



Engineered Solutions. Trusted Results.

Series 716 Tilt Balance

Effective July 1, 2001

Balance Number	Weight Range	Balance Number	Weight Range	Balance Number	Weight Range	Balance Number	Weight Range
10A	1 - 6	15A	3 - 7	20A	5 - 10	25A	6 - 11
10B	6 - 10	15B	7 - 10	20B	10 - 14	25B	11 - 17
10C	10 - 13	15C	10 - 16	20C	14 - 18	25C	17 - 22
		15D	16 - 19	20D	18 - 22	25D	22 - 25
		15E	19 - 22	20E	22 - 26	25E	25 - 28
		15F	22 - 25	20F	26 - 30	25F	28 - 30
		15G U/L	25 - 28 / LT10	20G	30 - 34	25G	30 - 34
		15H U/L	28 - 31 / LT08	20H U/L	34 - 37 / LT14	25H	34 - 37
				20I U/L	37 - 40 / LT13	25I U/L	37 - 40 / LT20
				20J U/L	40 - 43 / LT11	25J U/L	40 - 43 / LT18
				20K U/L	43 - 46 / LT10	25K U/L	43 - 46 / LT17
11A	3 - 7	16A	3 - 7	21A	5 - 10	26A	6 - 11
11B	7 - 10	16B	7 - 10	21B	10 - 14	26B	11 - 17
11C	10 - 16	16C	10 - 16	21C	14 - 18	26C	17 - 22
		16D	16 - 19	21D	18 - 22	26D	22 - 26
		16E	19 - 22	21E	22 - 26	26E	26 - 30
		16F	22 - 25	21F	26 - 30	26F	30 - 34
		16G	25 - 27	21G	30 - 34	26G	34 - 38
		16H U/L	27 - 30 / LT11	21H U/L	34 - 37 / LT15	26H	38 - 42
		16I U/L	30 - 33 / LT09	21I U/L	37 - 40 / LT14	26I U/L	42 - 45 / LT18
				21J U/L	40 - 43 / LT13	26J U/L	45 - 48 / LT17
				21K U/L	43 - 46 / LT11	26K U/L	48 - 51 / LT16
12A	3 - 7	17A	3 - 7	22A	5 - 10	27A	6 - 11
12B	7 - 10	17B	7 - 10	22B	10 - 16	27B	11 - 17
12C	10 - 16	17C	10 - 16	22C	16 - 21	27C	17 - 22
12D	16-18	17D	16 - 19	22D	21 - 24	27D	22 - 26
		17E	19 - 22	22E	24 - 27	27E	26 - 30
		17F	22 - 24	22F	27 - 30	27F	30 - 34
		17G	24 - 28	22G	30 - 34	27G	34 - 38
		17H U/L	28 - 31 / LT12	22H	34 - 37	27H	38 - 42
		17I U/L	31 - 34 / LT11	22I U/L	37 - 40 / LT15	27I U/L	42 - 45 / LT20
				22J U/L	40 - 43 / LT14	27J U/L	45 - 48 / LT18
				22K U/L	43 - 46 / LT13	27K U/L	48 - 51 / LT17
13A	3 - 7	18A	4 - 9	23A	5 - 10	28A	7 - 12
13B	7 - 10	18B	9 - 13	23B	10 - 16	28B	12 - 18
13C	10 - 16	18C	13 - 18	23C	16 - 21	28C	18 - 23
13D	16-18	18D	18 - 21	23D	21 - 24	28D	23 - 28
		18E	21 - 24	23E	24 - 27	28E	28 - 32
		18F	24 - 26	23F	27 - 30	28F	32 - 36
		18G	26 - 29	23G	30 - 34	28G	36 - 40
		18H	29 - 32	23H	34 - 37	28H	40 - 43
		18I U/L	32 - 35 / LT12	23I U/L	37 - 40 / LT17	28I U/L	43 - 46 / LT20
		18J U/L	35 - 38 / LT10	23J U/L	40 - 43 / LT15	28J U/L	46 - 49 / LT19
				23K U/L	43 - 46 / LT14	28K U/L	49 - 52 / LT17
14A	3 - 7	19A	4 - 9	24A	6 - 11	29A	7 - 12
14B	7 - 10	19B	9 - 13	24B	11 - 17	29B	12 - 18
14C	10 - 16	19C	13 - 18	24C	17 - 22	29C	18 - 23
14D	16 - 19	19D	18 - 21	24D	22 - 25	29D	23 - 28
		19E	21 - 24	24E	25 - 28	29E	28 - 32
		19F	24 - 26	24F	28 - 30	29F	32 - 36
		19G	26 - 29	24G	30 - 34	29G	36 - 40
		19H U/L	29 - 32 / LT15	24H	34 - 37	29H	40 - 43
		19I U/L	32 - 35 / LT13	24I U/L	37 - 40 / LT18	29I U/L	43 - 46 / LT22
		19J U/L	35 - 38 / LT11	24J U/L	40 - 43 / LT17	29J U/L	46 - 49 / LT20
				24K U/L	43 - 46 / LT15	29K U/L	49 - 52 / LT18
						29L U/L	52 - 55 / LT17

