) and lower panel (via connecting hinge), holding power (via fitting).
- Material: Fitting: Plastic, Steel; Cover Cap: Plastic; Finish/Color: Fitting: nickel-plated; Cover Cap: gray

Combined Door height	Combined Door weight lbs.	Model	Item No.
580–650 (22 13/16"–25 9/16")	4.8–9.7	E1fo	372.37.530
	9.5–19.4	E3fo	372.37.532
	13.2–26.8	E4fo	372.37.533
	23.3–46	E5fo	372.37.534
650–730 (25 9/16"–28 3/4")	8.6–17.4	F3fo	372.37.542
	12.8–25.5	F4fo	372.37.543
	20.9–41.1	F5fo	372.37.544
710–790 (27 15/16"–31 1/8")	7.7–15.8	G3fo	372.37.552
	11.4–22.7	G4fo	372.37.553
	19.1–37.8	G5fo	372.37.554
770–840 (30 5/16"–33 1/16")	10.8–21.6	H4fo	372.37.563
	17.6–34.1	H5fo	372.37.564
840–910 (33 1/16"–35 13/16")	9.9–19.8	I4fo	372.37.573
	16.1–32.1	I5fo	372.37.574
910–970 (35 13/16"–38 3/16")	9.2–17.6	J4fo	372.37.583
	15–29.7	J5fo	372.37.584
960–1010 (37 13/16"–39 3/4")	8.6–16.7	K4fo	372.37.593
	14.3–28.2	K5fo	372.37.594
1000–1067 (39 3/8"–42")	13.6–27.1	L5fo	372.37.599

