

2020

January 2020



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RETAIL Price List		
Product #	Description	Retail
		\$
Solar Boiler™ Systems c/w module, collector(s), KI055, KI060, K2030-50, PV20, TG270SB		
Solar Storage Tank Included		
SB32-9 PVT	SBM-9, S32B semi-selective painted collector	5174
SB64-9 PVT	SBM-9, S32A, S32B semi-selective painted collectors	6317
Solar Boiler Systems INCLUDE TG270SB Solar Storage Tank with connections Energy Ratings - SB32-9PV = 6.11 GJ/yr - SB64-9PV = 9.99 GJ/yr - Highest in Canada		
PV Solar Boiler™ Systems NEW 2016		
Complete solar water heating system using PV modules. Storage Tank Included		
PVSB1250	PV Solar water heating system, 1,250 watts	4590
PVSB2500	PV Solar water heating system, 2,500 watts	5999
Solar Collectors		
G32 - P	4' x 8' grid, 3/4" headers, semi-selective painted surface	1099
G32 - SP *	4' x 8' grid, 3/4" headers, selective surface	1214
GXX	1" header - additional charge	92
GU34	3/4" unions installed on grid collector - additional charge	32
S32A - P	4' x 8' serpentine, semi-selective painted surface	1099
S32B - P	4' x 8' serpentine, semi-selective painted surface	1099
S32A - SP *	4' x 8' serpentine, selective surface	1234
S32B - SP *	4' x 8' serpentine, selective surface	1234
Solar Boiler™ Module		
SBM-13DC*	Solar Boiler™ module MAG DRIVE (12 VDC)	2357
SBM13DCeMAG	Solar Boiler™ module eMAG DRIVE (12 VDC)** **INCLUDES 60 IG (270 liter) TG270SB storage tank	3354
eMAG Solar Pumps™		
P24070eMAG	eMAG Solar Pump™, 2.4 L/min	581
P50140eMAG	eMAG Solar Pump™, 5.0 L/min	599
Solar Pumps™, Magnetic Drive and Direct Drive		
P24070	Solar Pump™, (Pump/motor/LCB) 2.4 L/min - 70 GPH	731
P50140	Solar Pump™, (Pump/motor/LCB) 5.0 L/min - 140 GPH	775
PI18330**	Solar Pump™, (Pump/motor/LCB) 11.8 L/min - 330 GPH	799
P24070M**	Solar Pump™, P24070 - Magnetic Drive - built-in strainer n/a	711
P50140M**	Solar Pump™, P50140 - Magnetic Drive - built-in strainer n/a	744
PV modules and LCB		
PV20	20 watt PV module	236
PV30	100 watt PV module c/w MC-4 connectors	98
DTB II	Delta-T Booster II (Sensors not included)	168

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Pumps, Motors and accessories		
BP015	Pump (brass, rotary vane) c/w built-in strainer (replaces 1521)	255
BP070	Pump (brass, rotary vane) c/w built-in strainer (replaces 1505)	254
BP140	Pump (brass, rotary vane) c/w built-in strainer 140 GPH	275
BP330**	Pump (brass, rotary vane) 330 GPH - built-in strainer n/a	352
BP070M**	Pump (brass, rotary vane) 70 GPH - Magnetic Drive	300
BP140M**	Pump (brass, rotary vane) 140 GPH - Magnetic Drive	314
MPS-DCM**	Pump/motor set (includes MDCF and BP070M)	569
MPS-DC	Pump/motor set (includes MDCV and BP070)	558
MDCV	DC motor, (1/15 hp, 20 watts), V-band mount	280
MDCF	DC motor, (1/15 hp, 20 watts), flange mount	258
RH-1	Rubber Hoses c/w 1/2" female swivel fitting, pair	31
RES	Solar Pump Reservoir Unit	459
Installation Kits		
K2030-50	Copper tube kit, 50' (3/8" & 3/4") - 3/4" Wall	405
GTSW	G Series Sensor Well	99
GAV	G Series Auto Air Vent Assembly	61
GDV	G Series Drain Valve Assembly	43
STSE	S Series Sensor Enclosure, brown	24
U34	3/4" Union for G Series Collectors	12
K4000	Solar Boiler PRV upgrade kit	23
CT6-50	Copper tube (50' x 3/8")	107
LVT16/4	PV and Sensor Wire, 16 gauge, 4 conductor, per foot	0.60
CTI	Pipe insulation 3/8"ID x 3/4" wall, per 6 ft length	14
Slimduct Conduit		
SD100	Slimduct Conduit, 6.5 feet	47
SJ100	Slimduct Coupler	10
SW100	Slimduct Wall Inlet	24
SC100	Slimduct Vertical Elbow	25
SK100	Slimduct Flat Elbow	24
SEN100	Slimduct End Fitting	17
SFLEX	Slimduct Flexible Elbow	20
Collector Rack Kits		
K1000	Galvanized strut, 1-5/8", per foot (Unistrut) HDG	7.43
K1002	Galvanized strut - single tier upright - for pitched roof	329
K1004	Galvanized strut - single tier upright - 45° - ground or flat roof	337
K1006	Galvanized strut - single tier upright - 60° - ground or flat roof	350
K1050	Flush mount kit (for 1 G or S collector)	41
K1052S	Single collector pinch clip, c/w spring nut and ss bolt	6.90
K1052D	Double collector pinch clip, c/w spring nut and ss bolt	8.50
K1055	Flush mount kit (for 2 S collectors)	86
K1056	Flat roof kit (for 2 S collectors)	390
K1057	Flat roof kit (for 1 S collector)	181
K1058	Inclined roof kit (for 2 S collectors)	342
K1059	Inclined roof kit (for 1 S collector)	158
K1060	PV module mounting kit (mounts PV20 to collector)	39
Storage Tanks		
TG180	Tank - glass lined (180 liter glass lined)	689
TG270	Tank - glass lined (270 liter glass lined)	861
TG270SB	Tank - glass lined (270 liter glass lined) - Solar Boiler tank	1594

