

R-4400 to R-4899 Series Square and Rectangular Drainage Grates

The gratings in this series are rated heavy duty when supported on all four sides.

Other special sizes quoted on request in the event none of the standards shown in this series meet your requirements. In ordering replacement grates to be used on existing catch basins, be sure to specify the exact size of opening in which the grate will be used.

Many of the grates in this series can be adapted to trench frames with support on two sides. Most are qualified as heavy duty when the short dimension spans the trench.

Advise loading requirements so we can assist you with your choice.

Supplied By:

**TRENCHDRAIN
SUPPLY**

877-903-7246

www.trenchdrainsupply.com



Type A



Type B



Type C



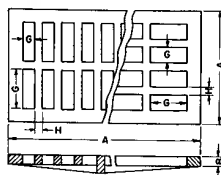
Type S



Type Q



Type H



Catalog No.	Dimensions in inches				Type
	A	B	G	H	

Square - Heavy Duty

R-4400-A *	8 x 8	1	1 x 5 1/4	1	A
R-4401 *	8 x 8	1	3/8 x 3	3/8	A
R-4408 *	10 1/4 x 10 1/4	1	7/8 x 8 1/4	1	B
R-4441-1 *	12 x 12	1	3/8 x 4 1/2	1	Q
R-4511 *	14 x 14	1 1/2	1 1/2 x 5 1/8	1 1/8	A
R-4550 *	15 x 15	1 1/4	3 1/2 x 3 1/2	3/4	H
R-4552 *	16 x 16	1 3/4	1 1/4 x 6 1/4	1 1/4	A
R-4557 *	16 x 16	1 1/4	1 3/16 x 3 3/8	3/4	A
R-4558 *	17 5/8 x 17 5/8	1 1/4	1 x 5	1/2	C
R-4660 *	18 x 18	1 1/2	3 x 4 1/2	1 1/4	C
R-4662	19 3/4 x 19 3/4	2 1/2	1 3/8 x 8 1/2	1	A
R-4720 *	20 x 20	1 3/4	1 3/8 x 3 1/2	1 1/4	C
R-4721-A *	21 x 21	1 3/4	1 1/2 x 8	1 1/4	A
R-4725 *	21 x 21	2	3 x 3	1	H
R-4760 *	22 x 22	1 3/4	3 x 5 1/2	1	C
R-4765	23 x 23	2	1 x 6 1/2	1	A
R-4808-A *	24 x 24	2	1/2 x 4 1/2	1 5/8	Q
R-4810 * +	24 x 24	2	1 3/4 x 6	1 1/4	C
R-4820 * ¥	24 x 24	2	1 3/4 x 5 7/8	1 3/8	C
R-4826 **	24 x 24	2	1 x 6	1 1/4	A
R-4832 *	24 x 24	1 5/8	1 1/16 x 4 3/4	1	C
R-4832-B *	26 x 26	1 3/4	1 1/16 x 4	1	C
R-4833 *	26 x 26	2	2 x 7	1	A
R-4836	26 x 26	2	1 1/8 x 4 3/4	1 1/4	C
R-4850 *	27 x 27	2	2 1/2 x 7 1/2	1	C
R-4852 *	27 x 27	2	1 1/2 x 5	1	C
R-4852-A *	27 x 27	1	1 1/2 x 5	1	C
R-4859-C * ‡	27 x 27	1	2 x 7	1	A
R-4859-Q * ‡	27 1/2 x 27 1/2	1	3/8 x 7	1 1/8	Q
R-4859-S * ‡	27 1/2 x 27 1/2	1	1 1/2 x 4 3/4	1	S
R-4871 * § ‡	27 1/2 x 27 1/2	1	2 x 24	1	B
R-4880 *	28 x 28	2	1 1/2 x 7 1/4	1	C
R-4880-C *	30 x 30	1 1/2	1 1/4 x 5 7/8	1 1/4	C
R-4882 * •	34 x 34	2	2 x 14 1/2	1 1/8	A
R-4882-A * •	34 x 34	2	1 x 9	1 1/8	A
R-4884-A * **	36 x 36	1 3/4	2 x 4	1 3/8	C

