

SOLER AND PALAU FANS

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INDEX

CROSS REFERENCE MODELS	12-6 – 12-7	SPUN ALUMINUM ROOF TOP FANS (cont'd)	
GRAVITY RELIEF AND INTAKE FANS		CENTRIFUGAL FILTERED SUPPLY –	
GRAVITY RELIEF AND INTAKE VENTILATORS –		MODEL LSF	12-4
MODEL RCXII/RCXII-SF/BGH/RLX.....	12-3	MODEL SRT.....	12-4
INLINE FANS		DOWNBLAST DIRECT DRIVE CENTRIFUGAL	
MIXVENT SERIES – MODEL TD	12-2	ROOF EXHAUSTER – MODEL RED	12-4
POWERVENT SERIES – MODEL PV	12-2	UPBLAST BELT DRIVE CENTRIFUGAL	
SQUARE INLINE CENTRIFUGAL		ROOF EXHAUSTER – MODEL TXB.....	12-4
DUCT – MODEL SQB AND SQD	12-2	UPBLAST DIRECT DRIVE CENTRIFUGAL	
SIDEWALL SERIES – MODEL SWF.....	12-2	ROOF EXHAUSTER – MODEL TXD	12-4
ROOF TOP FANS		TUBAXIAL FANS	
BELT DRIVE CENTRIFUGAL FILTERED		COMPACT DUCT AXIAL – MODEL DA.....	12-3
ROOF SUPPLY – MODEL KSF	12-5	TUBEAXIAL DUCT – MODEL BDT/ DDT	12-3
HOODED PROPELLER ROOF EXHAUSTER –		VENT SETS	
MODEL HREBC/HRED-C	12-5	BELT DRIVEN – MODEL BVS	12-3
HOODED PROPELLER ROOF SUPPLY –		WALL FANS	
MODEL HRSB/HRSD.....	12-5	CENTRIFUGAL WALL MOUNTED EXHAUSTER	
MIXVENT – MODEL TH	12-5	DIRECT DRIVE – MODEL CWD	12-3
UPBLAST BELT DRIVE PROPELLER ROOF EXHAUSTER		COMPACT WALL – MODEL WA	12-2
MODEL UBB, UBX, UBRD	12-5	DIRECT DRIVE SIDEWALL PROPELLER –	
MODEL UBS, UBSRD/-HT/-HT1	12-5	MODEL GED/GSD, DFE/DFS, DDE/DDS.....	12-3
UPBLAST BELT DRIVE TUBEAXIAL ROOF EXHAUSTER		HEAVY DUTY SIDEWALL BELT DRIVE	
MODEL TUB/TUB-HT	12-5	PROPELLER – MODEL L2.....	12-3
SPUN ALUMINUM ROOF TOP FANS		SIDEWALL BELT DRIVE PROPELLER – MODEL LC	12-3
CENTRIFUGAL FILTERED SUPPLY – MODEL CSF	12-4	WALL EXHAUST SHUTTER – MODEL S.....	12-2
DOME AXIAL ROOF EXHAUST OR SUPPLY			
MODEL ARE/ARS	12-4		
DOWNBLAST BELT DRIVE CENTRIFUGAL			
ROOF EXHAUSTER –			
MODEL DB	12-4		
MODEL LPD.....	12-4		

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INLINE FANS

MODEL TD — MIXVENT SERIES

The TD-MIXVENT series of in-line duct fans have been specially designed to maximize the airflow performance with minimal noise levels within the smallest and most compact housing size. This makes the TD-MIXVENT series the ultimate solution for small to medium sized ventilation installations, which require a high airflow to pressure ratio and occupy only the minimum space possible. Example: false ceiling voids, cabinets and many other limited space environments.



MODEL PV — POWERVENT SERIES

The POWERVENT (PV) are designed for direct connection in-line with standard diameter round ducting. This powerful combination enables the PV fans to deliver exceptional airflow performances against high static pressure typically found in ducted ventilation systems. All motors within PV fans are fully speed controllable using voltage or frequency control regulators.



MODEL SWF — SIDEWALL SERIES

When indoor space is limited, the Sidewall Fan Series (SWF) has been specially designed for an easy, low profile, exterior wall installation. The Sidewall Fan Series (SWF) of direct drive centrifugal in-line ventilation fans consists of five models ranging from 4-8". All models are designed for direct connection in-line with standard diameter round ducting. Airflow performance values range from 119 CFM up to 416 CFM.