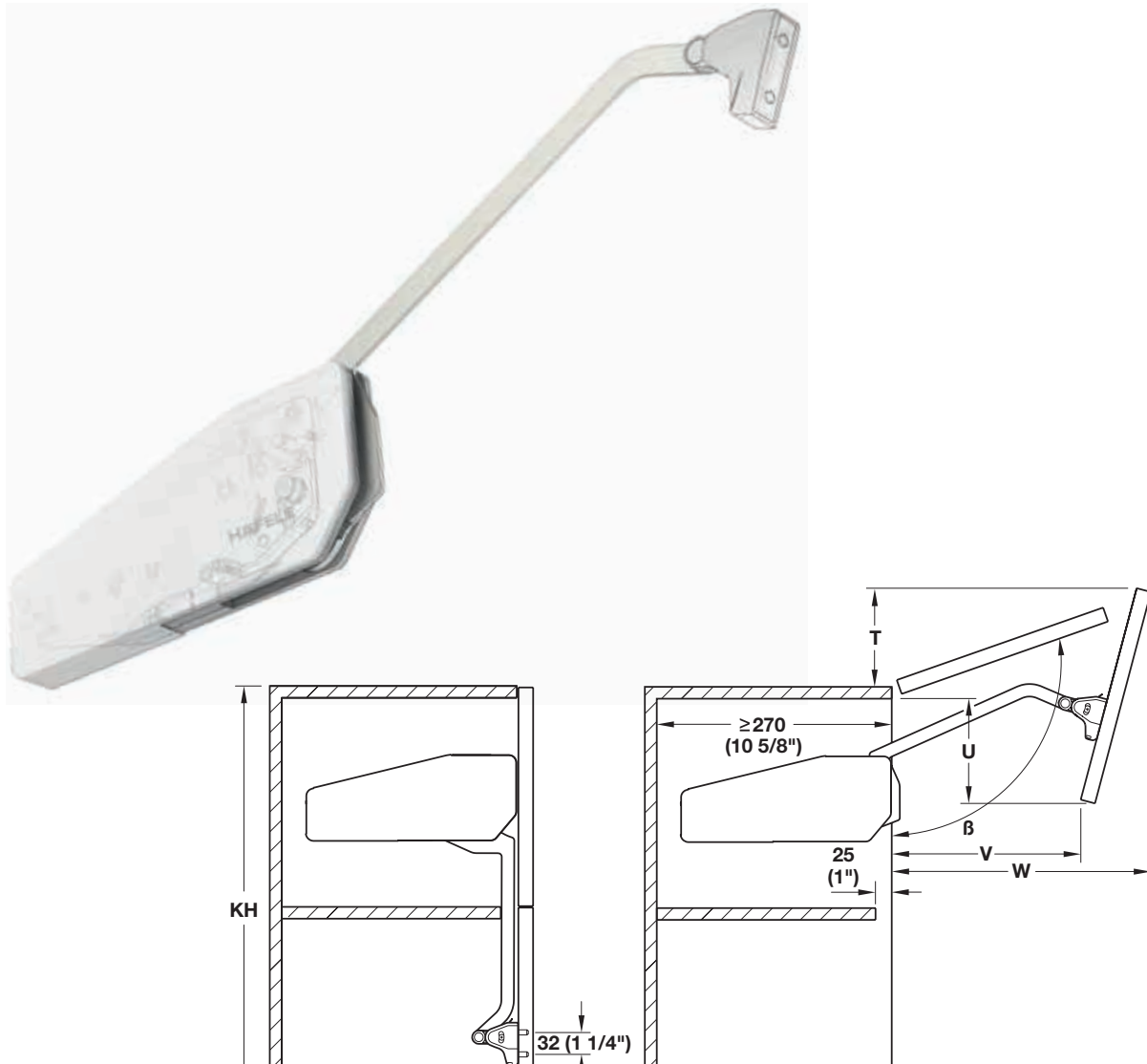
Note

Concealed hinges for mounting the door to the cabinet, connecting hinges and adapters for narrow aluminum frames (if applicable) must be ordered separately. The specified models apply to common door heights and weights. Shorter front panels with higher door weights and taller front panels with lower door weights can also be implemented in individual cases.



FREE FOLD SHORT.

TECHNICAL DATA.



Cabinet Height KH	β°	Q	R	S	T	U	V	W
580-650	$\approx 108-95$	1.2	589	377	119-40	126-197	227-207	375-430
650-730	$\approx 107-94$	1.2	664	409	124-38	147-224	238-215	411-470
710-790	$\approx 108-95$	1.2	736	439	136-46	161-233	250-219	439-500
770-840	$\approx 108-95$	1.0	644	467	146-43	179-223	267-200	466-527
840-910	$\approx 108-98$	1.2	882	501	154-70	195-248	272-231	502-559
910-970	$\approx 107-98$	1.1	865	533	160-78	214-246	282-225	536-588
960-1010	$\approx 107-100$	1.1	915	557	170-99	228-251	295-240	560-605
1000-1067	$\approx 107-102$	1.1	954	576	177-120	239-256	306-256	578-616

Double Door Lift-up Fitting

- Shorter housing depth is beneficial in inset applications
- For 2-piece wood or aluminum frame doors of equal size
- Even high front panels can be lifted up in a space-saving way
- Modern design with clear-cut contours
- Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism for ease in operation
- Time-saving assembly provided by tabs, pre-mounted Euro screws and clip mounting of front panel

Adjustment facility: Height/side/depth of top panel (via concealed hinge) and lower panel (via connecting hinge), holding power (via fitting).

Material: Fitting: Plastic, Steel; Cover Cap: Plastic; Finish/Color: nickel-plated, gray

Combined Door height	Combined Door weight lbs.	Model	Item No.
580–650 (22 13/16"–25 9/16")	4.8–9.7	E1fo	372.38.530
	9.5–19.4	E3fo	372.38.532
	13.2–26.8	E4fo	372.38.533
	23.3–46	E5fo	372.38.534
650–730 (25 9/16"–28 3/4")	8.6–17.4	F3fo	372.38.542
	12.8–25.5	F4fo	372.38.543
	20.9–41.1	F5fo	372.38.544
710–790 (27 15/16"–31 1/8")	7.7–15.8	G3fo	372.38.552
	11.4–22.7	G4fo	372.38.553
	19.1–37.8	G5fo	372.38.554
770–840 (30 5/16"–33 1/16")	10.8–21.6	H4fo	372.38.563
	17.6–34.1	H5fo	372.38.564
840–910 (33 1/16"–35 13/16")	9.9–19.8	I4fo	372.38.573
	16.1–32.1	I5fo	372.38.574
910–970 (35 13/16"–38 3/16")	9.2–17.6	J4fo	372.38.583
	15–29.7	J5fo	372.38.584
960–1010 (37 13/16"–39 3/4")	8.6–16.7	K4fo	372.38.593
	14.3–28.2	K5fo	372.38.594
1000–1067 (39 3/8"–42")	13.6–27.1	L5fo	372.38.599

Note

Concealed hinges for mounting the door to the cabinet, connecting hinges and adapters for narrow aluminum frames (if applicable) must be ordered separately. The specified models apply to common door heights and weights. Shorter front panels with higher door weights and taller front panels with lower door weights can also be implemented in individual cases.



