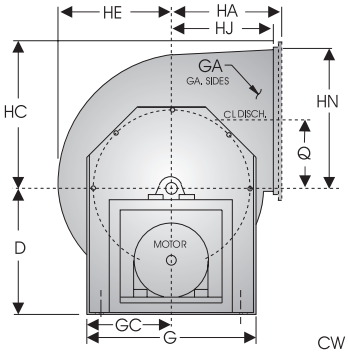
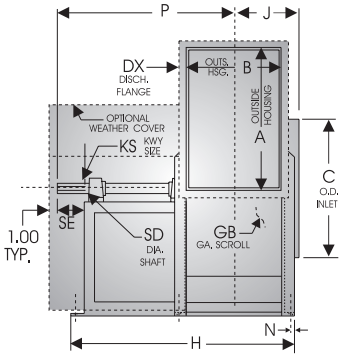
MODEL VP-BI & FC
BELT DRIVEN UTILITY SETS
VENT-PAK SERIES - CLASS I

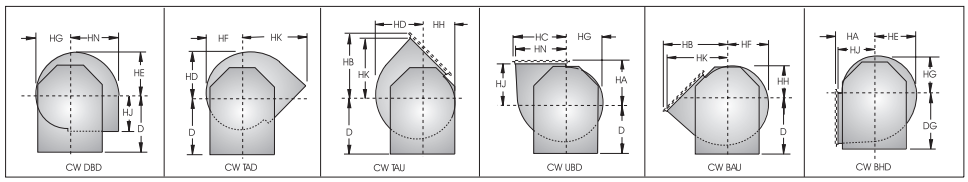




CW THD

6393 Powers Avenue
Jacksonville, Florida 32217-2298
P: 800.961.7370 / F: 800.961.7379
www.solerpalau-usa.com
Soler&Palau Ventilation Group

Notes:
1. Flanged outlet is optional on sizes 12-20. Flanged outlet is standard on sizes 22-36 (except on TAD & DBD).
2. "CW" rotation is shown. "CCW" rotation is similar but opposite.
3. ✻ Shaft diameter is increased to 1.187 on Hi-Temp fans which require shaft coolers.
4. Unit rotatable to all positions (except BHD on sizes 30, 33 & 36 with "D" centerline height.)



UL Standard 705 for Electrical
UL Standard 762 for Grease Removal
(Optional-available on VI units only)

Size	A	B	C	D	DG	DX	G	GA	GB	GC	H	HA	HB	HC	HD	HE	HF
12	13.00	9.75	13.25	14.50	14.50	1.00	16.00	14.00	14.00	8.00	24.50	9.75	16.75	13.94	11.19	10.56	9.94
13	14.31	10.81	14.56	15.75	15.75	1.00	17.50	14.00	14.00	8.75	25.63	10.75	18.38	15.25	12.31	11.63	10.94
15	15.88	11.94	16.19	17.75	17.75	1.00	19.00	14.00	14.00	9.50	28.75	11.94	20.31	16.81	13.75	12.88	12.13
16	17.44	13.19	17.75	19.00	19.00	1.00	20.50	14.00	14.00	10.25	30.13	13.13	22.25	18.38	15.06	14.13	13.31
18	19.38	14.56	19.50	21.00	21.00	1.25	22.50	12.00	14.00	11.25	34.38	14.50	24.81	20.56	16.69	15.69	14.75
20	21.19	15.94	21.38	22.75	22.75	1.25	25.00	12.00	14.00	12.50	35.75	15.81	27.00	22.38	18.38	17.31	16.25
22	23.56	17.69	23.75	25.50	25.50	1.25	27.25	12.00	14.00	13.63	40.75	17.69	30.00	24.75	20.44	19.06	17.94
24	25.94	19.44	26.06	28.00	28.00	1.25	29.75	12.00	14.00	14.88	43.50	19.50	33.00	27.13	22.38	21.00	19.75
27	28.63	21.38	28.50	30.50	30.50	1.50	33.00	12.00	14.00	16.50	47.38	21.44	36.44	30.06	24.69	23.19	21.81
30	31.81	23.81	31.63	27.50	34.25	1.50	36.13	10.00	12.00	18.06	52.88	23.81	40.31	33.25	27.44	25.75	24.25
33	35.13	26.06	34.75	30.00	37.25	1.50	38.88	10.00	12.00	19.44	56.13	26.25	44.44	36.56	30.13	28.38	26.69
36	38.75	28.88	38.50	33.50	41.00	1.50	43.75	10.00	12.00	21.88	64.56	29.00	48.88	40.13	33.50	31.50	29.63

