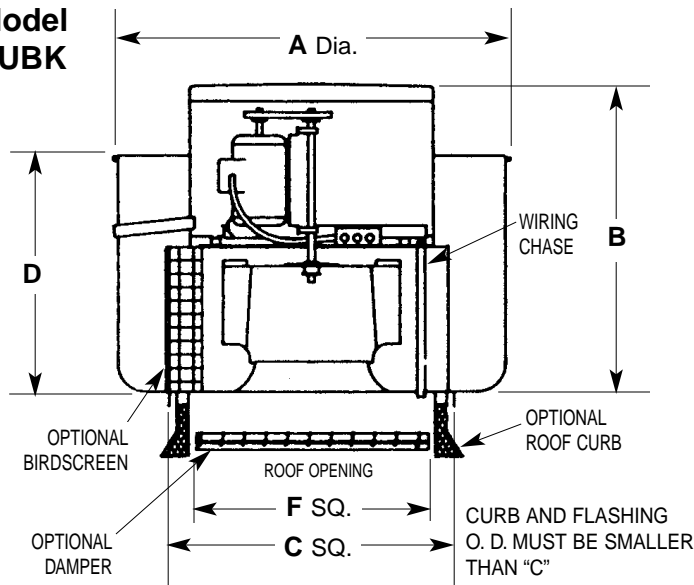


Imperial [IP] Dimensions
Metric [SI] on Reverse Side

CARNES COMPANY, Verona, WI. Phone: 608-845-6411 Fax: 608-845-6470 carnes@carnes.com www.carnes.com

**Model
VUBK**



STANDARD FEATURES

- Spun and shaped aluminum housing.
- Integral drain opening.
- Integral motor overload protection on all standard single phase motors.
- Disconnect switch on all motors except explosion proof.
- Adjustable motor sheave factory preset to requested RPM.
- Dual drive belts furnished on 5 HP and above.
- Ventilated motor compartment with motor out of airstream.
- Non-overloading, backwardly inclined wheel.
- Isolated, suspended motor wheel-drive assembly.
- Spark resistant construction through size 24.
- Polished CRS fan shaft with rust inhibitive coating.
- Pillow Block Bearing L₅₀ = 200,000 Hrs.

DIMENSIONS [Listed In Inches]

Unit Size	Unit Diameter A	Unit Height B		Inside Curb Cap C	Outer Shroud Height D	Roof Opening Square F	Curb O. D. Square	Damper Size Square	Approx. Wt. Less Motor [Lb.]
		Standard Height	Extended Height						
06	25-5/8	21-1/4	26	15-1/2	11-7/8	11	14	10	40
08	25-3/4	22-5/8	26-3/4	15-1/2	12-3/4	11	14	10	40
10	27-5/8	23-1/4	28	17-5/8	15	13	16	12	45
12	27-3/4	24-7/8	29-5/8	17-5/8	16-5/8	13	16	12	45
15	32-3/4	27-7/8	32-5/8	20-1/2	20-1/4	16	19	15	65
18	38-3/4	29-1/8	33	25	23-7/8	20-1/2	23-1/2	19	65
21	44	33-1/2	37-1/2	28-1/8	23-7/8	23-1/2	26-1/2	22	120
24	48	36-1/2	40-1/2	31-1/8	26-3/8	26-1/2	29-1/2	26	150
30	56	41-3/4	48-1/2	40-1/8	34-5/8	35-1/2	38-1/2	34	220
36	65	44-5/8	51-3/8	46-1/8	35-1/2	41-1/2	44-1/2	40	350
42	73	48-3/8	55-1/8	54-1/8	37-3/4	49-1/2	52-1/2	48	530
48	81	50-5/8	57-3/8	58-1/8	38-7/8	53-1/2	56-1/2	52	585

MATERIAL AND THICKNESS [Listed In Inches]

