

**Americraft Manufacturing Co., Inc.**  
 12017 FIRST AVENUE  
 CINCINNATI, OHIO 45249

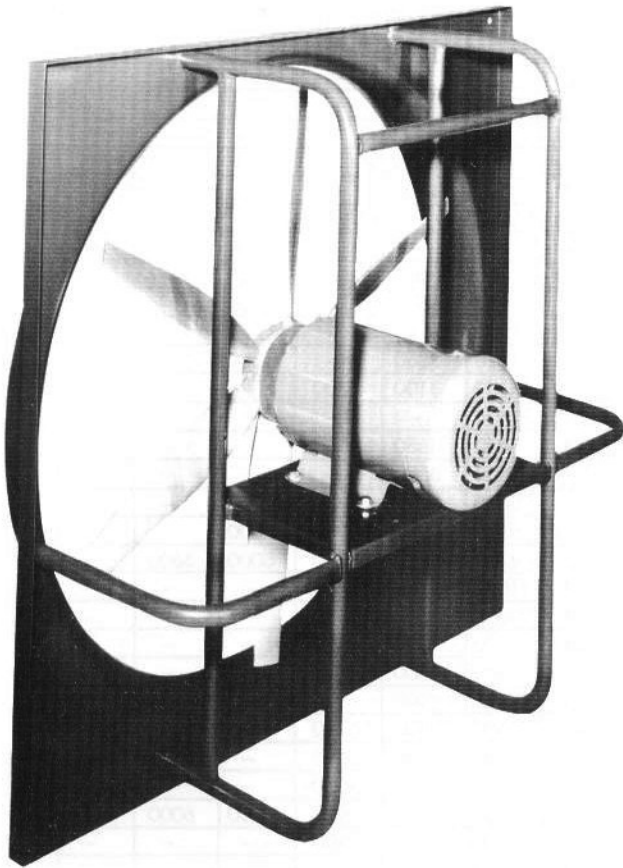
**MODEL 900**  
**DIRECT DRIVEN HIGH PRESSURE**  
**HEAVY DUTY EXHAUST FANS**

**APPLICATION** — These direct driven high pressure exhaust fans are recommended for use in mills, mines, foundries and factories wherever fumes, dust, or smoke must be removed and high static pressures are required.

**PROPELLERS** — Heavy duty one-piece cast aluminum to provide non-sparking feature. Mounted to motor shaft and keywayed to shaft with set screws.

**FRAME** — Heavy duty steel venturi frame completely arc welded with tubular supports. Painted gray enamel.

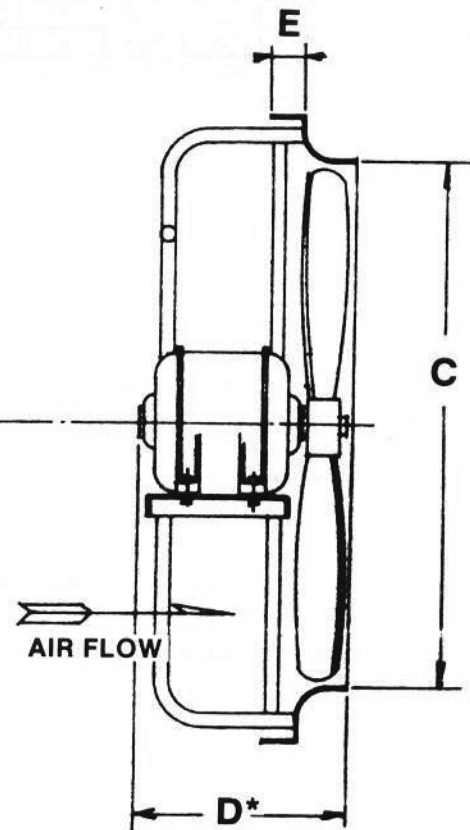
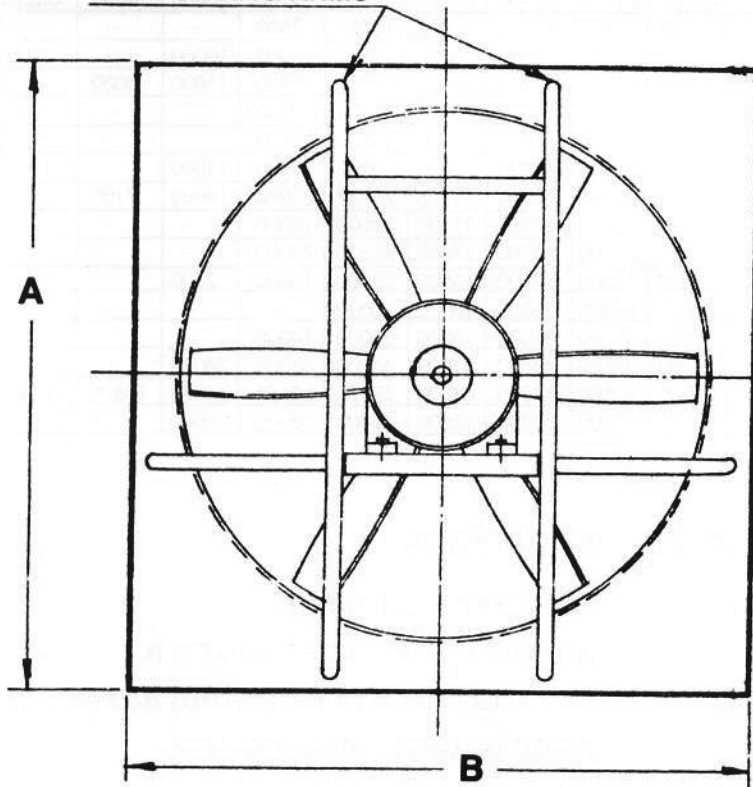
**MOTORS** — Ball bearing. Drip proof, totally enclosed or explosion proof as specified.



