

## CRL Window Channel Sash Balances

- Measures 5/8" (16 mm) Depth, but Referred to as 1/2" (13 mm) in the Trade

Shown below is a CRL FA Series Window Channel Sash Balance. Please note the way the cord comes out of the open side of the U-Channel and has a flat hook attached. This type of Balance is mounted vertically in the window jamb between the jamb and the sash on windows that do not tilt-in at the top of the sash.

### Ordering Tips for FA Series Sash Balances

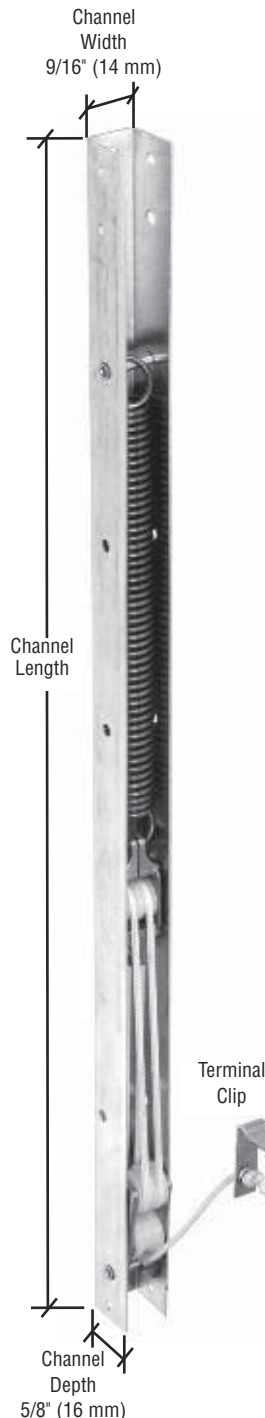
Remove the existing Channel Balance from the window. Measure the length of the metal channel only. Do not include the Guides. This measurement should be at full inch increments. **NOTE:** There have been a few window manufacturers that have used special 1/2" increment channel lengths. These Channel Balances are not stocked, however they can be special ordered.

Always look for the stamped or laser etched number on the back of the Channel Balance. This number will either be four numbers or three numbers. For example: 2710 or 27-1.

Using the numbers on the back of the Channel Balance, refer to the chart. If you have a full 18" (457 mm) length channel, and the corresponding number on the back of the Channel Balance is 1710 or 17-1, the corresponding CRL Cat. No. is FA1710.

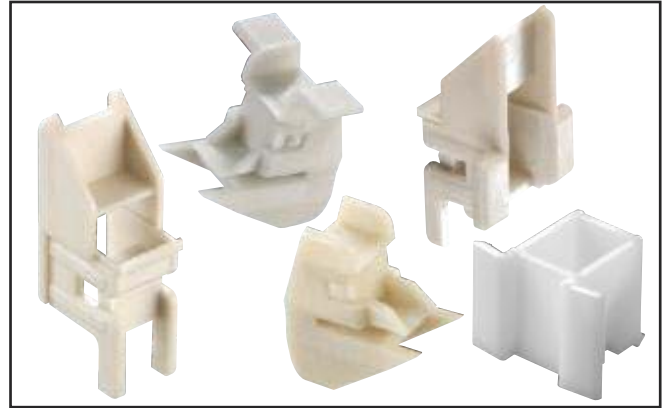
If you have a full 27" length channel, and the number on the back of the Channel Balance is 2610 or 26-1, the corresponding Cat. No. is FA2610. The chart also includes a vent weight range. This range indicates the amount of sash weight that a pair of Channel Balances will hold. This range does not account for any excessive weatherstrip friction. **NOTE:** The weight range chart should be used for reference only, or if the stamped number is too difficult to read.

Special weight range Channel Balances are available by special order. The standard balance chart shows stocked weight ranges from FA1210 to FA4240. The 10, 20, 30, 40 and 50 represents the counter-balance weight designation. If your Channel Balance has a stamped number 90, instead of the five weight ranges listed above (for example: 2790-26) this Channel Balance was made specifically to carry a 26-pound sash weight per pair of Balances. If your Channel Balance has a "DS" after the length, for example 27DS-34, this pair of Channel Balances was made specifically to carry a 34-pound sash weight. These special weight Channel Balances are sometimes designed specifically for upper or lower sashes only. This information will need to be provided at time of order.