Catalog No.	Dimensions in inches				Type
	A	B	G	H	

Rectangular - Heavy Duty

R-4389-D	6 x 12	1 1/4	3/4 x 4	1	B
R-4390	6 x 24	1	3/4 x 4 1/2	1	B
R-4403	8 x 14	1	1 1/2 x 5 7/8	1/2	A
R-4404-C	8 x 24	1	1 1/16 x 6	1	B
R-4406	8 x 24	1 3/4	1 5/16 x 2 5/8	1	B
R-4406-1	8 x 24	1 3/4	1 x 5	3/4	A
R-4406-2	8 x 24	1 3/4	1 x 2	1	C
R-4406-C	9 1/4 x 23 7/8	1	1 x 2 7/8	1	A
R-4406-P	9 x 23 7/8	1 1/2	1/4 x 2 5/16	1	P
R-4407-2A	9 1/2 x 24	1 3/4	1 x 7 1/2	1	B
R-4409	10 x 17 3/4	1 1/2	1 x 3 1/2	1	A
R-4409-A	10 x 24	1 3/4	1 1/4 x 4 3/4	1	C
R-4409-C *	10 x 24	1 3/4	1 x 7	1	B
R-4409-E *	10 x 24	1 3/4	1 x 3 1/2	1	A
R-4409-G	10 x 24	1 1/2	2 x 8	1	B
R-4421 *	10 x 40	1 1/8	1 1/4 x 8 1/2	1	C
R-4423-A	10 1/4 x 48	1 5/8	1 1/2 x 3 1/2	1	A
R-4424	10 1/2 x 23 1/8	1 3/4	2 x 2	1	H
R-4430-1	11 x 23 7/8	1 1/8	1/4 x 3 5/16	1	P
R-4430-A	11 x 24	1 1/2	3/4 x 4 1/8	3/4	A
R-4430-B	11 1/2 x 24	1 1/2	1 x 6 5/8	1	C
R-4435-1	11 7/8 x 14	2	1 x 5 1/2	1	C
R-4443	12 x 14	1 3/4	1 1/2 x 5 1/4	1 1/4	A
R-4449 *	12 x 24	1 1/2	1 1/2 x 4 1/4	1	A
R-4450 *	12 x 24	1 3/4	1 x 4 1/2	1	A
R-4450-A *	12 x 24	1 3/4	2 x 2	1	H
R-4451 *	12 x 24	2	1 1/2 x 3 3/4	1	C
R-4454	12 x 26	1 1/2	1/2 x 11 1/2	1/2	C
R-4460 *	12 x 30	2	1 1/4 x 4	1	A
R-4462 *	12 x 35 3/4	1 1/2	3/4 x 9	1	B
R-4470 *	12 x 48	1 3/4	1 x 4 1/2	1	A
R-4523	14 x 23 7/8	1	1 1/16 x 5 1/2	1	A
R-4525 *	14 x 24	2	1 x 5 1/2	1	A
R-4530	14 1/2 x 22	2	1 1/2 x 5 1/2	1 1/4	A
R-4780-A **	22 x 44	1 3/4	3 x 5 1/2	1 1/16	C
R-4766 *	21 x 28 3/4	2 1/2	1 x 17	1 1/8	B

* Angle frame available.

** Grate in two pieces.

*** Grate in three pieces.

§ Grate lettered "DUMP NO WASTE - DRAINS TO RIVER".

+ Available with Riverwalk Style grate

• Light Duty.

¥ Convex.

≠ Meets traffic load called for in AA-6005 of 25,000# proof load.

■ Note: When specifying/ordering grates, refer to "Choosing the Proper Inlet Grate" on pages 125-126.
For a complete listing of FREE OPEN AREAS and WEIR PERIMETERS of all NEENAH grates, refer to pages 327-332.

