

# 2017

January 2017



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| <b>RETAIL Price List</b>   |   |               |
|--|---|---------------|
| <b>Product #</b>   | <b>Description</b>  | <b>Retail</b> |
|  |   | \$            |
| <b>Solar Boiler™ Systems c/w module, collector(s), KI055, KI060, K2030-50, PV20, TG270SB</b>   |   |               |
| <b>Solar Storage Tank Included</b>   |   |               |
| SB32-9 PVT   | SBM-9, S32B semi-selective painted collector  | 4566          |
| SB64-9 PVT   | SBM-9, S32A, S32B semi-selective painted collectors   | 5709          |
| Solar Boiler Systems INCLUDE TG270SB Solar Storage Tank with connections<br>CSA certified - Energy Ratings - SB32-9PV = 6.11 GJ/yr - SB64-9PV = 9.99 GJ/yr - Highest in Canada |   |               |
| <b>PV Solar Boiler™ Systems <span style="float: right;">NEW 2016</span></b>  |   |               |
| 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          |
| <b>Solar Collectors</b>  |   |               |
| 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   | 1239          |
| 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   | 1239          |
| S32B - SP *  | 4' x 8' serpentine, selective surface   | 1239          |
| <b>Solar Boiler™ Module</b>  |   |               |
| SBM-13DC*  | Solar Boiler™ module MAG DRIVE (12 VDC)   | 2245          |
| SBM13DCeMAG  | Solar Boiler™ module eMAG DRIVE (12 VDC)**<br>**INCLUDES 60 IG (270 liter) TG270SB storage tank | 2753          |
| <b>eMAG Solar Pumps™</b>   |   |               |
| P24070eMAG   | eMAG Solar Pump™, 2.4 L/min   | 575           |
| P50140eMAG   | eMAG Solar Pump™, 5.0 L/min   | 599           |
| <b>Solar Pumps™, Magnetic Drive and Direct Drive</b>   |   |               |
| P24070   | Solar Pump™, (Pump/motor/LCB) 2.4 L/min - 70 GPH  | 663           |
| P50140   | Solar Pump™, (Pump/motor/LCB) 5.0 L/min - 140 GPH   | 704           |
| PI18330**  | Solar Pump™, (Pump/motor/LCB) 11.8 L/min - 330 GPH  | 743           |
| P24070M**  | Solar Pump™, P24070 - Magnetic Drive - built-in strainer n/a                                    | 656           |
| P50140M**  | Solar Pump™, P50140 - Magnetic Drive - built-in strainer n/a                                    | 689           |
| <b>PV modules and LCB</b>  |   |               |
| PV20   | 20 watt PV module   | 236           |
| PV30   | 30 watt PV module   | 305           |
| DTB II   | Delta-T Booster II (Sensors not included)   | 155           |

Visit us on the web at: [www.thermo-dynamics.com](http://www.thermo-dynamics.com)  
Email us at: [solarinfo@thermo-dynamics.com](mailto:solarinfo@thermo-dynamics.com)

**PRICE LIST 2016 (Distributor)**

| Product #                            | Description  | Retail |
|--------------------------------------|--|--------|
|                                      |  | \$     |
| <b>Pumps, Motors and accessories</b> |  |        |
| BP015                                | Pump (brass, rotary vane) c/w built-in strainer (replaces 1521)    | 247    |
| BP070                                | Pump (brass, rotary vane) c/w built-in strainer (replaces 1505)    | 228    |
| BP140                                | Pump (brass, rotary vane) c/w built-in strainer 140 GPH            | 246    |
| BP330**                              | Pump (brass, rotary vane) 330 GPH - built-in strainer n/a          | 346    |
| BP070M**                             | Pump (brass, rotary vane) 70 GPH - Magnetic Drive                  | 299    |
| BP140M**                             | Pump (brass, rotary vane) 140 GPH - Magnetic Drive                 | 313    |
| MPS-DCM**                            | Pump/motor set (includes MDCF and BP070M)                          | 540    |
| MPS-DC                               | Pump/motor set (includes MDCV and BP070)                           | 503    |
| MDCV                                 | DC motor, (1/15 hp, 20 watts), V-band mount                        | 268    |
| MDCF                                 | DC motor, (1/15 hp, 20 watts), flange mount                        | 230    |
| RH-1                                 | Rubber Hoses c/w 1/2" female swivel fitting, pair                  | 31     |
| RES                                  | Solar Pump Reservoir Unit  | 459    |
| <b>Installation Kits</b>             |  |        |
| K2030-50                             | Copper tube kit, 50' (3/8" & 3/4") - 3/4" Wall                     | 397    |
| GTSW                                 | G Series Sensor Well   | 94     |
| GAV                                  | G Series Auto Air Vent Assembly                                    | 55     |
| 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                                       | 20     |
| 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     |
| <b>Slimduct Conduit</b>              |  |        |
| SD100                                | Slimduct Conduit, 6.5 feet   | 45     |
| SJ100                                | Slimduct Coupler   | 10     |
| SW100                                | Slimduct Wall Inlet  | 23     |
| SC100                                | Slimduct Vertical Elbow  | 24     |
| SK100                                | Slimduct Flat Elbow  | 23     |
| SEN100                               | Slimduct End Fitting   | 16     |
| SFLEX                                | Slimduct Flexible Elbow  | 19     |
| <b>Collector Rack Kits</b>           |  |        |
| K1000                                | Galvanized strut, 1-5/8", per foot (Unistrut) HDG                  | 6.60   |
| K1002                                | Galvanized strut - single tier upright - for pitched roof          | 266    |
| K1004                                | Galvanized strut - single tier upright - 45° - ground or flat roof | 273    |
| K1006                                | Galvanized strut - single tier upright - 60° - ground or flat roof | 283    |
| K1050                                | Flush mount kit ( for 1 G or S collector)                          | 42     |
| K1052S                               | Single collector pinch clip, c/w spring nut and ss bolt            | 6.60   |
| K1052D                               | Double collector pinch clip, c/w spring nut and ss bolt            | 8.20   |
| 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     |
| <b>Storage Tanks</b>                 |  |        |
| TG180                                | Tank - glass lined (180 liter glass lined)                         | 455    |
| TG270                                | Tank - glass lined (270 liter glass lined)                         | 595    |
| TG270SB                              | Tank - glass lined (270 liter glass lined) - Solar Boiler tank     | 1046   |

