

Commercial and Residential

PRODUCT LINE OVERVIEW

1 PH + 3PH | 50/60HZ

Advancing Ventilation®

v1_02092022 February 2022 Soler&Palau Ventilation Group



Enabling people and buildings to breathe better, cleaner air



S&P Canada is part of Soler & Palau Ventilation Group, the world's largest air movement manufacturer, since 2005. We respect our humble beginnings as a small fan manufacturer while embracing the latest technological advances and practices in ventilation.

We are here to solve any ventilation problem you may have. Our Application guides make it easy to figure out what fans to use on your next project. Looking to meet the ever-changing ventilation code? We have solutions for that too!

We are committed to providing quality products through excellence in design, manufacturing, and customer support with a focus on the development of our employees and customers alike. Our best-in-class team comes from a diverse background ready to serve you.

RESIDENTIAL



FF/FFC Celing and Cabinet Ventilators Size 52 to 1578 | 121 to 1891 CFM IN STOCK AVAILABILITY



MD and MDX-ES24VK kits Motorized Dampers Size 4" to 14" | Kits: 4" to 8"



Premium CHOICE AC Motor Series Size 50 to 150 | 50 to 150 CFM IN STOCK AVAILABILITY



PCRL Premium CHOICE Recessed Light Models Size 80 | 80 CFM IN STOCK AVAILABILITY



Premium CHOICE Value Series Size 50 to 80 | 50 to 80 CFM IN STOCK AVAILABILITY



Premium CHOICE DC Motor Series Size 80 to 150 | 80 to 140 CFM IN STOCK AVAILABILITY



PCLP Premium CHOICE Low Profile Series Size 80 to 100 | 80 to 100 CFM IN STOCK AVAILABILITY



PCLPXP Premium CHOICE Low Profile XP Series Size 80 to 100 | 80 to 100 CFM IN STOCK AVAILABILITY



PCLPD 100XHP Premium CHOICE DC Motor Low Profile XHP Series Size 100 | 50 to 100 CFM IN STOCK AVAILABILITY



Dryer Exhaust Duct Power Ventilator 130 CFM IN STOCK AVAILABILITY



PRF Radon Mitigation Fan Size 100 to 150 | 150 to 290 CFM IN STOCK AVAILABILITY



PV Inline Centrifugal Duct Fan Size 100X to 315X | 130 to 943 CFM IN STOCK AVAILABILITY









reFresh Filtered Supply Fan Size 8 to 10 | 20 to 180 CFM



SWF Sidewall Fan Size 100 to 315 | 100 to 400 CFM IN STOCK AVAILABILITY



TD Inline Mixed Flow Duct Fan Sizes 100 to 400 | 70-3,124 CFM IN STOCK AVAILABILITY



TD-Silent Inline Mixed Flow Duct Fan Size 125X to 200 | 200 to 480 CFM IN STOCK AVAILABILITY

ENERGY RECOVERY VENTILATORS



TRC and TRCV Total Recovery for Commercial Applications Size 500 to 1600 | 540 to 1950 CFM



TRCe Total Recovery for Commercial Applications with EC motor Size 500 to 1200 | 200 to 1500 CFM



What is ECOWATT®?

S&P's Ecowatt® products are our most energy-efficient models. They use Electronically Commutated (EC) or Direct Current (DC) motors. Ecowatt® Accessories are motor control devices and systems that reduce energy consumption.









CENTRIFUGAL ROOF AND SIDEWALL



LPD Low Profile Direct Drive Exhaust Size 6 to 8 | 50 to 420 CFM IN STOCK AVAILABILITY



Direct Drive Centrifugal Sidewall Exhaust Fan Size 7 to 16 | 66 to 3,360 CF IN STOCK AVAILABILITY

DIRECT DRIVE MODELS



Downblast Direct Drive Exhaust Fans Size 6 to 16 | 53 to 4,984 CFM IN STOCK AVAILABILITY



Downblast Direct Drive Exhaust Fans with EC Motor





Upblast Direct Drive Exhaust Fans Size 6 to 16 | 55 to 4,781 CFM IN STOCK AVAILABILITY



STXDe/STXDe-RHUL



BELT DRIVE MODELS



Downblast Exhaust fans Size 6 to 48 | 41 to 31,563 CFM IN STOCK AVAILABILITY





STXB/STXB-RHUL/STXB-HT2/STXB-HT Upblast Exhaust fans Sizes 8 to 48 | 201 to 37,920 CFM IN STOCK AVAILABILITY FOR STXB/STXB-RHUL







