

# Roof Ventilator

## MODEL 1900B – INDUSTRIAL ROOF VENTILATOR – BELT DRIVE

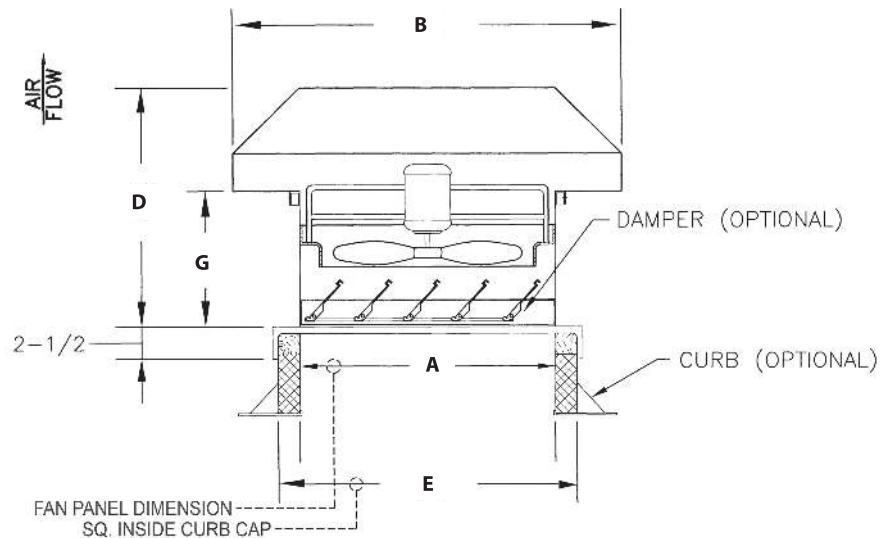


### APPLICATION

Designed for general ventilation needs. Available for intake or exhaust air flow and belt driven or direct driven construction.

### FEATURES AND BENEFITS

- Heavy gauge continuously welded curb cap provides watertight construction.
- Standard construction includes rugged fabricated steel propellers; non-sparking cast aluminum propellers available for hazardous locations.
- Standard construction is belt driven but is also available in direct drive if required.
- Can be built for supply or exhaust with special reversible propeller.
- Fabricated aluminum weather hood with removable birdscreen. Easily opened and fully supported in place for full access to fan inside.



\*Fan shown in exhaust configuration.

### DIMENSIONS (subject to change without notice)

MODEL	A	B	D	E	G	HP
1924	30"	54" x 64"	41 1/2"	39"	28"	1/4-1
1930	36"	60" x 76"	41 1/2"	45"	28"	1/3-1 1/2
1936	42"	72" x 82"	45 1/2"	51"	30"	1/3-2
1942	48"	80" x 89"	45 1/2"	57"	30"	1/2-3
1948	54"	87" x 95"	49 1/2"	63"	32"	3/4-5
1954	60"	92" x 98"	50 1/2"	69"	32"	1-5
1960	66"	90" x 107"	54 1/2"	75"	34"	1-7 1/2

## MODEL 1900B – INDUSTRIAL ROOF VENTILATOR – BELT DRIVE PERFORMANCE DATA

Blade Dia.	Model	Prop	HP	RPM	Free Air	CAPACITY C.F.M.		
						1/8" SP	1/4" SP	3/8" SP
24"	1924-B-1/4	S24	1/4	780	4222	2807	1576	800
	1924-B-1/2	S24	1/2	980	5716	5061	4043	2600
	1924-B-3/4	S24	3/4	1140	6648	6144	5518	4413
	1924-B-1	X24	1	1250	6696	6271	5600	4464
30"	1930-B-1/3	S30	1/3	595	6380	3617	1808	767
	1930-B-1/2	S30	1/2	640	7170	4486	2724	1373
	1930-B-3/4	S30	3/4	770	9192	7657	5108	3833
	1930-B-1	X30	1	975	9959	8626	6828	5184
	1930-B-1 1/2	X30	1 1/2	1140	11867	11112	9656	8135
36"	1936-B-1/3	S36	1/3	460	6992	3722	1825	---
	1936-B-1/2	S36	1/2	530	8821	5985	3642	2084
	1936-B-3/4	S36	3/4	605	10583	8563	5545	4017
	1936-B-1	S36	1	665	11932	10299	7913	5729
	1936-B-1 1/2	X36	1 1/2	720	12012	9579	7240	5000
	1936-B-2	X36	2	870	15376	14088	11942	9691
42"	1942-B-1/2	S42	1/2	390	9352	4957	3050	1642
	1942-B-3/4	S42	3/4	435	11530	7633	4847	3311
	1942-B-1	S42	1	490	13194	10438	6414	4668
	1942-B-1 1/2	S42	1 1/2	550	15421	13117	9980	7289
	1942-B-2	X42	2	725	19128	17503	15264	11319
	1942-B-3	X42	3	830	22296	20984	19406	17290
48"	1948-B-3/4	S48	3/4	370	13700	7389	4283	2244
	1948-B-1	S48	1	410	16078	10908	6378	4037
	1948-B-1 1/2	S48	1 1/2	465	19010	14991	10950	7081
	1948-B-2	S48	2	520	21943	19080	15532	10125
	1948-B-3	X48	3	680	25683	23615	20820	16930
	1948-B-5	X48	5	800	30900	29290	27380	25000
54"	1954-B-1	X54	1	410	20588	17500	11640	9600
	1954-B-1 1/2	X54	1 1/2	450	22600	19300	12782	10316
	1954-B-2	X54	2	480	24312	20660	13642	11010
	1954-B-3	X54	3	550	28722	25830	21730	15420
	1954-B-5	X54	5	660	35238	32843	30298	26538
60"	1960-B-1	X60	1	280	19161	12850	---	---
	1960-B-1 1/2	X60	1 1/2	340	23283	15624	11434	8000
	1960-B-2	X60	2	390	26710	17924	13118	9380
	1960-B-3	X60	3	450	32356	25324	18705	15013
	1960-B-5	X60	5	540	41232	35819	29000	23237
	1960-B-7 1/2	X60	7 1/2	610	47000	43000	40000	32000

### OPTIONAL ACCESSORIES

- Gravity, counterbalanced or motorized dampers
- Weatherproof non-fused disconnect switches
- Insulated roof curbs for flat or pitched roofs
- Filter box section for intake units (reduced CFM)