D\* Dimension is Approx. Varies with motors.

Model No.	A	B	C	D	E	H.P.	No. Blades	Fan Size
912	16	16	13	11	1	1/4	4	12
916	20	20	17 1/2	11	1	1/4	4-6	16
918	24	24	19 1/2	13	1	1/3-1/2	6	18
920	24	24	21 1/2	13	1	1/4-1	4-6	20
924	30	30	25 1/2	15	2 3/4	1/4-3	4-6	24
930	36	36	31 1/2	15	2 3/4	1/3-3	4-6	30
936	42	42	37 1/2	18	2 3/4	1-5	3-4-6	36
942	48	48	44	18	2 3/4	2-5	4	42
948	54	54	50 1/2	20	2 3/4	3-5	4-6	48
960	66	66	61	22	2 3/4	3-5	4-6	60

**TUBULAR SUPPORTING ARMS**



**PERFORMANCE DATA**

MODEL NUMBER	H.P.	FAN SIZE	FAN R.P.M.	NO. BLADES	PROP. NO.	FREE AIR	CAPACITY C.F.M.							
							1/8"SP	1/4"SP	3/8"SP	1/2"SP	3/4"SP	1"SP	1-1/4"SP	1-1/2"SP
912-1/4	1/4	12"	1725	4	CA101	1180	930	520	--	--	--	--	--	--
916-1/4	1/4	16"	1725	6	CA159	2800	2400	2000	1400	700	--	--	--	--
L-916-1/4	1/4	16"	1150	6	CA160	2100	1700	500	--	--	--	--	--	--
918-1/3	1/3	18"	1725	6	CA106	3375	3000	2600	2000	1400	--	--	--	--
918-1/2	1/2	18"	1725	6	CA161	4150	3850	3150	2800	1700	--	--	--	--
L-920-1/4	1/4	20"	1150	4	CA184	2800	2560	2380	1400	--	--	--	--	--
920-1/4	1/4	20"	1725	4	CA149	3720	3160	2510	1650	--	--	--	--	--
920-1/2	1/2	20"	1725	6	CA148	4800	4450	3950	3340	2500	--	--	--	--
920-1	1	20"	1725	6	CA180	6900	6600	6200	5900	5500	3700	850	--	--
924-1/4	1/4	24"	1725	2	CA130	5200	4200	2820	1050	--	--	--	--	--
L-924-1/3	1/3	24"	1150	6	CA109	4975	4690	4250	3920	2850	--	--	--	--
924-1/2	1/2	24"	1725	4	CA108	6510	5880	5200	4150	3100	1800	--	--	--
L-924-1/2	1/2	24"	1150	4	CA125	6840	6100	5170	1900	--	--	--	--	--
924-3/4	3/4	24"	1725	6	CA173	6900	6510	5900	5440	4650	2750	--	--	--
L-924-3/4	3/4	24"	1150	6	CA114	6900	6450	6265	5600	3300	--	--	--	--
924-1	1	24"	1725	6	CA109	7425	7000	6350	5850	5000	3300	1775	--	--
924-2	2	24"	1725	6	CA162	9525	9196	8810	8360	7980	6960	3000	--	--
924-3	3	24"	1725	6	CA114	10500	9800	9500	9100	8700	7800	5000	3600	--
L-930-1/3	1/3	30"	1150	4	CA167	6950	5550	3900	1500	--	--	--	--	--
930-1/2	1/2	30"	1725	4	CA112	8980	7650	6300	5400	4350	2300	--	--	--
L-930-1/2	1/2	30"	1150	6	CA132	7500	6150	4400	2200	--	--	--	--	--
L-930-3/4	3/4	30"	1150	6	CA113	10440	9750	8750	7640	6000	--	--	--	--
LL-930-1	1	30"	870	6	CA115	10640	10450	9800	9000	7900	--	--	--	--