- 10, 20, 30, 40, and 50 Weight Range Balances in Lengths From 13" to 42" (330 to 1067 mm)

Each FA Series Window Channel Sash Balance requires one of several types of Nylon Guides to be riveted onto the top and bottom of the channel. Customers can either order Channel Balances with Guides pre-attached by adding an "A" after the guide set number, or can order Guide Kits, with rivets included, and mount the Guides themselves. CRL also offers the handy Cat. No. H3740 Rivet Set Tool (see page 515W), which mushrooms the rivet, giving it a very strong set.



#### FA SERIES 10/1 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1210	1210 or 12-1	13" (330)	3 - 6 (1.3 - 2.7)
FA1310	1310 or 13-1	14" (356)	3 - 6 (1.3 - 2.7)
FA1410	1410 or 14-1	15" (381)	4 - 6 (1.8 - 2.7)
FA1510	1510 or 15-1	16" (406)	4 - 6 (1.8 - 2.7)
FA1610	1610 or 16-1	17" (432)	5 - 8 (2.2 - 3.6)
FA1710	1710 or 17-1	18" (457)	5 - 8 (2.2 - 3.6)
FA1810	1810 or 18-1	19" (483)	5 - 8 (2.2 - 3.6)
FA1910	1910 or 19-1	20" (508)	5 - 8 (2.2 - 3.6)
FA2010	2010 or 20-1	21" (533)	5 - 8 (2.2 - 3.6)
FA2110	2110 or 21-1	22" (559)	5 - 8 (2.2 - 3.6)
FA2210	2210 or 22-1	23" (584)	5 - 8 (2.2 - 3.6)
FA2310	2310 or 23-1	24" (610)	5 - 9 (2.2 - 4.1)
FA2410	2410 or 24-1	25" (635)	5 - 9 (2.2 - 4.1)
FA2510	2510 or 25-1	26" (660)	5 - 9 (2.2 - 4.1)
FA2610	2610 or 26-1	27" (686)	5 - 9 (2.2 - 4.1)
FA2710	2710 or 27-1	28" (711)	5 - 9 (2.2 - 4.1)
FA2810	2810 or 28-1	29" (737)	7 - 12 (3.2 - 5.4)
FA2910	2910 or 29-1	30" (762)	7 - 12 (3.2 - 5.4)
FA3010	3010 or 30-1	31" (787)	7 - 12 (3.2 - 5.4)
FA3110	3110 or 31-1	32" (813)	7 - 12 (3.2 - 5.4)
FA3210	3210 or 32-1	33" (838)	8 - 13 (3.6 - 5.9)
FA3310	3310 or 33-1	34" (864)	8 - 13 (3.6 - 5.9)
FA3410	3410 or 34-1	35" (889)	8 - 13 (3.6 - 5.9)
FA3510	3510 or 35-1	36" (914)	8 - 13 (3.6 - 5.9)
FA3610	3610 or 36-1	37" (940)	8 - 13 (3.6 - 5.9)
FA3710	3710 or 37-1	38" (965)	8 - 13 (3.6 - 5.9)
FA3810	3810 or 38-1	39" (991)	9 - 14 (4.1 - 6.3)
FA3910	3910 or 39-1	40" (1016)	9 - 14 (4.1 - 6.3)
FA4010	4010 or 40-1	41" (1041)	9 - 14 (4.1 - 6.3)
FA4110	4110 or 41-1	42" (1067)	9 - 14 (4.1 - 6.3)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