BELT DRIVE ROOF EXHAUST AND SUPPLY FANS



Forward Curved Belt Driven Roof Fan Size 7 to 18 | 300 to 7,750 CFM IN STOCK AVAILABILITY



Size 9 to 20 | 440 to 12,520CFM IN STOCK AVAILABILITY FOR CSF SERIES



CENTRIFUGAL INLINE BELT DRIVE MODELS



Belt Drive Square Inline Fan Size 7 to 42 | 98 to 24,544 CFM IN STOCK AVAILABILITY



CTB/CTB-RHUL Inline Tubular Size 9 to 42 | 300 to 20,300 CFM



Forward Curved Belt Drive In-line **Duct Blower** Size 7 to 15 | 200 to 5,800 CFM IN STOCK AVAILABILITY

DIRECT DRIVE MODELS



SQD/eSQD Direct Drive Square Inline Fan Size 6 to 15 | 93 to 3,533 CFM IN STOCK AVAILABILITY



SMXD/SMXD-HT Direct Drive Mixed Flow Fan Size 15 to 24 | 673 to 17,000 CFM



Forward Curved Belt Drive Cabinet Fan Size 7 to 30 | 200 to 30,000 CFM IN STOCK AVAILABILITY

INLINE TUBEAXIAL



Direct Drive Inline Tubeaxial Size 12 to 48 | 855 to 40,194 CFM



Belt Drive Inline Tubeaxial Size 12 to 60 | 1,189 to 75,490 CFM IN STOCK AVAILABILITY







GRAVITY VENTS INTAKE/RELIEF



BGH Fabricated Gravity Relief/Intake Ventilator Size 12 X 12 to 72 X 144 536 to 90,000 CFM



RCXII/RCXII-SF Gravity Relief/Intake Ventilators Size 6 to 36 | 64 to 10,378 CFM



RLX Louvered Penthouse Size 12X12 to 84 X144 | 536 to 90,000 CFM

PROPELLER SIDEWALL **DIRECT DRIVE MODELS**



GED/GSD Low Pressure Direct Drive Exhaust/Supply Fans Size 10 to 20 | 200 to 3,500 CFM IN STOCK AVAILABILITY FOR GED MODELS



eGED/eGSD Low Pressure Direct Drive Exhaust/Supply Fans with EC Motor Size 10 to 20 | 200 to 3,500 CFM IN STOCK AVAILABILITY FOR eGED MODELS



DFE/DFS Medium Pressure Direct Drive Exhaust/Supply Fans Size 10 to 30 | 37 to 12,415 CFM



DDE/DDS High Pressure Direct Drive Exhaust/Supply Fans Size 24 to 60 | 3,500 to 55,800 CFM



MODEL "S" SERIES Wall Exhaust Shutter Fans Size 8 to 36 | 140 TO 12,00 CFM IN STOCK AVAILABILITY



BELT DRIVE MODELS



LCE/LCS Low Pressure Direct Drive Exhaust/Supply Fans Size 20 to 60 | 2,829 to 40,855 CFM IN STOCK AVAILABILITY FOR LCE SERIES FANS IN STOCK AVAILABILITY L2E SERIES FANS



L2E/L2S Medium Pressure Direct Drive Exhaust/Supply Fans Size 24 to 60 | 5,000 to 47,000 CFM



L3E/L3S High Pressure Direct Drive Exhaust/Supply Fans Size 42 to 72 | 21,683 to 85,089 CFM









UTILITY EXHAUST/SUPPLY



CM
Belt Drive Utility Vent Set
Sizes 10 to 36 | 499 to 23,958 CFM
IN STOCK AVAILABILITY

PROPELLER ROOF VENTILATORS DIRECT DRIVE MODELS



ARE/ARS
Dome Axial Power Roof Exhaust/Supply Fans
Size 10 to 20, 167 to 2,827 CFM
IN STOCK AVAILABILITY



HRED-C Hooded Exhaust Fans Size 24 to 60 | 1,193 to 48,780 CFM



HRSD Hooded Supply Fan Size 24 to 54, 2,509 to 50,109 CFM



Upblast Exhaust Fans
Size 24 to 72 | 5,200 to 65,500 CFM

BELT DRIVE MODELS



UBS/UBS-P
Upblast Exhaust Fans
Size 24 to 60 3,730 to 51,000 CFM
IN STOCK AVAILABILITY FOR UBS SERIES