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Balance Number	Weight Range	Balance Number	Weight Range	Balance Number	Weight Range	Balance Number	Weight Range
30A	8 - 13	34A	11 - 16	38A	11 - 16	42A	11 - 16
30B	13 - 19	34B	16 - 22	38B	16 - 22	42B	16 - 22
30C	19 - 24	34C	22 - 27	38C	22 - 27	42C	22 - 27
30D	24 - 29	34D	27 - 32	38D	27 - 32	42D	27 - 32
30E	29 - 33	34E	32 - 34	38E	32 - 34	42E	32 - 34
30F	33 - 37	34F	34 - 37	38F	34 - 37	42F	34 - 37
30G	37 - 40	34G	37 - 40	38G	37 - 40	42G	37 - 40
30H	40 - 43	34H	40 - 43	38H	40 - 43	42H	40 - 43
30I U/L	43 - 46/ LT23	34I	43 - 45	38I	43 - 45	42I	43 - 45
30J U/L	46 - 49/ LT21	34J U/L	45 - 48/ LT24	38J U/L	45 - 48/ LT22	42J U/L	45 - 48/ LT28
30K U/L	49 - 52/ LT20	34K U/L	48 - 51/ LT21	38K U/L	48 - 51/ LT22	42K U/L	48 - 51/ LT24
30L U/L	52 - 55/ LT18	34L U/L	51 - 54/ LT22	38L U/L	51 - 54/ LT24	42L U/L	51 - 54/ LT28
31A	8 - 13	35A	11 - 16	39A	11 - 16	43A	11 - 16
31B	13 - 19	35B	16 - 22	39B	16 - 22	43B	16 - 22
31C	19 - 24	35C	22 - 27	39C	22 - 27	43C	22 - 27
31D	24 - 29	35D	27 - 32	39D	27 - 32	43D	27 - 32
31E	29 - 33	35E	32 - 34	39E	32 - 34	43E	32 - 34
31F	33 - 37	35F	34 - 37	39F	34 - 37	43F	34 - 37
31G	37 - 40	35G	37 - 40	39G	37 - 40	43G	37 - 40
31H	40 - 43	35H	40 - 43	39H	40 - 43	43H	40 - 43
31I U/L	43 - 46/ LT24	35I	43 - 45	39I	43 - 45	43I	43 - 45
31J U/L	46 - 49/ LT22	35J U/L	45 - 48/ LT19	39J U/L	45 - 48/ LT26	43J U/L	45 - 48/ LT22
31K U/L	49 - 52/ LT21	35K U/L	48 - 51/ LT18	39K U/L	48 - 51/ LT22	43K U/L	48 - 51/ LT26
31L U/L	52 - 55/ LT19	35L U/L	51 - 54/ LT23	39L U/L	51 - 54/ LT24	43L U/L	51 - 54/ LT28
32A	8 - 14	36A	11 - 16	40A	11 - 16	44A	11 - 16
32B	14 - 20	36B	16 - 22	40B	16 - 22	44B	16 - 22
32C	20 - 25	36C	22 - 27	40C	22 - 27	44C	22 - 27
32D	25 - 30	36D	27 - 32	40D	27 - 32	44D	27 - 32
32E	30 - 34	36E	32 - 34	40E	32 - 34	44E	32 - 34
32F	34 - 37	36F	34 - 37	40F	34 - 37	44F	34 - 37
32G	37 - 40	36G	37 - 40	40G	37 - 40	44G	37 - 40
32H	40 - 43	36H	40 - 43	40H	40 - 43	44H	40 - 43
32I U/L	43 - 45/ LT20	36I	43 - 45	40I	43 - 45	44I	43 - 45
32J U/L	45 - 48/ LT23	36J U/L	45 - 48/ LT24	40J U/L	45 - 48/ LT30	44J U/L	45 - 48/ LT26
32K U/L	48 - 51/ LT21	36K U/L	48 - 51/ LT20	40K U/L	48 - 51/ LT26	44K U/L	48 - 51/ LT22
32L U/L	51 - 54/ LT19	36L U/L	51 - 54/ LT22	40L U/L	51 - 54/ LT26	44L U/L	51 - 54/ LT28
33A	8 - 14	37A	11 - 16	41A	11 - 16	45A	11 - 16
33B	14 - 20	37B	16 - 22	41B	16 - 22	45B	16 - 22
33C	20 - 25	37C	22 - 27	41C	22 - 27	45C	22 - 27
33D	25 - 30	37D	27 - 32	41D	27 - 32	45D	27 - 32
33E	30 - 34	37E	32 - 34	41E	32 - 34	45E	32 - 34
33F	34 - 37	37F	34 - 37	41F	34 - 37	45F	34 - 37
33G	37 - 40	37G	37 - 40	41G	37 - 40	45G	37 - 40
33H	40 - 43	37H	40 - 43	41H	40 - 43	45H	40 - 43
33I U/L	43 - 45/ LT25	37I	43 - 45	41I	43 - 45	45I	43 - 45
33J U/L	45 - 48/ LT21	37J U/L	45 - 48/ LT26	41J U/L	45 - 48/ LT24	45J U/L	45 - 48/ LT26
33K U/L	48 - 51/ LT18	37K U/L	48 - 51/ LT24	41K U/L	48 - 51/ LT20	45K U/L	48 - 51/ LT22
33L U/L	51 - 54/ LT20	37L U/L	51 - 54/ LT24	41L U/L	51 - 54/ LT26	45L U/L	51 - 54/ LT28