FREE UP.

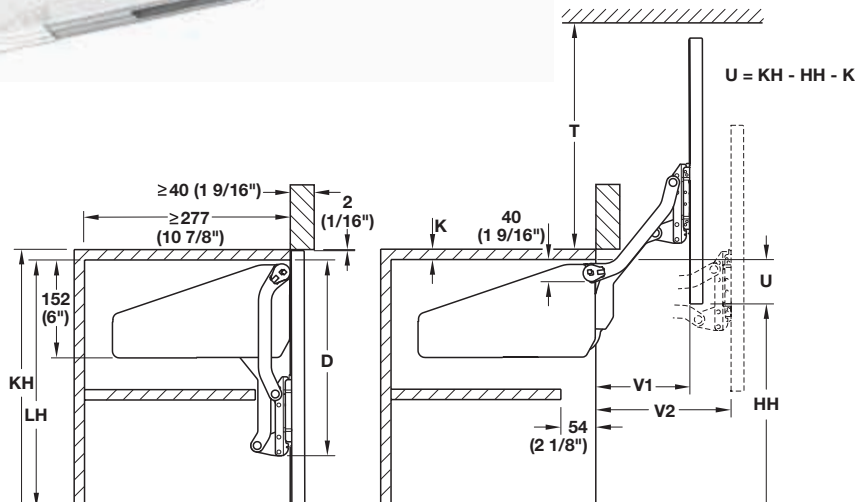
MAXIMUM ACCESS TO CABINET.

- Hardly any space required in the room towards the front
- Can be used in combination with upper-mounted cabinets or front panels
- For cabinet depths from 277 mm (10 29/32") and above
- For flaps up to 600 mm (23 5/8") in height and weighing up to 14.6 kg (32 lbs.) or up to 420 mm (16 17/32") in height and up to 19.6 kg (43 lbs.)
- All of the advantages of the Free family



FREE UP.

TECHNICAL DATA.



Sample measurement table for choosing the correct model.

Cabinet height KH	X	D	LH	HH	T	V1	V2
320-360	157	274.5	>280	278	>281	128	177
345-420	185	302.5	>308	328	>333	146	205
380-500	220	337.5	>343	390	>393	168	240
430-600	265	382.5	>388	470	>473	196	284

Parallel Lift-up Front Fitting

- For one-piece wood, glass or aluminum frame doors
 - Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism
- Adjustment facility: Height adjustment ± 1.5 mm, side adjustment ± 1.5 mm, tilting angle $\pm 1.5^\circ$, holding power
 Material: Fitting: Plastic, Steel; Cover Cap: Plastic
 Finish/Color: nickel-plated, gray

Door height	Door weight lbs.	Model	Item No.
320–360 (12 5/8"–14 3/16")	6.6–12.5	O1us	372.33.500
	10.6–20.5	O2us	372.33.501
	19.1–36.3	O3us	372.33.502
345–420 (13 9/16"–16 9/16")	5.3–10.6	P1us	372.33.510
	9–17.6	P2us	372.33.511
	16.3–30.8	P3us	372.33.512
	24.2–43.1	P4us	372.33.513
380–500 (14 15/16"–19 11/16")	4.4–8.4	Q1us	372.33.520
	7.5–14.7	Q2us	372.33.521
	13.9–26	Q3us	372.33.522
	20.5–38.3	Q4us	372.33.523
430–600 (16 15/16"–23 5/8")	3.5–7.3	R1us	372.33.530
	5.7–12.1	R2us	372.33.531
	11–21.3	R3us	372.33.532
	16.3–32.1	R4us	372.33.533

Note

Cross bar and adapters for glass front panels or narrow aluminum frames (if applicable) must be ordered separately. Use two Free Up sets for door widths >1800 mm (70 7/8").