Size	HG	HH	HJ	HK	HN	J	KS	L	N	P	Q	SD	SE	Max. Motor
12	9.31	8.69	9.25	15.69	12.94	7.44	.25x.13	12.00	0.50	19.75	6.44	1.000	2.75	145T
13	10.25	9.56	10.25	17.31	14.25	8.00	.25x.13	12.00	0.50	20.31	7.13	1.000	2.75	145T
15	11.38	10.63	11.44	19.25	15.81	9.06	.25x.13	13.88	0.50	23.13	7.88	1.000	3.25	184T
16	12.50	11.69	12.63	21.19	17.38	9.69	.25x.13	13.88	0.63	23.75	8.69	1.000*	3.25	184T
18	13.81	12.88	14.00	23.56	19.31	10.88	.25x.13	16.75	0.63	27.94	9.63	1.187	3.75	215T
20	15.19	14.13	15.31	25.75	21.13	11.56	.38x.19	16.75	0.63	28.63	10.56	1.437	3.75	215T
22	16.81	15.69	17.19	28.75	23.50	12.44	.38x.19	19.00	0.88	27.63	11.75	1.437	3.75	215T
24	18.50	17.25	19.00	31.75	25.88	13.31	.38x.19	20.00	0.88	29.00	12.94	1.437	3.75	215T
27	20.44	19.06	20.94	35.00	28.56	14.25	.38x.19	22.00	0.88	31.69	14.25	1.437	4.00	215T
30	22.75	21.25	23.31	38.94	31.75	15.50	.50x.25	24.00	1.13	40.38	15.81	1.937	3.75	215T
33	25.00	23.31	25.75	43.00	35.06	16.63	.50x.25	25.00	1.13	42.50	17.50	1.937	3.75	256T
36	27.75	25.88	28.50	47.44	39.63	18.00	.50x.25	28.88	1.13	50.56	19.25	1.937	4.75	286T

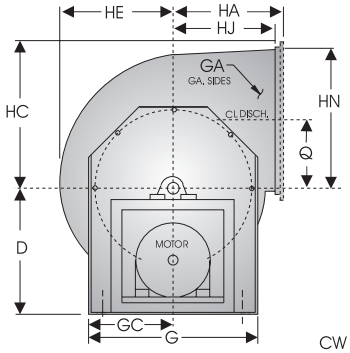
FAN SPECIFICATIONS									MOTOR SPECIFICATIONS				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													

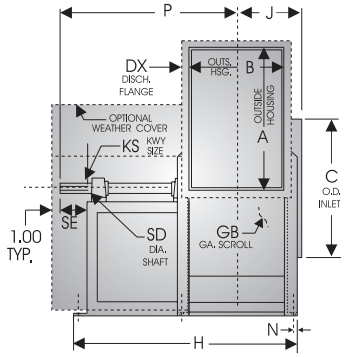
ACCESSORY ITEMS	1	2	3	4	5	ACCESSORY ITEMS	1	2	3	4	5
	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐

Project: _____ Submitted: _____
Customer: _____ Approved: _____
Location: _____

Subject to change unless approved in submittal by Soler & Palau

MODEL VP-BI & FC
BELT DRIVEN UTILITY SETS
VENT-PAK SERIES - CLASS II





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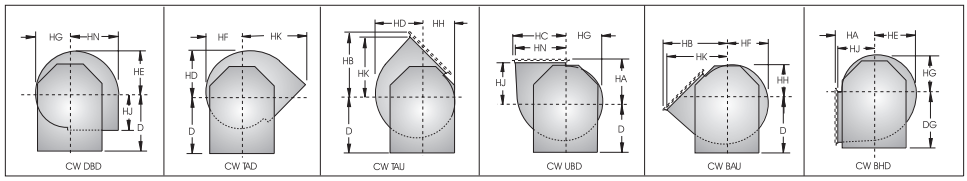