Patent #6,679,000 #4,610,108 #D467,490 S Other Patents May Apply

Sash weights shown do not include the manufacturer's sash friction from use of weatherstripping. This friction must be verified by the manufacturer since all windows vary in sash friction due to manufacturing methods and weatherstrip types.



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Balance Number	Weight Range	Balance Number	Weight Range	Balance Number	Weight Range	Balance Number	Weight Range
46A	11 - 16	50A	11 - 16				
46B	16 - 22	50B	16 - 22				
46C	22 - 27	50C	22 - 27				
46D	27 - 32	50D	27 - 32				
46E	32 - 34	50E	32 - 34				
46F	34 - 37	50F	34 - 37				
46G	37 - 40						
46H	40 - 43						
46I	43 - 45						
47A	11 - 16						
47B	16 - 22						
47C	22 - 27						
47D	27 - 32						
47E	32 - 34						
47F	34 - 37						
47G	37 - 40						
47H	40 - 43						
48A	11 - 16						
48B	16 - 22						
48C	22 - 27						
48D	27 - 32						
48E	32 - 34						
48F	34 - 37						
48G	37 - 40						
49A	11 - 16						
49B	16 - 22						
49C	22 - 27						
49D	27 - 32						
49E	32 - 34						
49F	34 - 37						

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Sash weights shown do not include the manufacturer's sash friction from use of weatherstripping. This friction must be verified by the manufacturer since all windows vary in sash friction due to manufacturing methods and weatherstrip types.