Full Overlay Door Bracket, optional



- Allows for the use of 5 panel doors in a face frame full overlay application
 - Unhanded
- L x W x H: 114 x 42 x 11.4 mm (4 1/2" x 1 5/8" x 7/16")
 Material: Steel

Finish	Item No.
nickel-plated	372.29.402

Overlay Cabinet Bracket kit



- Allows for overlay door mounting in a face frame cabinet
 - Use in wall or corner appliance garage cabinets
- L x W x H: 273 x 151 x 50 mm (10 3/4" x 6" x 2")
 Material: Steel

Finish	Item No.
gray	372.29.118

Cross Bar



- Cutting dimension = internal cabinet width – 88 mm (3 7/16")
- Material: Aluminum; Finish: brushed anodized

Cabinet width	Length	Item No.
600 (23 5/8")	474 (18 11/16")	372.33.692
900 (35 7/16")	774 (30 1/2")	372.33.694
1200 (47 1/4")	1074 (42 5/16")	372.33.696
1800 (70 7/8")	1674 (65 7/8")	372.33.698

Note

Cross bar is prepared for side panel thicknesses 16 – 19 mm (5/8" – 3/4").



FREE SWING.

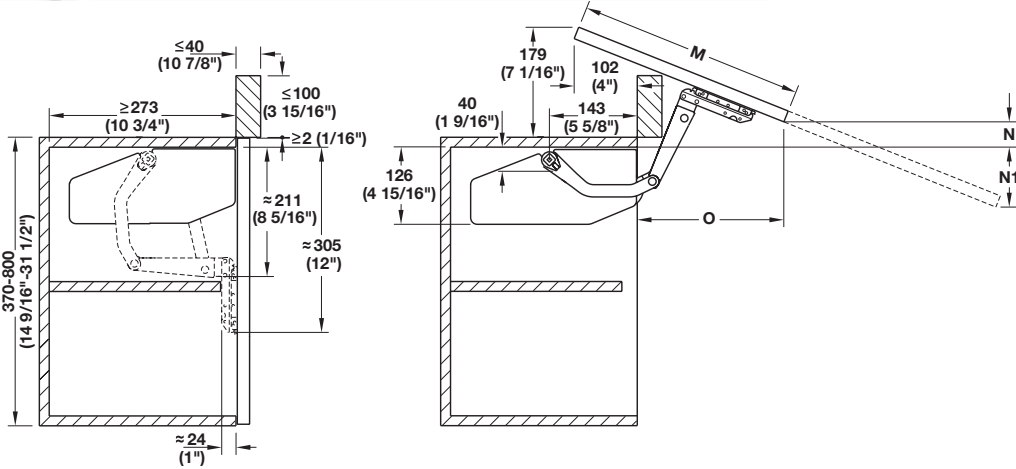
ELEGANT MOTION IN THE ROOM.

- Swivels around cornice profiles and top-mounted lights
- Extremely suitable for large flaps
Cabinet contents are extremely easy to access
- For cabinet depths from 273 mm (10 3/4") and above
- For flaps up to 800 mm (31 1/2") in height and weighing up to 15.3 kg (34 lbs.)
or up to 670 mm (26 3/8") in height and weighing up to 17.1 kg (38 lbs.)
- All of the advantages of the Free family



FREE SWING.

TECHNICAL DATA.



Sample door sizes for planning

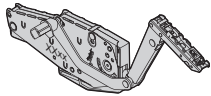
M	N	N1	O
366 (14 7/16")	40 (1 9/16")	–	237.4 (9 3/8")
396 (15 9/16")	28.9 (1 1/8")	–	265.3 (10 7/16")
446 (17 9/16")	10.3 (3/8")	–	311.7 (12 1/4")
496 (19 1/2")	–	8.3 (5/16")	358.1 (14 1/8")
546 (21 1/2")	–	26.9 (1 1/16")	404.6 (15 15/16")
596 (23 7/16")	–	45.4 (1 13/16")	451 (17 3/4")
646 (25 7/16")	–	64 (2 1/2")	497.4 (19 9/16")
666 (26 1/4")	–	71.4 (2 13/16")	516 (20 5/16")
696 (27 3/8")	–	82.6 (3 1/4")	543.8 (21 7/16")
746 (29 3/8")	–	101.2 (4")	590.2 (23 1/4")
796 (31 5/8")	–	119.7 (4 11/16")	636.7 (25 1/16")

