

Paddock Flow-Rate Chart for Grate Covers

Grate Type	Model Number	Grate Size Nominal	Recommended GPM @ 1.5 fps or less Flow Rate Floor or Wall			NSF Maxium Safe Flow Rate	Open Area of grate in sq. inches
Raised	2020 PCDC	20" x 20"	FLOOR ONLY 572 GPM @ 1.5 ft/sec	381 GPM @ 1 ft/sec	191 GPM @ .5 ft/sec	1200 GPM Floor Only	122.15
Raised	2424 PCDC	24" x 24"	874 GPM @ 1.5 ft/sec	583 GPM @ 1 ft/sec	291 GPM @ .5 ft/sec	1420 GPM Floor/ Wall	186.6
Flat	2424 PCFC	24"x 24"	915 GPM @ 1.37 ft/sec	665 GPM @ 1 ft/sec	332 GPM @ .5 ft/sec	915 GPM Floor/ Wall	212.89
	2448 PCFC	24"x 48"	1996 GPM @ 1.5 ft/sec	1330 GPM @ 1 ft/sec	665 GPM @ .5 ft/sec	3500 GPM Floor / 3000 GPM Wall	425.78
	2472 PCFC	24"x 72"	2993 GPM @ 1.5 ft/sec	1995 GPM @ 1 ft/sec	998 GPM @ .5 ft/sec	5250 GPM Floor / 4500 GPM Wall	638.67
	2496 PCFC	24"x 96"	3992 GPM @ 1.5 ft/sec	2661 GPM @ 1 ft/sec	1330 GPM @ .5 ft/sec	7000 GPM Floor / 6000 GPM Wall	851.56
	24120 PCFC	24"x 120"	4989 GPM @ 1.5 ft/sec	3326 GPM @ 1 ft/sec	1663 GPM @ .5 ft/sec	8750 GPM Floor / 7500 GPM Wall	1064.45
Flat	4848 PCFC	48" x 48"	3992 GPM @ 1.5 ft/sec	2661 GPM @ 1 ft/sec	1330 GPM @ .5 ft/sec	7000 GPM Floor / 6000 GPM Wall	851.56
	4872 PCFC	48" x 72"	5986 GPM @ 1.5 ft/sec	3991 GPM @ 1 ft/sec	1996 GPM @ .5 ft/sec	10500 GPM Floor / 9000 GPM Wall	1277.34
	4896 PCFC	48" x 96"	7983 GPM @ 1.5 ft/sec	5322 GPM @ 1 ft/sec	2661 GPM @ .5 ft/sec	14000 GPM Floor / 12000 GPM Wall	1703.12
	48120 PCFC	48" x 120"	9979 GPM @ 1.5 ft/sec	6652 GPM @ 1 ft/sec	3326 GPM @ .5 ft/sec	17500 GPM Floor/ 15000 GPM Wall	2128.9
Flat	2040 PCGO	20" x 40"	1145 GPM @ 1.5 ft/sec	763 GPM @ 1 ft/sec	381 GPM @ .5 ft/sec	1960 GPM Floor/ Wall	244.28
	2060 PCGO	20" x 60"	1717 GPM @ 1.5 ft/sec	1145 GPM @ 1 ft/sec	572 GPM @ .5 ft/sec	2940 GPM Floor/ Wall	366.42
	2080 PCGO	20" x 80"	2290 GPM @ 1.5 ft/sec	1526 GPM @ 1 ft/sec	763 GPM @ .5 ft/sec	3920 GPM Floor/ Wall	488.56
	20100 PCGO	20" x 100 "	2862 GPM @ 1.5 ft/sec	1908 GPM @ 1 ft/sec	954 GPM @ .5 ft/sec	4900 GPM Floor/Wall	610.7
	20120 PCGO	20" x 120"	3435 GPM @ 1.5 ft/sec	2290 GPM @ 1 ft/sec	1145 GPM @ .5 ft/sec	5880 GPM Floor/Wall	732.84
Flat	4040 PCGO	40" x 40"	2290 GPM @ 1.5 ft/sec	1526 GPM @ 1 ft/sec	763 GPM @ .5 ft/sec	3920 GPM Floor/Wall	488.56
	4060 PCGO	40" x 60"	3435 GPM @ 1.5 ft/sec	2290 GPM @ 1 ft/sec	1145 GPM @ .5 ft/sec	5880 GPM Floor/ Wall	732.84
	4080 PCGO	40" x 80"	4580 GPM @ 1.5 ft/sec	3053 GPM @ 1 ft/sec	1526 GPM @ .5 ft/sec	7840 GPM Floor/ Wall	977.12
	40100 PCGO	40" x 100"	5725 GPM @ 1.5 ft/sec	3816 GPM @ 1 ft/sec	1908 GPM @ .5 ft/sec	9800 GPM Floor/ Wall	1221.4
	40120 PCGO	40" x 120"	6870 GPM @ 1.5 ft/sec	4580 GPM @ 1 ft/sec	2290 GPM @ .5 ft/sec	11760 GPM Floor/ Wall	1465.68