HREB-C and HREB-P Hooded Exhaust Fans Size 24 to 72 -1,159 to 93,240 CFM



HRSB Hooded Exhaust Fans Size 24 to 60 -2,979 to 52,534



UBB Upblast Exhaust Fans Size 24 to 72 -3,090 to 70,800

REMOTE DRIVE MODELS



UBSRD/UBSRD-HT/UBSRD-HT1 (Exhaust) Upblast Exhaust Fan for Heat and Smoke Removal Size 24 to 60 | 4,977 to 52,173 CFM





TUB/TUB-HT/TUB-P (Exhaust) Tubeaxial Upblast Exhaust Fan Sizes 24 to 60 | 4,321 to 60,116 CFM

JET FAN SERIES



IFFT/IFFTe Centrifugal Jet Fan

Size 50N to 100N | 1,754 to 5,238 CFM



IFAB/IFEB Low Profile Centrifugal Jet Fans Size 12N | 200 to 3,500 CFM



Medium Pressure Direct Drive Exhaust/Supply Fans Size 315 to 400 | 1,560 to 6,474 CFM

HIGH VOLUME LOW SPEED















ECOWATT-DRIVE

The Ecowatt®-Drive is a variable frequency drive that allows easy motor pairing and performance control. Requiring just 4 parameters to get your fan set up, this robust and reliable design offers plug-in options for advanced control. Equipped with the latest energy-saving features, Ecowatt®-Drive offers up to 180% overload for high torque applications.

KEY FEATURES:

- · Set just 4 parameters to get your fan started
- Plug-in options for advanced control
- Dual Safe Torque Off (STO)
- · Equipped with the latest energy-saving features
- Up to 180% overload for high torque applications
- Onboard PLC
- Straightforward installation and commissioning
- · Easy motor pairing and performance control
- Robust and reliable design

Product Pairings:

- SMXD Mixed Flow Fan
- IFFT Centrifugal Jet Fan
- TJFU Axial Jet Far
- LC Belt Drive Sidewall Propeller Exhaust/Supply Fans
- L3 Belt Drive Sidewall Propeller Exhaust/Supply Fans
- CM Belt Drive Utility Vent Set
- · STXB Upblast Belt Drive Centrifugal Roof/Sidewall Exhaust Fans
- SDB Belt Drive Centrifugal Downblast Roof Exhaust Fan
- SOB Belt Drive Square Inline Centrifugal Duct Far
- and more!



&P's Ecowatt® products are our most energy-efficient models. They use Electronically Commutated (EC) or Direct Current (DC) motors Ecowatt® Accessories are motor control devices and systems that reduce energy consumption.





EC Motor Multispeed Control **ECM-MSPD**

Ecowatt® Now Available on Select Commercial Products!







Now Available on: STXDe, STXDeRHUL, SDBDe, eGED, eGSD, & eSQD

The ECM-MSPD (Multispeed):

- Is an interface for setting and switching between two independent motor speeds for a single motor.
- Uses an open-closed contact (by others) to switch between speeds easily.
- Has on-board multi-meter nodes to provide set-point and RPM measurements.
- Is recommended for use in restaurants, multi-family structures, condos, and schools where manual or demand controlled ventilation applications require high and low speed operation.

What is Ecowatt® '

To be categorized as EcoWatt® a product must meet the following standards:

- The product must use a EC or DC motor.
- The product must have third-party certified performance (AMCE or HCI certifications).
- Products designed for residential applications must be ENERGY STAR® qualified.



