



# Combustion

## North American 50 Hertz Direct Drive Blower Specifications

Sheet 2300-1

50 Hertz Blower designation	Vol., cfht	Pressure, psi	Nominal pipe size, inches		Equivalent 60 Hertz Blower for estimating dimensions and weights
			In	Out	
23055-11/3-__5D‡	3 600	5.5	3	2	2308-11/3-__5D
23055-14/1-__5D	8 400	6.4	3	3	2308-14/1-__7.5D
23055-17/1-__7.5D	16 800	6.5	4	4	2308-17/1-__1.5D
23055-17/1-__1D	22 800	5.7	4	4	2308-17/1-__1.5D
23055-24/1-__1.5D	30 000	6.6	6	6	2308-24/1-__3D
23055-24/1-__2D	43 200	6.2	6	6	2308-24/1-__3D
23055-31/1-__3D	60 000	6.7	8	8	2308-31/1-__5D
23055-21/1-__5D	102 000	6.1	10	10	2308-21/1-__10D
23055-44/1-__7.5D	171 000	6.4	16	16	2308-44/1-__20D
23055-44/1-__10D	237 000	6.0	16	16	2308-44/1-__20D
23055-44/1-__15D	324 000	5.3	16	18	2308-44/1-__25D
2307-11/4-__5D‡	3 900	7.0	3	2	2310-11/4-__5D
2307-19/1-__7.5D	10 200	7.3	3	3	2310-19/1-__2D
2307-19/1-__1D	16 200	7.2	3	4	2310-19/1-__2D
2307-26/1-__1.5D	20 400	7.8	6	6	2310-26/1-__5D
2307-26/1-__2D	32 400	7.6	6	6	2310-26/1-__5D
2307-26/1-__3D	51 000	7.2	6	8	2310-26/1-__5D
23085-11/4-__5D‡	2 400	8.3	3	2	2312-11/4-__5D
23085-19/1-__7.5D	8 400	8.5	3	3	2312-19/1-__1.5D
23085-19/1-__1D	12 600	8.9	3	3	2312-19/1-__1.5D
23085-26/1-__1.5D	15 600	8.8	6	6	2312-26/1-__3D
23085-26/1-__2D	25 800	8.9	6	6	2312-26/1-__3D
23085-26/1-__3D	43 800	8.6	6	8	2312-26/1-__5D
23085-35/1-__5D	81 000	8.3	8	8	2312-35/1-__7.5D
23085-21/1-__7.5D	105 000	9.4	14	10	2312-21/1-__15D
23085-21/1-__10D	153 000	8.2	14	12	2312-21/1-__15D
23085-41/1-__15D	249 000	8.4	16	16	2312-41/1-__25D
23085-41/1-__20D	315 000	8.6	16	16	2312-41/1-__40D
23085-41/1-__25D	378 000	8.0	16	16	2312-41/1-__40D
2311-14/2-__5D‡	2 700	11.6	3	3	2316-14/2-__1D
2311-14/2-__7.5D	6 600	11.8	3	3	2316-14/2-__1D
2311-17/2-__1D	9 000	11.7	4	4	2316-17/2-__2D
2311-17/2-__1.5D	15 600	11.4	4	4	2316-17/2-__2D
2311-26/1-__2D	18 000	11.7	6	4	2316-26/1-__7.5D
2311-26/1-__3D	31 800	11.7	6	6	2316-26/1-__7.5D
2311-28/1-__5D	55 800	11.5	8	6	2316-28/1-__7.5D
2311-26/1-__5D	59 400	11.5	6	6	2316-26/1-__7.5D
2311-35/1-__7.5D	84 000	11.9	8	8	2316-35/1-__10D
2311-35/1-__10D	123 000	10.4	8	10	2316-35/1-__15D
2311-33/1-__15D	174 000	11.7	12	12	2316-33/1-__25D
2311-33/1-__20D	231 000	10.6	12	14	2316-33/1-__25D
2311-41/1-__25D	303 000	11.6	16	16	2316-41/1-__40D

† Service factor is 1.0 on all 50 Hz motors.

‡ TEFC only.

50 Hertz Blower designation	Vol., cfht	Pressure, osi	Nominal pipe size, inches		Equivalent 60 Hertz Blower for estimating dimensions and weights
			In	Out	
2314-19/2-__1.5D	11 400	14.5	3	3	2320-19/2-__3D
2314-26/2-__2D	14 400	14.5	6	6	2320-26/2-__5D
2314-26/2-__3D	25 800	14.3	6	6	2320-26/2-__5D
2314-26/2-__5D	41 400	14.2	6	6	2320-26/2-__7.5D
2314-35/1-__7.5D	69 000	14.2	8	8	2320-35/1-__10D
2314-35/1-__10D	96 000	13.6	8	8	2320-35/1-__15D
2314-21/1-__15D	132 000	14.2	10	10	2320-21/1-__20D
2314-33/1-__20D	204 000	14.2	12	12	2320-33/1-__30D
2314-33/1-__25D	243 000	14.3	12	12	2320-33/1-__50D
2314-33/1-__30D	300 000	13.6	12	14	2320-33/1-__50D
2314-41/1-__50D	516 000	12.9	16	16	2320-41/1-__75D
23165-14/3-__1.5D	9 000	17.5	3	3	2324-14/3-__2D
23165-19/2-__2D	13 200	16.5	4	4	2324-19/2-__3D
23165-26/2-__3D	19 200	17.5	6	6	2324-26/2-__5D
23165-26/2-__5D	36 000	16.6	6	6	2324-26/2-__7.5D
23165-35/2-__7.5D	57 000	17.5	8	8	2324-35/2-__10D
23165-35/2-__10D	81 000	16.8	8	8	2324-35/2-__15D
23165-21/1-__15D	117 000	16.8	10	10	2324-21/1-__20D
23165-33/1-__20D	153 000	17.4	12	12	2324-33/1-__25D
23165-33/1-__25D	201 000	17.1	12	12	2324-33/1-__40D
23165-33/1-__30D	249 000	16.5	12	14	2324-33/1-__40D
2322-19/3-__3D	13 800	23.4	4	4	2332-19/3-__5D
2322-19/3-__5D	22 200	22.2	4	4	2332-19/3-__5D
2322-28/2-__7.5D	37 200	23.8	8	6	2332-28/2-__15D
2322-28/2-__10D	57 000	22.6	8	6	2332-28/2-__15D
2322-21/2-__15D	72 000	23.7	10	8	2332-21/2-__25D
2322-21/2-__20D	105 000	22.8	10	8	2332-21/2-__30D
2322-21/2-__25D	135 000	21.2	10	8	2332-21/2-__40D
2322-21/2-__30D§	168 000	18.0	10	8	2332-21/2-__40D
2322-33/2-__30D	168 000	23.7	12	12	2332-33/2-__50D
2322-33/2-__40D	231 000	21.2	12	12	2332-33/2-__50D
23305-21/2-__20D	78 000	30.6	10	8	2344-21/2-__30D
23305-21/2-__25D	105 000	30.6	10	8	2344-21/2-__40D
23305-21/2-__30D	129 000	30.0	10	10	2344-21/2-__40D

† Service factor is 1.0 on all 50 Hz motors.

§ When ordered as a special blower with 22½" impeller at additional cost (standard impeller is 21"), it will deliver 147 000 cfh at 25.6 osi.

**WARNING:** Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Parts of this product may exceed 160F in operation and present a contact hazard. Fives North American Combustion, Inc. urges compliance with National Safety Standards and Insurance Underwriters' recommendations, and care in operation.



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