Free Swing Parallel Lift-up Front Fitting

- For one-piece wood, glass or aluminum frame doors
- Full access to the cabinet contents; Ideal for large front panels
- Minimum opening resistance, multi-position stop function and soft opening and soft closing mechanism for ease of operation

Adjustment facility: Height adjustment ± 1.5 mm, side adjustment ± 1.5 mm, tilting angle $\pm 1.5^\circ$, holding power
Material: Fitting: Plastic, Steel; Cover Cap: Plastic; Finish/Color: nickel-plated, gray

Door height mm	Door weight lbs.	Model	Item No.
320–360 (12 5/8"–14 3/16")	6.6–12.5	O1us	372.34.500
	10.6–20.5	O2us	372.34.501
	19.1–36.3	O3us	372.34.502
345–420 (13 9/16"–16 9/16")	5.3–10.6	P1us	372.34.510
	9–17.6	P2us	372.34.511
	16.3–30.8	P3us	372.34.512
	24.2–43.1	P4us	372.34.513
380–500 (14 15/16"–19 11/16")	4.4–8.4	Q1us	372.34.520
	7.5–14.7	Q2us	372.34.521
	13.9–26	Q3us	372.34.522
	20.5–38.3	Q4us	372.34.523
430–600 (16 15/16"–23 5/8")	3.5–7.3	R1us	372.34.530
	5.7–12.1	R2us	372.34.531
	11–21.3	R3us	372.34.532
	16.3–32.1	R4us	372.34.533



Model	S1sw	S2sw	S3sw	S4sw	S5sw	S6sw	S7sw	S8sw	S9sw
Door height	Flap weight lbs.								
370–500 (14 9/16"– 19 11/16")	4–7 lbs.	–	–	7–12 lbs.	–	–	11–19 lbs.	–	–
500–670 (19 11/16"– 26 3/8")	–	6–10 lbs.	–	–	10–19 lbs.	–	–	18–30 lbs.	–
670–800 (26 3/8"– 31 1/2")	–	–	7–12 lbs.	–	–	12–22 lbs.	–	–	18–33 lbs.

Full Overlay Door Bracket, optional



- Allows for the use of 5 panel doors in a face frame full overlay application
 - Unhanded
- L x W x H: 114 x 42 x 11.4 mm (4 1/2" x 1 5/8" x 7/16")
Material: Steel

Finish	Item No.
nickel-plated	372.29.402



DUO AND MAXI.

FLAP FITTINGS FOR MULTIPLE APPLICATIONS.



DUO

- > Lid stay and flap stay in one
- > Duo standard and forte for flap heights of 200 to 700 mm (7 7/8" x 27 9/16")
- > 3 different colors: nickel-plated, white and black
- > Minimal space required inside the cabinet; max. depth x width: 172 x 25 mm (6 3/4" x 1")
- > Multi-position stop, adjustable force
- > Touch opening: Slight pressure on the bottom of the front opens the flap slightly, for easy opening and closing by hand*



MAXI

- > Compact, strong flap fitting with multiple application possibilities
- > Effortless flap opening of even heavy front panels weighing up to 50 kg (110 lbs.)
- > 3 different colors: nickel-plated, white and black
- > Minimal space required inside the cabinet
max. depth x width: 184 x 26 mm (7 1/4" x 1 1/32")
- > Push-to-open: Opens all the way with just a gentle push on the front*
- > Touch opening: A gentle push on the front panel opens it slightly, after which it is opened and closed by hand with multi-position stop*
- > Power assisted opening: Less manual force required to open wide and heavy front panels with handle With multi-position stop and optional soft closing**
- > Extremely wide and heavy front panels with handle: With multi-position stop and optional soft closing**

* In combination with Duomatic Push concealed hinges, held in closed position by magnetic door catch and counter plate at the front panel

**In combination with concealed hinges with or without automatic closing spring as well as component for soft close.

DUO.

TECHNICAL DATA.