S&P Canada Ventilation Products, Inc. www.solerpalaucanada.com







QUICK SELECTION

e C	Mixed Flow		×	×																							
Impeller Type																		-		-						H	$\vdash \vdash$
pelle	Propeller																									_	Н
ᄪ	Centrifugal				×	×	×	×	×	×	×		×			×	×	×	×	×	×	×	×	×		×	×
Motor/Drives	Ecowatt® (EC Motor Available)					×								×								×	×				
tor/[Direct		×	×	×	×	×	×	×	×	×		×			×	×					×	×	×			Ш
W	Belt																	×	×	×	×					×	×
	Energy Recovery												×	×													
	High Temp above 200° F																			×	×		×				
tion	Smoke Control (UL)											Vs)			Fans						×						
Application	Grease/Restaurant (UL762)	Commercial										's & HRVs)			Sidewall Fa					×			×		Centrifugal Filtered Supply		
	Spark Resistant	Com										(ERVs				×	×	×	×	×	×	×	×	×	S pa		
	Contaminated Air											lors (×	×	and										ilter		
	General/Clean Air		×	×	×	×	×	×	×	×	×	Ventilators	×	×	Roof	×	×	×	×	×	×	×	×	×	galF	×	×
Airflow	Supply	Residential	×	×	×	×	×						×	×											ntrifu	×	×
Air	Exhaust	Resid	×	×	×		×	×	×	×	×	Recovery	×	×	Centrifugal	×	×	×	×	×	×	×	×	×	ပီ		
ioi	Ceiling		×	×	×	×		×	×	×	×	Rec	×	×	ပီ												Ш
Mounting Location	Wall		×	×	×	×	×	×			×		×	×		×			×			×		×			Ш
ing l	Hanging		_×	×	×	×				×	×		×	×													Щ
oun	Floor/Base		×	×	×	×					×		×	×													Щ
≊	Roof Curb															×	×	×	×	×	×	×	×			×	×
Model			ŒL	TD-SILENT	Λd	reFresh	SWF	PC/PCLP/PCV/PCRL	PCD	DH/H	PRF		TRC	TRCe		LPD	∘Q8QS/Q8QS	SDB	STXB	STXB-RHUL	STXB-HT2/STXB-HT	STXD/STXDe	STXD-RHUL/STXDe-RHUL	CWD		CSF/LSF	KSFV

^{*} Models TRC(e) and CRT (ERVs) have a 10-year core warranty and a 5-year warranty on the balance of the TR unit and a 2-year warranty on the balance of the TRC(e) and CRT.

Competitors Cross Reference Models

Models are for general similarity only.