## CRL Window Channel Sash Balances • Measures 5/8" (16 mm) Depth, but Referred to as 1/2" (13 mm) in the Trade

### FA SERIES 20/2 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1220	1220 or 12-2	13" (330)	6 - 9 (2.7 - 4.1)
FA1320	1320 or 13-2	14" (356)	6 - 9 (2.7 - 4.1)
FA1420	1420 or 14-2	15" (381)	6 - 10 (2.7 - 4.5)
FA1520	1520 or 15-2	16" (406)	6 - 10 (2.7 - 4.5)
FA1620	1620 or 16-2	17" (432)	8 - 12 (3.6 - 5.4)
FA1720	1720 or 17-2	18" (457)	8 - 12 (3.6 - 5.4)
FA1820	1820 or 18-2	19" (483)	8 - 12 (3.6 - 5.4)
FA1920	1920 or 19-2	20" (508)	8 - 12 (3.6 - 5.4)
FA2020	2020 or 20-2	21" (533)	8 - 12 (3.6 - 5.4)
FA2120	2120 or 21-2	22" (559)	8 - 12 (3.6 - 5.4)
FA2220	2220 or 22-2	23" (584)	8 - 12 (3.6 - 5.4)
FA2320	2320 or 23-2	24" (610)	9 - 15 (4.1 - 6.8)
FA2420	2420 or 24-2	25" (635)	9 - 15 (4.1 - 6.8)
FA2520	2520 or 25-2	26" (660)	9 - 15 (4.1 - 6.8)
FA2620	2620 or 26-2	27" (686)	9 - 13 (4.1 - 5.9)
FA2720	2720 or 27-2	28" (711)	9 - 13 (4.1 - 5.9)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2820	2820 or 28-2	29" (737)	12 - 16 (5.4 - 7.2)
FA2920	2920 or 29-2	30" (762)	12 - 16 (5.4 - 7.2)
FA3020	3020 or 30-2	31" (787)	12 - 16 (5.4 - 7.2)
FA3120	3120 or 31-2	32" (813)	12 - 16 (5.4 - 7.2)
FA3220	3220 or 32-2	33" (838)	13 - 18 (5.9 - 8.2)
FA3320	3320 or 33-2	34" (864)	13 - 18 (5.9 - 8.2)
FA3420	3420 or 34-2	35" (889)	13 - 18 (5.9 - 8.2)
FA3520	3520 or 35-2	36" (914)	13 - 18 (5.9 - 8.2)
FA3620	3620 or 36-2	37" (940)	13 - 18 (5.9 - 8.2)
FA3720	3720 or 37-2	38" (965)	13 - 18 (5.9 - 8.2)
FA3820	3820 or 38-2	39" (991)	14 - 19 (6.3 - 8.6)
FA3920	3920 or 39-2	40" (1016)	14 - 19 (6.3 - 8.6)
FA4020	4020 or 40-2	41" (1041)	14 - 19 (6.3 - 8.6)
FA4120	4120 or 41-2	42" (1067)	14 - 19 (6.3 - 8.6)
FA4220	4220 or 42-2	43" (1092)	14 - 19 (6.3 - 8.6)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

### FA SERIES 30/3 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1230	1230 or 12-3	13" (330)	9 - 11 (4.1 - 5.0)
FA1330	1330 or 13-3	14" (356)	9 - 11 (4.1 - 5.0)
FA1430	1430 or 14-3	15" (381)	10 - 12 (4.5 - 5.4)
FA1530	1530 or 15-3	16" (406)	10 - 12 (4.5 - 5.4)
FA1630	1630 or 16-3	17" (432)	12 - 14 (5.4 - 6.3)
FA1730	1730 or 17-3	18" (457)	12 - 14 (5.4 - 6.3)
FA1830	1830 or 18-3	19" (483)	12 - 14 (5.4 - 6.3)
FA1930	1930 or 19-3	20" (508)	12 - 14 (5.4 - 6.3)
FA2030	2030 or 20-3	21" (533)	12 - 15 (5.4 - 6.8)
FA2130	2130 or 21-3	22" (559)	12 - 15 (5.4 - 6.8)
FA2230	2230 or 22-3	23" (584)	12 - 19 (5.4 - 8.6)
FA2330	2330 or 23-3	24" (610)	15 - 18 (6.8 - 8.2)
FA2430	2430 or 24-3	25" (635)	15 - 19 (6.8 - 8.6)
FA2530	2530 or 25-3	26" (660)	15 - 19 (6.8 - 8.6)
FA2630	2630 or 26-3	27" (686)	13 - 19 (5.9 - 8.6)
FA2730	2730 or 27-3	28" (711)	13 - 19 (5.9 - 8.6)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2830	2830 or 28-3	29" (737)	16 - 23 (7.2 - 10.4)
FA2930	2930 or 29-3	30" (762)	16 - 23 (7.2 - 10.4)
FA3030	3030 or 30-3	31" (787)	16 - 23 (7.2 - 10.4)
FA3130	3130 or 31-3	32" (813)	16 - 23 (7.2 - 10.4)
FA3230	3230 or 32-3	33" (838)	18 - 23 (8.2 - 10.4)
FA3330	3330 or 33-3	34" (864)	18 - 23 (8.2 - 10.4)
FA3430	3430 or 34-3	35" (889)	18 - 23 (8.2 - 10.4)
FA3530	3530 or 35-3	36" (914)	18 - 23 (8.2 - 10.4)
FA3630	3630 or 36-3	37" (940)	18 - 23 (8.2 - 10.4)
FA3730	3730 or 37-3	38" (965)	18 - 23 (8.2 - 10.4)
FA3830	3830 or 38-3	39" (991)	19 - 24 (8.6 - 10.9)
FA3930	3930 or 39-3	40" (1016)	19 - 24 (8.6 - 10.9)
FA4030	4030 or 40-3	41" (1041)	19 - 23 (8.6 - 10.4)
FA4130	4130 or 41-3	42" (1067)	19 - 24 (8.6 - 10.9)
FA4230	4230 or 42-3	43" (1092)	19 - 24 (8.6 - 10.9)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.