R-4400 to R-4899 Series

Square and Rectangular Drainage Grates (continued)

Dimensions in inches						Dimensions in inches					
Catalog No.	A	B	G	H	Type	Catalog No.	A	B	G	H	Type
Rectangular - Heavy Duty						Rectangular - Heavy Duty					
R-4531	14 1/2 x 23 7/8	1	1 x 5	1	A	R-4731 •	19 1/2 x 39	1 1/2	2 x 4 1/2	1	C
R-4540	14 1/2 x 26 1/2	2	2 1/4 x 4	1	C	R-4732	19 1/2 x 39	1 3/4	1 x 7 1/2	1	A
R-4541 *	14 1/2 x 28	1 3/4	1 1/4 x 5	1 1/4	A	R-4735	20 x 23 7/8	1	1 1/16 x 8 1/4	1	A
R-4544	14 1/2 x 37 3/4	1 3/4	2 x 5 3/8	1 1/4	A	R-4736 *	20 x 24	2	1 1/2 x 2 1/2	1 1/4	C
R-4545	14 1/2 x 48	1 3/4	1 1/4 x 5	1 1/4	A	R-4738 *	20 x 24	2	1 x 5	1	A
R-4548	15 x 20 1/2	1 1/2	2 x 2	3/4	H	R-4739 *	20 x 24	2	1 1/8 x 4 3/4	1	C
R-4570-1	15 x 23	1 3/4	1 1/2 x 5 1/2	1 1/8	A	R-4740 *	20 x 28 1/2	2	1 3/4 x 8 1/4	1	C
R-4570-2	15 x 23 7/8	1 1/2	1 x 6	1	A	R-4750 *	20 x 30	2	1 3/4 x 6 1/4	1	C
R-4573 *	15 x 30	2 1/2	1 1/8 x 5 1/2	1	A	R-4750-1	20 x 48	2	1 1/2 x 5	1	A
R-4575-A *	15 x 36	1 3/4	1 13/16 x 6 1/2	3/4	A	R-4751	20 1/2 x 27	2	1 3/4 x 5 1/2	1	C
R-4579	15 1/8 x 23	1 1/2	1 3/8 x 5 1/2	1 3/8	A	R-4752	20 1/2 x 36	1 7/8	2 x 5 3/4	1 1/8	C
R-4583	15 1/2 x 22 1/4	1 3/4	1 5/8 x 5 1/2	1 3/8	A	R-4766 *	21 x 28 3/4	2 1/2	1 x 17	1 1/8	B
R-4584	15 1/2 x 36	1 3/4	1 1/2 x 5 1/4	1 3/8	A	R-4755-B *	21 x 42	1 1/2	1 1/2 x 5 1/2	1	A
R-4585	15 1/2 x 39	1 3/4	1 7/8 x 5 7/8	1 1/4	A	R-4755-C *	21 x 42	1 1/2	1 1/2 x 5 7/8	1	C
R-4586 *	15 3/4 x 36	1 3/4	1 1/2 x 5 1/4	1 3/8	A	R-4759	22 x 23	1 3/4	1 1/2 x 6	1	C
R-4600	16 x 23	2	1 1/4 x 3 3/4	1	A	R-4762 *	22 x 30	1 1/2	2 x 6 1/4	1	C
R-4603-A *	16 x 24	1 1/8	3/4 x 5 1/2	1	A	R-4780 *	22 x 37	2	2 x 8	1	C
R-4604	16 x 24	1 1/2	2 x 4	7/8	C	R-4780-A *, **	22 x 44	1 3/4	3 x 5 1/2	1	A or C
R-4604-C *	16 x 24	2	2 x 5	2	A	R-4781 *	22 x 48	2 1/2	1 5/8 x 5 3/8	1 1/4	C
R-4604-D	16 x 24	2 1/2	2 1/2 x 6 5/8	3/4	A	R-4795 *	22 1/2 x 45	1 1/2	2 x 6	1	A
R-4608	16 1/2 x 19 3/4	1 1/2	1 1/4 x 6	1	A	R-4798	23 1/4 x 36 1/2	2 3/4	1 1/2 x 7 1/4	1	C