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Size	A	B	C	D	DG	DX	G	GA	GB	GC	H	HA	HB	HC	HD	HE	HF
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13	14.31	10.81	14.56	19.13	19.13	1.00	17.50	14.00	14.00	8.75	34.81	10.75	18.38	15.25	12.31	11.63	10.94
15	15.88	11.94	16.19	19.38	19.38	1.00	19.00	14.00	14.00	9.50	36.00	11.94	20.31	16.81	13.75	12.88	12.13
16	17.44	13.19	17.75	19.38	19.38	1.00	20.50	14.00	14.00	10.25	37.31	13.13	22.25	18.38	15.06	14.13	13.31
18	19.38	14.56	19.50	21.88	21.88	1.25	22.50	12.00	14.00	11.25	43.44	14.50	24.81	20.56	16.69	15.69	14.75
20	21.19	15.94	21.38	22.75	22.75	1.25	25.00	12.00	14.00	12.50	44.81	15.81	27.00	22.38	18.38	17.31	16.25
22	23.56	17.69	23.75	25.50	25.50	1.25	27.25	12.00	14.00	13.63	47.13	17.69	30.00	24.75	20.44	19.06	17.94
24	25.94	19.44	26.06	28.00	28.00	1.25	29.75	12.00	14.00	14.88	48.81	19.50	33.00	27.13	22.38	21.00	19.75
27	28.63	21.38	28.50	30.50	30.50	1.50	33.00	12.00	14.00	16.50	53.00	21.44	36.44	30.06	24.69	23.19	21.81
30	31.81	23.81	31.63	27.50	34.25	1.50	36.13	10.00	12.00	18.06	56.00	23.81	40.31	33.25	27.44	25.75	24.25
33	35.13	26.06	34.75	30.00	37.25	1.50	38.88	10.00	12.00	19.44	61.75	26.25	44.44	36.56	30.13	28.38	26.69
36	38.75	28.88	38.50	33.50	41.00	1.50	43.75	10.00	12.00	21.88	64.56	29.00	48.88	40.13	33.50	31.50	29.63

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12	9.31	8.69	9.25	15.69	12.94	7.44	.25x.13	18.50	0.50	26.50	6.44	1.187	2.75	184T
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15	11.38	10.63	11.44	19.25	15.81	9.06	.25x.13	20.25	0.50	30.13	7.88	1.187	3.38	215T
16	12.50	11.69	12.63	21.19	17.38	9.69	.25x.13	20.00	0.63	30.75	8.69	1.187	3.38	215T
18	13.81	12.88	14.00	23.56	19.31	10.88	.38x.19	24.75	0.63	36.81	9.63	1.437	4.00	256T
20	15.19	14.13	15.31	25.75	21.13	11.56	.38x.19	24.63	0.63	37.50	10.56	1.437	4.00	256T
22	16.81	15.69	17.19	28.75	23.50	12.44	.38x.19	23.88	0.88	38.38	11.75	1.437	4.00	256T
24	18.50	17.25	19.00	31.75	25.88	13.31	.38x.19	23.88	0.88	39.25	12.94	1.687	4.00	256T
27	20.44	19.06	20.94	35.00	28.56	14.25	.38x.19	26.13	0.88	43.13	14.25	1.687	4.63	286T
30	22.75	21.25	23.31	38.94	31.75	15.50	.50x.25	25.38	1.13	44.44	15.81	1.937	4.63	286T
33	25.00	23.31	25.75	43.00	35.06	16.63	.50x.25	28.88	1.13	49.69	17.50	2.187	5.25	326T
36	27.75	25.88	28.50	47.44	39.63	18.00	.63x.31	28.88	1.13	51.06	19.25	2.437	5.25	326T

FAN SPECIFICATIONS									MOTOR SPECIFICATIONS				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
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ACCESSORY ITEMS	1	2	3	4	5	ACCESSORY ITEMS	1	2	3	4	5
	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐
	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐

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