Application
as lid stay

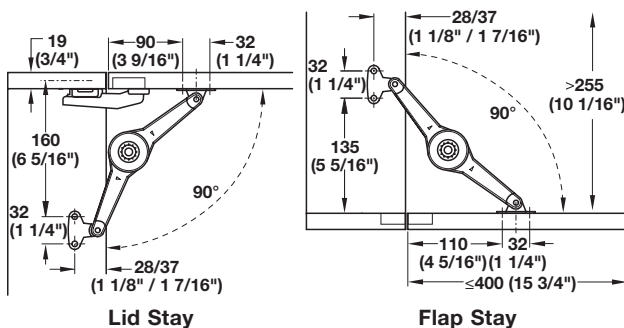


Application
as flap stay



Locking function:
Select stronger
holding power (+)
Braking function:
Weaker holding
power (-)

Duo Standard – 90° application



- For wood or aluminum frame doors
- From frame width: 45 mm (1 3/4")
- Edge distance: 37 mm (1 7/16")

Flap height	max. flap weight lbs.			
	Stopping function		Braking function	
	1 Stay	2 Stays	1 Stay	2 Stays
12"	11 lbs.	22 lbs.	13.2 lbs.	28.6 lbs.
14"	8.8 lbs.	18.7 lbs.	12.1 lbs.	24.2 lbs.
16"	7.7 lbs.	15.4 lbs.	11 lbs.	22 lbs.
18"	7.7 lbs.	14.3 lbs.	9.9 lbs.	18.7 lbs.
20"	6.6 lbs.	13.2 lbs.	8.8 lbs.	16.5 lbs.

Installation	Nickel-plated	White	Black
Euro screws	373.66.614	373.66.264	373.66.214

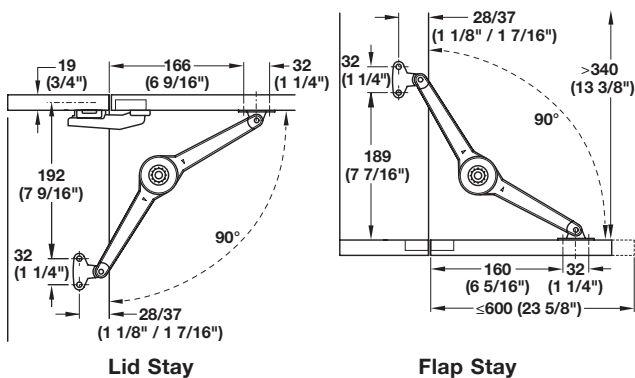
Supplied With

Lid stay
Mounting bracket for cabinet
Screw-on bracket for flap

Note

Always use two fittings when used as flap stay.

Duo Forte – 90° application



- For wood or aluminum frame doors
- From frame width: 45 mm (1 3/4")
- Edge distance: 37 mm (1 7/16")

Flap height	max. flap weight lbs.			
	Stopping function		Braking function	
	1 Stay	2 Stays	1 Stay	2 Stays
12"	17.6 lbs.	33 lbs.	22 lbs.	33 lbs.
14"	15.4 lbs.	29.7 lbs.	19.8 lbs.	33 lbs.
16"	13.2 lbs.	26.4 lbs.	17.6 lbs.	33 lbs.
18"	11 lbs.	24.8 lbs.	15.4 lbs.	30.8 lbs.
20"	11 lbs.	20.9 lbs.	13.2 lbs.	26.4 lbs.
22"	8.8 lbs.	18.7 lbs.	12.1 lbs.	24.2 lbs.
24"	8.8 lbs.	17.6 lbs.	11 lbs.	22 lbs.
26"	7.7 lbs.	15.4 lbs.	11 lbs.	20.9 lbs.
28"	6.6 lbs.	15.4 lbs.	8.8 lbs.	19.8 lbs.

Installation	Nickel-plated	White	Black
Euro screws	373.66.634	373.66.374	373.66.314

Supplied With

Lid stay
Mounting bracket for cabinet
Screw-on bracket for flap

Note

Always use two fittings when used as flap stay.

MAXI.

TECHNICAL DATA.