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|---|---|--------|
|   |   | \$     |
| <b>Miscellaneous Hardware</b>                     |   |        |
| GLYUSP  | Propylene glycol, USP pure (\$/litre)                             | 11.58  |
| GLYUSM  | Propylene glycol, USP mixed 40/60 with Distilled water (\$/litre) | 6.81   |
| GL-30   | Solar controller (120 VAC)  | 303    |
| SAS-10  | Thermistor temperature sensor (10,000 ohm)                        | 20     |
| SAS-10C   | Thermistor temperature sensor (10,000 ohm) - copper casing        | 23     |
| PI542F  | Grundfos circulator (15 ft-21 USGPM)                              | 175    |
| PS1542F   | 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     |
| <b>Solar Glass</b>                                |   |        |
| 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                                  | 212    |
| GL40  | Solar glass (46" x 120") tempered                                 | 301    |
| GLC   | Solar glass crate (per 1-3 sheets)                                | 61     |
| <b>Solar Collector Absorbers and Headers</b>      |   |        |
| AG25 *  | 4' x 6.5' grid, 3/4" headers                                      | 413    |
| AG32 - P  | 4' x 8' grid, 3/4" headers, semi-selective painted surface        | 434    |
| AG32 - SP   | 4' x 8' grid, 3/4" headers, selective surface                     | 527    |
| AG40 - P  | 4' x 10' grid, 3/4" headers                                       | 519    |
| AS25 *  | 4' x 6.5' serpentine  | 323    |
| AS32 - P  | 4' x 8' serpentine, semi-selective painted surface                | 375    |
| AS32 - SP   | 4' x 8' serpentine, selective surface                             | 521    |
| AS40 - P  | 4' x 10' serpentine   | 501    |
| RN12  | Round-rhombic nipple, 12 mm                                       | 2.10   |
| H075  | Header, 3/4", c/w brazed nipples                                  | 54     |
| H100  | Header, 1", c/w brazed nipples                                    | 77     |
| <b>Sunstrip™ Solar Fin</b>                        |   |        |
| 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)           | 73     |
| SSI46/12 - SP*                                    | 146 mm fin/12 mm tube, selective surface (\$/sq.m)                | 101    |
| SScutting   | Cutting charge for fin  | 1.60   |
| <b>DTL Shell-and-tube Heat Exchangers</b>         |   |        |
| <b>2" Diameter Shell-and-Tube Heat Exchangers</b> |   |        |
| D2T7L3  | 2" by 3' all copper shell-and-tube                                | 536    |
| D2T7L4  | 2" by 4' all copper shell-and-tube                                | 631    |
|   | 2" each extra foot add (for custom orders)                        | 96     |
| <b>3" Diameter Shell-and-Tube Heat Exchangers</b> |   |        |
| D3T14L3   | 3" by 3' all copper shell-and-tube                                | 817    |
| D3T14L4   | 3" by 4' all copper shell-and-tube                                | 962    |
| D3T14L6   | 3" by 6' all copper shell-and-tube                                | 1253   |
|   | 3" each extra foot add (for custom orders)                        | 149    |
| <b>4" Diameter Shell-and-Tube Heat Exchangers</b> |   |        |
| D4T28L4   | 4" by 4' all copper shell-and-tube                                | 1620   |
| D4T28L6   | 4" by 6' all copper shell-and-tube                                | 2095   |
| D4T28L8   | 4" by 8' all copper shell-and-tube                                | 2569   |
| D4T28L12  | 4" by 12' all copper shell-and-tube                               | 3518   |
|   | 4" each extra foot add (for custom orders)                        | 242    |

\* 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!*