MODELS SQB AND SQD SQUARE IN-LINE CENTRIFUGAL DUCT FANS

Models SQB and SQD Square In-line Centrifugal Duct fans are the perfect selection for clean air applications where space is a leading consideration. Model SQB fans are available in sizes 7 through 42 with airflow performance from 100 to over 24,000 CFM and static pressure capabilities to 3-1/2". Model SQD fans are available in sizes 6 through 15, moving up to 2,800 CFM with static pressure capabilities to 1".



WALL FANS

MODEL S — WALL EXHAUST SHUTTER FAN

- Available in 8" to 36" Blade Sizes
- Totally Enclosed, Ball Bearing Motor with Thermal Auto Reset
- Sturdy Well Built Motor Mount/Blade Guard
- Efficiently Designed and Balanced Axial Blades
- Quality Engineered and Powder Coated Metal Wall Housing
- Extruded Aluminum Back Draft Shutters
- Low Leakage Nylon Shutter Seals
- Optional OSHA Guards
- Completely Assembled and Ready to Install



MODEL WA — COMPACT WALL FAN

The COMPACT WALLAXIAL FANS feature, as the name suggests, an extremely compact design created by the combination of an external rotor motor matched with a direct drive wrapped around an impeller hub. This very low profile design optimizes airflow performance while minimizing noise generation. This fan requires an absolute minimum depth for any given wall, ceiling or panel mounted installation.



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WALL FANS (cont'd)

MODEL LC — SIDEWALL BELT DRIVE PROPELLER FAN

- Sizes 20 to 60
- 3,000 to 40,000 CFM
- Static Pressure to 1/2"
- AMCA Seal for Air and Sound
- High Efficiency/Low Cost



MODEL L2 — HEAVY DUTY SIDEWALL BELT DRIVE PROPELLER FAN

- Sizes 10 to 160
- 600 to 55,800 CFM
- Static Pressure to 1"
- AMCA Seal for Air and Sound
- Reversible Models Available



MODELS GED/GSD, DFE/DFS, DDE/DDS — DIRECT DRIVE SIDEWALL PROPELLER FAN

- Sizes 10 to 20
- 380 to 5,200 CFM
- Static Pressure to 1"



MODEL CWD — CENTRIFUGAL WALL MOUNTED SIDEWALL EXHAUSTER

DIRECT DRIVE

- Sizes 7 to 16
- 150 to 3,360 CFM
- Static Pressure to 1"
- AMCA Seal for Air Performance
- CSA/UL Listing Available



TUBEAXIAL FANS

MODEL DA — COMPACT DUCT AXIAL FAN

The COMPACT DUCT AXIAL FANS feature, as the name suggests, an extremely compact design created by the combination of an external rotor motor matched with a direct drive wrapped around an impeller hub. This very low profile design optimizes airflow performance while minimizing noise generation. These fans require an absolute minimum depth for any in-line duct mounted installation.



MODELS BDT/ DDT — TUBEAXIAL DUCT FAN

- Sizes 12 to 72
- 945 to 88,000 CFM
- Static Pressure to 1-1/4"



GRAVITY RELIEF AND INTAKE FANS

MODELS RCXII/RCXII-SF/BGH/RLX — GRAVITY RELIEF AND INTAKE VENTILATORS

- Sizes 8 to 36
- 163 to 10,378 CFM
- Static Pressure Rating to 3/8"



VENT SETS

MODEL BVS — BELT DRIVEN VENT SETS

- Sizes 10 to 36
- 500 to 24,000 CFM
- Static Pressure to 5"
- AMCA Seal for Air and Sound



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SPUN ALUMINUM ROOF TOP FANS

MODEL ARE/ARS — DOME AXIAL ROOF EXHAUST OR SUPPLY FAN

- Direct Drive Dome
- Exhaust or Supply
- Sizes 10 to 20
- 268 to 3,180 CFM
- Static Pressure to 3/4"
- UL Listing Available



MODEL TXD — UPBLAST DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER

- Sizes 6 to 15
- 253 to 3,400 CFM
- Static Pressure to 1-1/4"
- AMCA Seal for Air and Sound
- Optional UL Listing for Restaurant Exhaust
- Wall Mount Available



MODEL TXB — UPBLAST BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER

- Sizes 8 to 48
- 300 to 35,000 CFM
- Static Pressure to 3-1/4"
- AMCA Seal for Air and Sound
- Optional UL Listing for Restaurant Exhaust
- Wall Mount Available