### FA SERIES 40/4 AND 50/5 WEIGHT RANGE SASH BALANCES

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA1240	1240 or 12-4	13" (330)	11 - 12 (5.0 - 5.4)
FA1340	1340 or 13-4	14" (356)	11 - 12 (5.0 - 5.4)
FA1440	1440 or 14-4	15" (381)	12 - 13 (5.4 - 5.9)
FA1540	1540 or 15-4	16" (406)	12 - 13 (5.4 - 5.9)
FA1640	1640 or 16-4	17" (432)	14 - 19 (6.3 - 8.6)
FA1740	1740 or 17-4	18" (457)	14 - 17 (6.3 - 7.7)
FA1840	1840 or 18-4	19" (483)	14 - 17 (6.3 - 7.7)
FA1940	1940 or 19-4	20" (508)	14 - 17 (6.3 - 7.7)
FA2040	2040 or 20-4	21" (533)	15 - 23 (6.8 - 10.4)
FA2140	2140 or 21-4	22" (559)	15 - 23 (6.8 - 10.4)
FA2240	2240 or 22-4	23" (584)	19 - 23 (8.6 - 10.4)
FA2340	2340 or 23-4	24" (610)	18 - 23 (8.2 - 10.4)
FA2440	2440 or 24-4	25" (635)	19 - 24 (8.6 - 10.9)
FA2540	2540 or 25-4	26" (660)	19 - 25 (8.6 - 11.3)
FA2640	2640 or 26-4	27" (686)	19 - 26 (8.6 - 11.8)
FA2650	2650 or 26-5	27" (686)	26 - 28 (11.8 - 12.7)
FA2740	2740 or 27-4	28" (711)	19 - 26 (8.6 - 11.8)
FA2840	2840 or 28-4	29" (737)	23 - 28 (10.4 - 12.7)
FA2850	2850 or 28-5	29" (737)	28 - 32 (12.7 - 14.5)

CAT. NO.	NUMBER STAMPED ON BALANCE	CHANNEL LENGTH INCHES (MM)	VENT WEIGHT RANGE POUNDS (KG)
FA2940	2940 or 29-4	30" (762)	23 - 28 (10.4 - 12.7)
FA2950	2950 or 29-5	30" (762)	28 - 32 (12.7 - 14.5)
FA3040	3040 or 30-4	31" (787)	23 - 28 (10.4 - 12.7)
FA3050	3050 or 30-5	31" (787)	28 - 32 (12.7 - 14.5)
FA3140	3140 or 31-4	32" (813)	23 - 28 (10.4 - 12.7)
FA3150	3150 or 31-5	32" (813)	28 - 32 (12.7 - 14.5)
FA3240	3240 or 32-4	33" (838)	23 - 28 (10.4 - 12.7)
FA3250	3250 or 32-5	33" (838)	28 - 32 (12.7 - 14.5)
FA3340	3340 or 33-4	34" (864)	23 - 28 (10.4 - 12.7)
FA3350	3350 or 33-5	34" (864)	28 - 32 (12.7 - 14.5)
FA3440	3440 or 34-4	35" (889)	28 - 30 (12.7 - 13.6)
FA3540	3540 or 35-4	36" (914)	28 - 30 (12.7 - 13.6)
FA3640	3640 or 36-4	37" (940)	23 - 30 (10.4 - 13.6)
FA3740	3740 or 37-4	38" (965)	23 - 30 (10.4 - 13.6)
FA3840	3840 or 38-4	39" (991)	24 - 30 (10.9 - 13.6)
FA3940	3940 or 39-4	40" (1016)	24 - 30 (10.9 - 13.6)
FA4040	4040 or 40-4	41" (1041)	23 - 30 (10.4 - 13.6)
FA4140	4140 or 41-4	42" (1067)	24 - 30 (10.9 - 13.6)
FA4240	4240 or 42-4	43" (1092)	24 - 30 (10.9 - 13.6)

Minimum order: 1 pack. All Sash Balances can be combined for quantity pricing.