

# ELECTRIC DRIVEN PORTABLE BLOWERS

## 2400 CFM to 43100 CFM (4.078 to 73.235 m3/HR)



**Class 21-12 Inch TEFC**



**Class 21-24 in Explosion Proof**

ORDER BLOWER BY CODE NUMBER. SPECIFY VOLTAGE CODE LETTER. ORDER AIR DUCT BY CODE NUMBER

A	115	1	60
B	208	1	60
C	230	1	60
D	208	3	60
E	230	3	60
F	460	3	60
G	575	3	60
H	110	1	50
I	220	1	50
J	220	3	50
K	380	3	50
Z	Specify		

### Class 21-12 Inch Explosion Proof Application:

- Keep men and machinery cool
- Cool bearing housing
- Ventilate ballast tank during repair
- Gas free tanks
- Cool reactor vessels
- Ventilate casons on rigs
- Cool steam tunnels
- Supply fresh air to men in ship construction
- Ventilate large tanks
- Reduce epoxy and paint curing time in tanks
- Cool transformer and switch – gear bank
- Recessed flanges with bolt holes on both ends for securing unit
- Carrying Handle(s)
- QTY 4-1” holes in base for securing unit
- Rigid motor mount with gusseted chair
- Large hub area of wheel prevents flowback
- Crane lifting lugs on 24” amd larger
- Motor and switch with overload prewired

### Standard Materials:

- Steel housing all welded
- Steel guards
- Aluminum non-spark propeller
- Marine grade epoxy paint
- Motor with permanent lubricated ball bearing
- Totally Enclosed Fan Cooled (TEFC) blowers supplied with NEMA1 enclosure
- Explosion proof (XP) blowers supplied starter in NEMA 7 and 9 enclosure

### Standard Features:

- 8 sizes – 12” to 48” diameter
- Direct drive – no belts or gears to maintain
- Heavy gauge welded construction
- Fan guards on both ends
- Start/stop switch with overload
- Ends suitable for attaching flexible air duct

### Accessories

- Explosion Proof flame retardant (UL94), marine grade, non-collapsible wire reinforced and groundable flexible air duct with stainless clamp. Standard length 25ft.

Code No.	Code No.	HP	Speed	Fan Diam.	CFM	CFM	CFM	CFM	CFM	Air Duct
TEFC	XP		RPM	(inches)	0" S.P.	.5" S.P.	.75" S.P.	1" S.P.	1.5" S.P.	25 ft
										Code No
2112_10	2112_11	0.75	3450	12	2400	2240	2150	2040	1760	8512N25
2116_12	2116_13	1	3450	16	4000	3640	3460	3275	2800	8516N25
2118_14	2118_15	3	3450	18	6200	5960	5800	5650	5350	8518N25
2124_16	2124_17	5	3450	24	11500	11000	10700	10400	9700	8524N25
2130_18	2130_19	5	1725	30	17600	16600	15300	14000	9800	8530N25
2136_20	2136_21	5	1725	36	22000	18500	16500	14400	8300	8536N25
2142_22	2142_23	7.5	1725	42	34600	30200	27800	24600	17800	8542N25
2148_24	2148_25	10	1200	48	42100	35800	31800	26100	21000	8548N25