MODEL DB — DOWNBLAST BELT DRIVE CENTRIFUGAL ROOF EXHAUSTER

- Sizes 6 to 48
- 100 to 28,600 CFM
- Static Pressure to 1-1/4"
- AMCA Seal for Air and Sound
- UL Listing Available



MODEL RED — DOWNBLAST DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER

- Sizes 6 to 15
- 46 to 3,000 CFM
- Static Pressure to 1"
- AMCA Seal for Air and Sound CSA/UL Listing Available



MODEL LPD — LOW PROFILE DIRECT DRIVE CENTRIFUGAL ROOF EXHAUSTER

- Two Sizes
- 50 CFM to 500 CFM
- Static Pressure to 1-1/2" w.g.
- AMCA Seal for Air and Sound
- Optional UL Listing



MODEL CSF — BELT DRIVE FILTERED CENTRIFUGAL SUPPLY FAN

- Sizes 9 to 20
- 375 to 15,600 CFM
- Static Pressure to 2"
- AMCA Seal for Air and Sound
- CSA/UL Listing Available



MODEL LSF — BELT DRIVE FILTERED CENTRIFUGAL SUPPLY FAN

- Sizes 9 to 20
- 375 to 15,600 CFM
- Static Pressure to 2"
- AMCA Seal for Air and Sound
- CSA/UL Listing Available



MODEL SRT — CENTRIFUGAL FILTERED SUPPLY FAN

- Size 10
- 269 to 1,256 CFM
- Static Pressure to 1"
- AMCA Seal for Air and Sound



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ROOF TOP FANS

MODEL HRSB/HRSR — BELT/DIRECT DRIVE HOODED PROPELLER ROOF SUPPLY FAN

- Sizes 24 to 60
- 2,979 to 56,500 CFM
- Static Pressure to 3/4"
- AMCA Seal for Air and Sound
- Filtered and Reversible Models Available



MODEL HREBC/HRED-C — BELT/DIRECT DRIVE HOODED PROPELLER ROOF EXHAUSTER

- Sizes 24 to 60
- 1,160 to 49,000 CFM
- Static Pressure to 3/4"
- AMCA Seal for Air and Sound



MODEL KSF — BELT DRIVE CENTRIFUGAL FILTERED ROOF SUPPLY FAN

- Single Inlet
- Sizes 9 to 20
- 375 to 12,000 CFM
- Static Pressure to 2"
- UL Listing Available
- Intake Extension Available



MODEL TUB/TUB-HT — REMOTE BELT DRIVE TUBEAXIAL UPBLAST ROOF EXHAUSTER

- Sizes 24 to 60
- 6,200 to 60,116 CFM
- Static Pressure to 1"
- High Temperature for Heat and Smoke



MODELS UBS, UBSRD-HT, UBSRD-HT1 — BELT DRIVE UPBLAST PROPELLER ROOF EXHAUSTER

- Sizes 24 to 60
- 4,900 to 52,000 CFM
- Static Pressure to 3/4"
- UL Listed
- High Temperature for Heat and Smoke (UBSRD-HT and UBSRD-HT1)



MODELS UBB, UBX, UBRD — BELT DRIVE UPBLAST PROPELLER ROOF EXHAUSTER

- Sizes 24 to 60
- 7,000 to 51,000 CFM
- Static Pressure to 1/2"
- UL Listed



MODEL TH — MIXVENT

TH-MIXVENT roof top series is powered by the TD-MIXVENT fan. The TH-MIXVENT fans are supplied for exhausting air; however, the motor and impeller housing can be removed and turned 180° to provide supply air ventilation. All models incorporate standard single phase two speed motors. Designed for direct connection to round ducting.



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CROSS REFERENCE MODELS

Models are for general similarity only.