Maxi



- For wood or aluminum frame doors
 - From frame width: 45 mm (1 3/4")
 - Edge distance: 37 mm (1 7/16")
- Material: Stay: Zinc alloy; Brackets: Steel

Model	Nickel-plated	White	Black
A	373.69.512	373.69.742	373.69.342
B	373.69.412	373.69.744	373.69.344
C	373.69.712	373.69.746	373.69.346
D	373.69.312	373.69.748	373.69.348

Supplied with

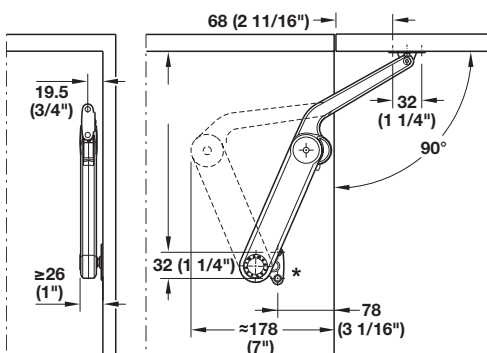
Lid stay, Mounting bracket for cabinet, Screw-on bracket for door (for Euro screws)

Note

Use two Maxi fittings for flap widths from 600 mm (23 5/8") and above.

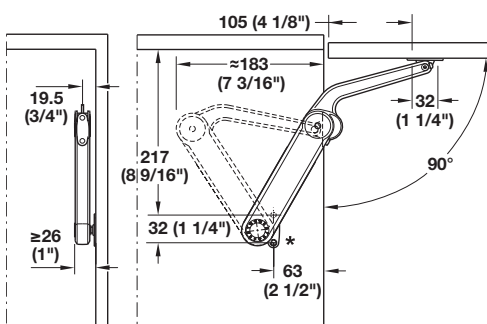


Push-to-open for Automatic Complete Opening 90° application for front panels without handles



Door height	Door weight lbs.			
	Model A	Model B	Model C	Model D
12"	3.7 - 5.2	6.8 - 10.1	8.3 - 15.4	12.7 - 21.5
16"	-	5.2 - 8.1	6.8 - 12.1	9.2 - 15.6
20"	-	3.5 - 6.3	5.7 - 9.9	7.4 - 12.7
24"	-	3.3 - 5.2	4.6 - 7.9	6.3 - 10.5
28"	-	2.6 - 4.6	3.3 - 7	5.5 - 8.8
32"	-	-	2.8 - 6.3	4.8 - 8.3
36"	-	-	2.4 - 5.7	4.1 - 7.2
40"	-	-	-	3.5 - 6.6

Touch-to-open For Opening the Door Slightly and with Multi-Position Stop 90° application for front panels without handles

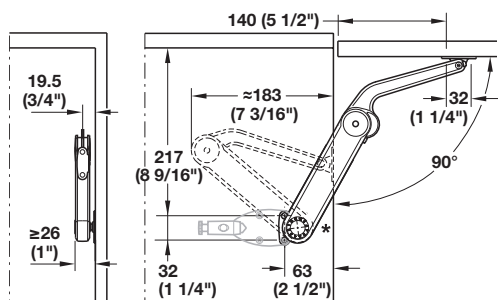


Door height	Door weight lbs.			
	Model A	Model B	Model C	Model D
12"	4.4 - 7.7	7.3 - 14.8	13.6 - 22.7	17.1 - 30
16"	3.3 - 5.7	5.5 - 11	12.1 - 17.1	12.8 - 22.4
20"	2.6 - 4.6	4.4 - 8.8	7.9 - 13.9	10.3 - 18
24"	2.2 - 4	3.7 - 7.3	6.6 - 11.4	8.6 - 15
28"	2 - 3.1	3.1 - 5.9	5.5 - 9.5	7 - 12.6
32"	1.5 - 2.9	2.6 - 5.7	4.8 - 8.6	6.4 - 11.2
36"	1.5 - 2.6	2.4 - 4.8	4.4 - 7.5	5.7 - 9.9
40"	1.3 - 2.2	2.2 - 4.4	4 - 6.8	5.2 - 9

MAXI.

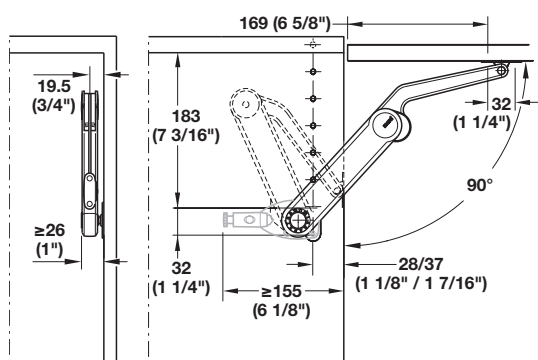
TECHNICAL DATA.