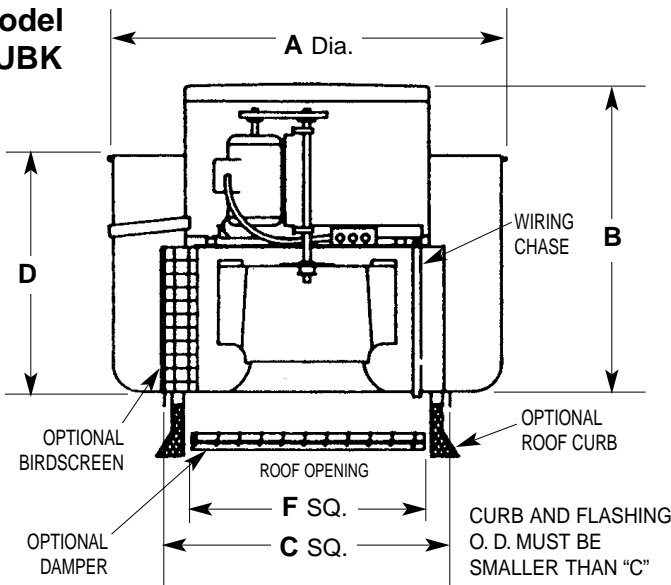
Unit Size	Motor Cover		Shroud		Curb Cap [Alum.]	Shaft Dia. [CRS]	Standard Wheel	Diffuser [Galv. Steel]	Support Frame [Steel Angle]
	Lid [Alum.]	Tube [Alum.]	Upper [Alum.]	Outer/Lower [Alum.]					
06	.063	.040	—	.080	.050	3/4	Alum.	22 ga.	—
08	.063	.040	—	.080	.050	3/4	Alum.	22 ga.	—
10	.063	.040	—	.080	.050	3/4	Alum.	22 ga.	—
12	.063	.040	—	.080	.050	3/4	Alum.	22 ga.	—
15	.063	.040	—	.080	.050	3/4	Alum.	22 ga.	—
18	.063	.040	.063	.080	.063	3/4	Alum.	18 ga.	—
21	.063	.040	.063	.080	.080	1	Alum.	18 ga.	—
24	.063	.040	.063	.080	.080	1	Alum.	18 ga.	—
30	.080	.063	.063	.080	.080	1-3/16	Steel	—	1-1/2x1-1/2x1/8
36	.080	.063	.063	.080	.080	1-7/16	Steel	—	1-1/2x1-1/2x1/4
42	.080	.063	.063	.080	.080	1-15/16	Steel	—	1-1/2x1-1/2x1/4
48	.080	.063	.063	.080	.080	1-15/16	Steel	—	1-1/2x1-1/2x1/4

MODEL VUBK - BELT DRIVE UPBLAST VENTILATOR

Metric (SI) Dimensions
Imperial [IP] on Reverse Side

CARNES COMPANY, Verona, WI. Phone: 608-845-6411 Fax: 608-845-6470 carnes@carnes.com www.carnes.com

Model VUBK



STANDARD FEATURES

- Spun and shaped aluminum housing.
- Integral drain opening.
- Integral motor overload protection on all standard single phase motors.
- Disconnect switch on all motors except explosion proof.
- Adjustable motor sheave factory preset to requested RPM.
- Dual drive belts furnished on 5 HP and above.
- Ventilated motor compartment with motor out of airstream.
- Non-overloading, backwardly inclined wheel.
- Isolated, suspended motor wheel-drive assembly.
- Spark resistant construction through size 24.
- Polished CRS fan shaft with rust inhibitive coating.
- Pillow Block Bearing L₅₀ = 200,000 Hrs.

DIMENSIONS (Listed In Millimeters)

Unit Size	Unit Diameter A	Unit Height B		Inside Curb Cap C	Outer Shroud Height D	Roof Opening Square F	Curb O. D. Square	Damper Size Square	Approx. Wt. Less Motor [Kgs.]
		Standard Height	Extended Height						
06	651	540	660	394	302	279	356	254	18
08	654	575	679	394	324	279	356	254	18
10	702	591	711	448	381	330	406	305	20
12	705	632	752	448	422	330	406	305	20
15	832	708	829	521	514	406	483	381	30
18	984	740	838	635	606	521	597	483	39
21	1118	851	953	714	606	597	673	559	55
24	1219	927	1029	791	670	673	749	660	68
30	1422	1060	1232	1019	879	902	978	864	100
36	1651	1133	1305	1172	902	1054	1130	1016	159
42	1854	1229	1400	1375	959	1257	1334	1219	241
48	2057	1286	1457	1476	987	1359	1435	1321	266

MATERIAL AND THICKNESS (Listed In Millimeters)

Unit Size	Motor Cover		Shroud		Curb Cap [Alum.]	Shaft Dia. [CRS]	Standard Wheel	Diffuser [Galv. Steel]	Support Frame [Steel Angle]
	Lid [Alum.]	Tube [Alum.]	Upper [Alum.]	Outer/Lower [Alum.]					
06	1.6	1.0	—	2.0	1.3	19	Alum.	22 ga.	—
08	1.6	1.0	—	2.0	1.3	19	Alum.	22 ga.	—
10	1.6	1.0	—	2.0	1.6	19	Alum.	22 ga.	—
12	1.6	1.0	—	2.0	1.6	19	Alum.	22 ga.	—
15	1.6	1.0	—	2.0	1.6	19	Alum.	22 ga.	—
18	1.6	1.0	1.6	2.0	1.6	19	Alum.	18 ga.	—
21	1.6	1.0	1.6	2.0	1.6	25	Alum.	18 ga.	—
24	1.6	1.0	1.6	2.0	1.6	25	Alum.	18 ga.	—
30	2.0	1.6	1.6	2.0	2.0	30	Steel	—	38x38x3
36	2.0	1.6	1.6	2.0	2.0	37	Steel	—	38x38x6
42	2.0	1.6	1.6	2.0	2.0	49	Steel	—	38x38x6
48	2.0	1.6	1.6	2.0	2.0	49	Steel	—	38x38x6