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Miscellaneous Hardware		
GLYUSP	Propylene glycol, USP pure (\$/litre)	13.00
GLYUSM	Propylene glycol, USP mixed 40/60 with Distilled water (\$/litre)	8.00
TDL-DT	TDL Delta T Solar controller (120 VAC) - new 2018	220
SAS-10	Thermistor temperature sensor (10,000 ohm)	21
SAS-10C	Thermistor temperature sensor (10,000 ohm) - copper casing	24
PI542F	Grundfos circulator (15 ft-21 USGPM)	175
PSI542F	Grundfos circulator (3 Speed)	188
PI518SU	Grundfos circulator SS (7 ft-11 USGPM) c/w unions	396
P2699BF	Grundfos circulator Bronze (30 ft-35 USGPM)	568
PFL	Flanges, pair (P008 or P009 or PI542 or P2699F)	29
Solar Glass		
GL24 *	Solar glass (34" x 96") tempered	181
GL25 *	Solar glass (46" x 76") tempered	194
GL28 *	Solar glass (46" x 84") tempered	214
GL32	Solar glass (46" x 96") tempered	220
GL40	Solar glass (46" x 120") tempered	301
GLC	Solar glass crate (per 1-3 sheets)	61
Solar Collector Absorbers and Headers		
AG25 *	4' x 6.5' grid, 3/4" headers	417
AG32 - P	4' x 8' grid, 3/4" headers, semi-selective painted surface	437
AG32 - SP	4' x 8' grid, 3/4" headers, selective surface	528
AG40 - P	4' x 10' grid, 3/4" headers	523
AS25 *	4' x 6.5' serpentine	326
AS32 - P	4' x 8' serpentine, semi-selective painted surface	379
AS32 - SP	4' x 8' serpentine, selective surface	521
AS40 - P	4' x 10' serpentine	506
RN12	Round-rhombic nipple, 12 mm	2.10
H075	Header, 3/4", c/w brazed nipples	54
H100	Header, 1", c/w brazed nipples	78
Sunstrip™ Solar Fin		
SSI46/12	146 mm fin/12 mm tube (\$/sq.m)	55
SSI46/12 - P	146 mm fin/12 mm tube, semi-selective surface (\$/sq.m)	74
SSI46/12 - SP*	146 mm fin/12 mm tube, selective surface (\$/sq.m)	101
SScutting	Cutting charge for fin	1.60
DTL Shell-and-tube Heat Exchangers		
2" Diameter Shell-and-Tube Heat Exchangers		
D2T7L3	2" by 3' all copper shell-and-tube	537
D2T7L4	2" by 4' all copper shell-and-tube	633
	2" each extra foot add (for custom orders)	96
3" Diameter Shell-and-Tube Heat Exchangers		
D3T14L3	3" by 3' all copper shell-and-tube	822
D3T14L4	3" by 4' all copper shell-and-tube	967
D3T14L6	3" by 6' all copper shell-and-tube	1259
	3" each extra foot add (for custom orders)	150
4" Diameter Shell-and-Tube Heat Exchangers		
D4T28L4	4" by 4' all copper shell-and-tube	1663
D4T28L6	4" by 6' all copper shell-and-tube	2159
D4T28L8	4" by 8' all copper shell-and-tube	2653
D4T28L12	4" by 12' all copper shell-and-tube	3643
	4" each extra foot add (for custom orders)	253

* Limited quantities available. For repairs only.

Prices do not include GST, HST, & PST. Prices are FOB Dartmouth, Nova Scotia, Canada.

Prices are subject to change without notice. Prices are in Canadian dollars.

Thermo Dynamics Ltd. (TDL) Terms and Conditions of Sale *

Payment and Taxes

Payments are to be made according to the terms of payment on TDL invoices. TDL will charge, on any amount unpaid 30 days after invoice date, interest each month at two percent (2%), which represents (26.8%) per year.

Transportation Costs

Unless otherwise specified, all shipments are F.O.B. Thermo Dynamics Ltd., Dartmouth. Method and route of shipment shall be at the discretion of TDL unless purchaser shall specify otherwise. Any additional expense of the method or route of shipment specified by purchaser shall be borne by purchaser.

Packaging and Handling Costs

Unless otherwise specified, all shipments are subject to packaging/crating and handling costs. Method of packaging/crating shall be at the discretion of TDL.

Standard Packaging/Crating charges:

SB32-9PV	\$80 per system
SB64-9PV	\$120 per system
Solar Collectors	\$35 per collector
Glass	\$40 per sheet
Absorber Plates	\$40 per absorber

Reserve of Ownership

TDL retains ownership of all products until full payment of the sale price.

Price and Price Adjustment

Prices are subject to change and will be those in effect on the date of shipment.

* This is an abbreviated set of Terms and Conditions of Sale. For a copy of the complete document, please contact TDL or download from our website.



SOLAR SPECIALISTS

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“Since 1981”



SB64-9PV Solar Boiler System only

SB32-9PV: **6.00** GJ/year

SB64-9PV: **9.94*** GJ/year



**The highest energy output of all CSA approved systems!*