R-4610	16 1/2 x 22	1 3/4	1 1/2 x 4	1	A	R-4821-A *	23 7/8 x 26	2	1 9/16 x 4 15/16	1 1/4	C
R-4620	17 x 19	2	1 1/4 x 4 1/4	1 1/8	A	R-4825 *	24 x 30	1 1/2	1 1/2 x 4 1/4	1 1/4	C
R-4630	17 x 20	1 1/2	1 1/4 x 6 1/2	1	C	R-4825-A *	24 x 30	2 1/4	1 1/4 x 4 3/4	1	A
R-4632	17 x 21	2	1 3/8 x 8 3/4	1	C	R-4825-B *	24 x 30	2 1/4	1 1/2 x 6	1	C
R-4640	17 x 21 1/2	1 3/4	2 1/2 x 4 1/4	1	A	R-4828 *	24 x 33	2 1/4	1 x 4 1/2	1	A
R-4641	17 x 23 7/8	1	1 1/16 x 7	1	A	R-4829 *	24 x 33	2 1/4	1 1/2 x 6 1/2	1 1/4	C
R-4641-A *	17 x 24	2	1 x 7	7/8	A	R-4837	24 x 35	2 1/2	1 1/2 x 6 1/2	1 1/2	A
R-4641-C *	17 x 24	2	1 x 6 1/2	1	C	R-4839 *	24 x 35 7/8	1 3/4	7/8 x 9 3/4	1	A
R-4641-F *	17 x 34	1 1/2	1 1/2 x 6 3/4	1	A	R-4840 *	24 x 36	2	2 x 4 3/4	1	C
R-4649	17 1/4 x 24	1 3/4	1 x 6 1/2	1	A	R-4843 *	24 x 36	1 3/4	1 3/4 x 6	1	A
R-4652 *	17 3/4 x 29 3/4	2	1 1/2 x 4 1/2	1 1/8	A	R-4853	24 x 39	2 1/2	1 3/4 x 5 3/4	1 5/8	A
R-4670-A *	18 x 24	1 1/2	1 1/8 x 6 3/4	1 1/8	A	R-4853-A	24 x 45	3	1 1/2 x 6 1/4	1 1/4	A
R-4671 *	18 x 24	2	1 x 6 1/2	1 1/16	A	R-4853-B1	24 x 51	3	1 1/2 x 5	1 1/4	C
R-4672 *	18 x 24	2	1 3/8 x 4 1/2	1 1/8	C	R-4855	26 x 30	2	1 1/2 x 5	1 1/4	A
R-4689 *	18 x 27 1/4	2	2 x 6 3/4	1	C	R-4857	26 x 45	2	1 1/2 x 5 1/2	1	A
R-4692-A	18 x 34	2 1/4	1 7/16 x 8	1	C	R-4890 *	28 x 37	2	1 3/4 x 7 5/8	1 1/4	C
R-4698 *	18 x 36	1 3/4	2 x 4	1 3/8	A	R-4891 **	30 x 48	1 1/2	1 1/2 x 4 1/4	1 1/4	A
R-4710 * +	17 3/4 x 35 3/4	2	1 3/4 x 6 1/4	1 1/8	C	R-4893 ***	30 x 78	2	1 1/2 x 5	1 1/4	C
R-4711 *	18 x 39	2	1 1/4 x 5 1/2	1 1/4	C	R-4893-B *	32 x 34	2	1 x 2	1	C
R-4718	18 3/4 x 36 3/4	2	2 x 8	1	A	R-4894 *	33 x 36	2	1 1/2 x 6 1/2	1 1/4	C
R-4730 •	19 1/2 x 32	1 1/2	2 x 5	1	A	R-4895-2 **	36 x 66	2	1 1/2 x 6 1/2	1 1/4	A

* Angle frame available.

** Grate in two pieces.

*** Grate in three pieces.

§ Grate lettered "DUMP NO WASTE - DRAINS TO RIVER".

+ Grate lettered "DUMP NO WASTE DRAINS TO WATERWAY".

• Light Duty.

¥ Convex.

≡ Meets traffic load called for in AA-6005 of 25,000# proof load.

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