S&P	DESCRIPTION	COOLAIR	COOK	TWIN CITY	PENN	ACME	CARNES	GREEN-HECK	FAN-TECH	CANARM /LFI	DELHI
DB	R/T Down Blast Exhaust Centrif. - BD	CRBCA	ACEB	BCDR	DXB/ KB/ JB/ MB	PV/ PNN	VEBK	GB	5BDD	CBR	BDCR
LPD AND RED	R/T Down Blast Exhaust Centrif. - DD	CRDA	ACED	GVR/ CRDD	DX	PRN	VEDK	G	5DDD	CDR	DR-H
TXB	R/T Up Blast Exhaust Centrif. - BD	UBCA	ACRUB	BCRU	FXB/FMX	PNU/ PU	VUBK	CUBE	5BDU	CBU	CDU
TXB UL762	R/T Up Blast Exhaust Centrif. - BD	CUBA	VCR	BCRUR	FXBFT/ FMBFT	PNU- RG	VRBK	CUBE	5BDU -726	CBUHP	BDU
TXD	R/T Up Blast Exhaust Centrif. - DD	UDCA	ACRUD	DCRU	FX/FMX	PDU	VUDK	CUE	5DDU	CDU	DU-H
CWD	Sidewall Exhaust Centrif. - DD	CWDA	ACWD	TCWX	WX/WA/ WB	PW	VWVK	CW	5DDW	-	-
FF/FFC	Ceiling/Cabinet Fans - DD	CF/CFL	GC-GN	T/TL	ZEPHER-Z	V/VQ	VCDD	SP/CSP	-	-	-
KSF	R/T Filtered fresh air supply fan - BD	CFS/SIS	KSPB	BCFS	MU/FS	AFSI	VSBB	KSU/RSF	5FSU	SBAR	SIS
ARE / ARS	R/T Dome Exhaust/ Supply Axial. - DD	SASD/ SAED	AQD	-	DAE	LQ	LEDA	AIS	5ADE/ 5ADS	-	-
S	Wall Exhaust Shutter Fan	-	-	-	-	-	-	-	-	SD/AX	-
GED/ GSD	Sidewall Exhaust/ Supply Prop. - DD	CDC	APD	TCPE	P	FQ/FN	LTDK/ LZDK	SE1/SS1	-	AX/P/S	-
LCE/ LCS	Sidewall Exhaust/ Supply Prop. - BD	CAB/ CBL	XLM/ SWB	WPMD	BLL/ BFM/ BBK	DC/ DCK	LW/BA/ LWBK	SBE/S 1and2	IRHR/ IRHS	DDS/ ADD	-
L2E/ L2S	HD Sidewall Exhaust/ Supply Prop. - BD	CAL	XL/ XM/ AWB/ HWB	TCWPX	BFM/ BFH/ BCH	DCK/ DCH	LABA	SBE/ SBC	INDE/ IHDE	XB/HV	-
SQB	Square Inline Duct Fan Centrif. - BD	SQBA	SQNB- B/ SQI-B	BST	SXB	XB	VIBK	BSQ	-	-	DSQ-B
SQD	Square Inline Duct Fan Centrif. - DD	SQDA	SQND -D/ SQI-D	DSI	SX	XD	VIDK	SQ	-	-	DSQ-D
UBS	R/T Upblast Exhaust Propeller - BD	J/JT	LXU/ LEU/ LSU	LPRVX	HS/HZ	UBG	LUBA	PUB/ RBU	5BLT	RB	RB
UBSRD HT	R/T Upblast Exh. H. Temp Prop. - BD	HS	SUBH	UBT/ TUB	HX	UBH- UF	LQBA	TAUB- HT	-	RTA	RTA
HREB -C	R/T Hooded Exhaust Propeller - BD	PEB	HXE/ HEE	LPHD/ B	AF/AC	EC/ ECH	LTBA	RBE/ RBCE	IRHE	PRE	-
HRSB	R/T Hooded Supply Propeller - BD	PSB	HXS/ HES	HVWP	AF/AC	EC-S/ ECH-S	LGBA	RBS/ RBCS	5RHS	PRI	-
BDT/ DDT	Tube Axial fans - BD/ DD	TBC/ TEBC	EDB/ EDD	TB/TD	BTA/TA	HA	LIBA/ LIDA	TAB/ TAD	-	BTA/ DDA	-
BVS	Vent Sets/ BI / UL705 and UL762 - BD	VSBC	CPV/S	BCV/J	D/RPK	QBR	-	SWB	-	-	BI/ BI-RM
RCXII	Non-powered Roof Vent - Rnd Dome	ARVE	PR	GRV	DR	LQV	GSAA	GRS	-	-	-
CSF	R/T Centrifugal Filtered Supply - BD	CFS	ASP	FSR	MU	-	VHBB/ VSBB	RSF	-	-	700
CVTT	Inline Cabinet Duct Blower	-	DB	-	ZC	DM/ DBS	VDBA	BCF	-	-	200/ 9200

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