930-1 1/2	1 1/2	30"	1725	6	CA132	12000	11250	10450	9600	8700	6700	4400	--	--
L-930-1 1/2	1 1/2	30"	1150	6	CA127	13350	12500	11450	10200	8000	5000	--	--	--
L-930-2	2	30"	1150	6	CA115	14000	13750	12900	11850	10450	2500	--	--	--
930-3	3	30"	1725	6	CA113	16000	15350	14700	13850	12900	10200	8000	6000	--
L-936-1	1	36"	1150	4	CA134	13600	12000	11100	9000	7500	2800	--	--	--
LL-936-2	2	36"	870	4	CA163	17600	16500	15200	13620	11400	--	--	--	--
L-936-2	2	36"	1150	6	CA117	17620	16500	15200	13620	12300	8500	--	--	--
L-936-3	3	36"	1150	3	CA129	20500	19500	18500	17100	15850	11600	6500	--	--
936-5	5	36"	1725	6	CA117	23000	22150	21100	20200	19000	18100	16400	14500	6000
L-942-2	2	42"	1150	4	CA165	17964	17277	15326	13990	12351	7600	--	--	--
L-942-3	3	42"	1150	4	CA175	24500	23150	23000	22000	19650	14000	10000	--	--
L-942-5	5	42"	1150	4	CA119	28970	27960	26840	25700	24200	19500	13800	2000	--
LL-942-1	1	42"	870	4	CA165	15800	15200	13480	12310	5800	900	--	--	--
LL-942-2	2	42"	870	4	CA119	22040	21000	20500	18500	15000	6000	--	--	--
L-948-3	3	48"	1150	4	CA137	28600	26500	24400	22000	20000	15900	11000	--	--
L-948-5	5	48"	1150	4	CA185	32000	30493	28900	27173	25432	21054	14985	7100	--
LL-948-3	3	48"	870	4	CA139	28700	26500	24200	21600	18500	10000	--	--	--
LL-948-5	5	48"	870	4	CA138	33000	31500	29750	27650	25300	18000	--	--	--
L-960-5	5	60"	1150	4	CA142	45000	41000	37000	33500	28500	16000	2500	--	--
LLL-960-3	3	60"	690	4	CA230	35000	31800	26000	18000	10800	--	--	--	--
LL-960-5	5	60"	870	2	CA169	45200	41500	37000	33000	26000	14000	--	--	--
LL-960-7 1/2	7 1/2	60"	870	6	CA228	47000	45500	43600	41000	38700	33000	24000	--	--
LLL-960-7 1/2	7 1/2	60"	690	6	CA227	51000	49500	47250	43500	39375	30750	21375	16875	12000
LL-960-10	10	60"	870	4	CA143	57200	54400	51000	48500	45000	38000	29500	--	--

**ACCESSORIES AND OPTIONS**

**PROTECTIVE COATINGS** — Epoxy and Eisenheiss coatings provide good protection against most corrosive agents.

**FAN GUARDS** — Front and rear. Also guard for propeller only.

**AUTOMATIC SHUTTERS.**

**MANUALLY OPERATED SHUTTER.**

**FAN AND SHUTTER MOUNTING BOXES.**

**ROOF MOUNTED PENTHOUSES.**