S&P MODEL	DESCRIPTION	соок	TWIN CITY	PENN	ACME	CARNES	GREENHECK	FANTECH	CANARM/ DELHI
SDB	R/T Down Blast Exhaust Centrif. BD	ACEB	BCRD	DXB/KB/JB/MB	PV/PNN	VEBK	GB	BDD/ABE	ALX-DB/SB
LPD & SDBD	R/T Down Blast Exhaust Centrif. DD	ACED	DCRD	DX	PRN	VEDK	G	REC/DDD	ALX-DD/SD/ A2X-DD
SDBDe	R/T Down Blast Exhaust Centrik DD-EC	ACED (EC)	DCRD (EC)	DX (G+)			G-VG		A2X-DD-EC/ALX- DD-EC
STXB	R/T Up Blast Exhaust Centrif. BD	ACRUB	BCRU	FXB/FMX	PNU/PU	VUBK	CUBE	BDU	ALX-UB/SBRM
STXB (UL-762)	R/T Up Blast Exhaust Centrif. BD	VCR	BCRUR	FXBFT/FMBFT	PNU-RG	VRBK	CUBE	BDU	ALX-UB/SBRM
STXD	R/T Up Blast Exhaust Centrif. DD	ACRUD	DCRU/R	FX/FMX	PDU	VUDK	CUE	DDU	ALX-DD/SDUB/ A2X-UD
STXDe	R/T Up Blast Exhaust Centrik DD-EC	ACRUD (EC)	DCRU (EC)	FX (G+)			CUE-VG		A2X-UD-EC/ALX- UD-EC
CWD	Sidewall Exhaust Centrif. DD	ACWD	TCWX	WX/WA/WB	PW	VWDK	GW		
PC	Ceiling fans less .3 sones DD	GEMINI		ZEPHYR					
RFC	R/T Exhaust Forward Curve BD					VDBA			300
СТВ	Inline Duct Centrif. BD	TCN	TCLB/TCLBR	TUB	LQ	VGBA	TCB		
FF/FFC	Ceiling Cabinet Fans DD	GC-GN	T/TL	ZEPHER-Z	V/VQ/VQL	VCDD	SP/CSP	CEV/IEV	
KSFV	Rif Filtered Fresh Air Supply Fan BD	KSPB	BCFS	MU/FS	AFSI	VSBB	KSU/RSV	FSU	SIS/SBAR
ARE/ARS	R/T Dome Exhaust/Supply Axial. DD	AQD		DAE	LQ	LEDA	AIS		
S	Direct Drive Shutter Fan DD			Р				SHE	SD/AX/S
GED/GSD	Sidewall Exhaust/Supply Prop. DD	APD	TCPE	P	FQ/FN	LTDK/LZDK	SE1/SS1	VLD	P
LCE/LCS	Sidewall Exhaust/Supply Prop. BD	XLM/SWB	WPMD	BLL/BFM/BBK	DC/DCK	LWBA/LWBK	SBE/S 1&2	SDE	DDS/ADD
L2E/L2S	HD Sidewall Exhaust/Supply Prop. BD	XL/XM/ AWB/HWB	TCWPX*	BFM/BFH/BCH	DCK/DCH	LABA	SBE/SBC	MDE	XB/HV
SQB	Square Inline Duct Fan Centrif. BD	SQNB-13/ SQI-B	BSI	SXB	ХВ	VIBK	BSQ		DSQ-B
SQD	Square Inline Duct Fan Centrif. DD	SAND-D/ SQI-D	DSI	SX	XD	VIDK	sQ	FSD	DSQ-D
UBS	R/T Upblast Exhaust Propeller DB	LXU/LEU/LSU	LPRVX	HS/HZ	UBG	LUBA	PUB/RBU	BLT	RB
HREB-C	R/T Hooded Exhaust Propeller BD	HXE/HEE	LPHD/B	AF/AC	EC/ECH	LTBA	RBE/RBCE	RHE	PRE
UBSRD-HT	R/T Upblast Exh. H. Temp Prop. BD	SUBH	UBT/TUB	HX	UBH-UF	LQBA	TAUB-HT		RTA
HRSB	R/T Hooded Supply Propeller BD	HXS/HES	HVWP	AF/AC	EC-S/ECH-S	LGBA	RBS/RBCS	RHS	PRI
TDB/TDD	Tube Axial Fans BD/DD	EDB/EDD	TB/TD	BTA/TA	HA/HDD	LIBA/LIDA	TAB/TAD		BTA/DDA
СМ	Vent Sets/Bl / cUL705 & 762 & 793 BD	CPV/S	BCV/J	D/RPK	QBR		SWB		BI/BI-RM
RCXII	Non-Powered Roof Vent - Rnd Dome	PR	GRV	DR	LQV	GSAA	GRS		
CSF	R/T Centrifugal Filtered Supply BD	ASP	FSR	MU		VHBB/VSBB	RSF		700
CVTT	Forward Curve Air Handler 7' to 30" BD		DBS			VGBA			9200
CFD	Forward Curve Air Handler 7' to 15" DD/BD	DB	DBS	ZC		VDBA			200
CBS	Single Inlet Blower BD		DBS						400
СВМ	Direct Drive Dual Inlet Blower DD							BLR	GDD
СВР	Belt Drive Dual Inlet Blower BD		TFC						G
CBP-RC	Belt Drive Dual Inlet Framed Blower BD		VFC						800
CBP-RE	Belt Drive Dual Inlet Framed HD Blower BD		TFC-2						900
FCB	Belt Drive Forward Curve Vent Set BD		FCV			VFB	SFB		600
TD	2 Speed Inline Mixed Flow Fan DD								
PV	Backward Incline Inline Fan DD							FG	
SWF	Outside Wall Mount Exhaust DD							RVF	
PW	Radial Blade Pressure Blower DD						FPA		PW
KE	Radial Blade Pressure Blower DD	CPFD	JRVV				IPA		KE
D	Forward Curve Direct Drive Blower DD		DDF				SFD		D
SMXD	Commercial Duty Mixed Flow DD	TCND		MXI			QEID		

TOOLS AND RESOURCES

S&P Canada has created tools to help you understand, find or select the right product and solution for your project.



SOCIAL MEDIA

S&P Canada is active on Instagram, LinkedIn & YouTube!
Get behind the scenes with our company as well as receive company & product announcements!



LITERATURE
BROCHURES, SUBMITTALS AND DOCUMENTS



IMPORTANT DATES



OPTISIZER 2
AN SELECTION SOFTWARE



CODE SOLUTIONS
MEET BUILDING CODES WITH S&P CANADA



REVIT FILES



S&P UNIVERSITYACCESS CLASSES ABOUT S&P PRODUCTS



SCAN ME FOR S&P USA



SCAN ME FOR S&P CANADA





S&P USA Ventilation Systems, LLC

6393 Powers Avenue
Jacksonville, FL 32217
T. 904-731-4711 • F. 904-737-8322
www.solerpalau-usa.com

S&P Canada Ventilation Products, Inc

6710 Maritz Drive Unit #7
Mississauga, ON L5W OA1 - Canada
T. 416-744-1217 • F. 416-744-0887
www.solerpalaucanada.com