For Power-assisted Opening of the Door – 90° application with handle



Door height	Door weight lbs.			
	Model A	Model B	Model C	Model D
12"	5.9 - 11.2	11 - 18.7	17.6 - 26.4	19.8 - 33
16"	4.6 - 7.7	9.9 - 14.7	12.8 - 24.7	15.8 - 29.7
20"	3.5 - 5.7	7.7 - 12.1	9.9 - 19.4	13.2 - 24.2
24"	2.9 - 4.8	5.9 - 9.5	8.6 - 16.9	10.6 - 18.7
28"	2.6 - 4.4	5.5 - 8.1	7 - 14.1	9.2 - 16.7
32"	-	5.3 - 7.5	6.6 - 11.9	7.7 - 14.7
36"	-	-	5.9 - 11.4	6.6 - 13.2
40"	-	-	-	5.9 - 12.1

For Particularly Wide and Heavy Doors – 90° application with handle



Door height	Door weight lbs.			
	Model A	Model B	Model C	Model D
12"	6.6 - 11.7	11.2 - 22.4	20 - 34.8	26.2 - 45.8
16"	5.1 - 8.8	8.4 - 16.7	15.2 - 26.2	19.6 - 34.3
20"	4 - 7	5.3 - 13.4	12.1 - 21.1	15.8 - 27.5
24"	3.3 - 5.9	5.7 - 11.22	10.1 - 17.4	13.2 - 22.9
28"	2.9 - 4.8	4.6 - 9.2	8.4 - 14.5	10.8 - 19.1
32"	2.4 - 4.4	4.2 - 8.6	7.5 - 13	9.7 - 17.2
36"	2.2 - 4	3.7 - 7.5	6.6 - 11.4	8.6 - 15.2
40"	1.3 - 3.5	3.3 - 6.6	5.9 - 10.3	7.9 - 13.6

FREE FLAP H 1.5.

TECHNICAL DATA.

Free flap H 1.5 fitting set – 110° application

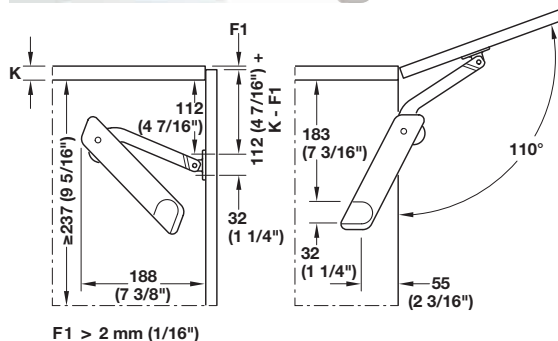


- For wood, glass or aluminum frame doors
- Material: Plastic; Finish: gray; Arm: Zinc alloy; Finish: nickel-plated

Model	Item No.
A	372.28.600
B	372.28.610
D	372.28.630

Note

Use two fittings for door widths from 23 5/8" and above.



Door height	Door weight lbs.		
	Model A	Model B	Model D
10 7/8"	4.2 - 6.2	5.7 - 9.5	9.3 - 15.7
11 13/16"	2.4 - 5.3	5.3 - 9	8.8 - 15.4
13 3/4"	2.4 - 4.6	4.6 - 8.2	7.9 - 14.1
15 3/4"	2.4 - 3.7	3.7 - 7.1	7.1 - 12.1
17 11/16"	2.2 - 3.5	3.5 - 6.2	6.2 - 12.1
19 11/16"	2.2 - 3.1	2.9 - 5.5	5.5 - 9.9
21 5/8"	1.8 - 2.9	2.9 - 4.9	4.9 - 8.6
23 5/8"	1.5 - 2.6	2.6 - 4.9	4.9 - 9.5

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The Free family of products is the next significant step in the development of Häfele’s expertise. The expectation to set a new standard for flap fittings in the market, and to have those fittings meet Häfele’s typical level of quality could only be achieved by developing and manufacturing the product in-house, by creating Häfele’s own solutions for flap fittings.

A new manufacturing hall, the latest machinery and the most modern standards are the cornerstones for reliable production. Experienced development engineers in the factory ensure continuously high quality. The goal is to connect the opening and closing of cabinets with a feeling of luxury and reliability. Engineered by Häfele.



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