

2011 Products and Accessories Catalog



PROPAC™ 10D Domestic Integrated Drainback System:

- Fully integrated, self contained heat transfer unit
- 160 ft² maximum collector surface area
- 320 gallons maximum storage tank capacity
- Freeze proofs collectors
- No remote valves
- No collector scaling
- TIG welded 304 stainless 10 gallon reservoir
- Serviceable Stainless Steel heat exchanger
- Quiet operation
- Pre-tested, Factory certified
- Compact design
- Over temperature protected
- Dual bronze pumps

Part Number
IDS 10 160 PP 120 - 10 gallon Integrated Drainback System

Accessories:
Flow Meter - 6" inline flow meter 3/4" MIP
Temperature Gauges - in line dial temperature gauges 100°F to 250°F range
WH Conversion Kit - Water heater element conversion kit

See spec sheets for more information



PROPAC™ Commercial Integrated Drainback System:

- Fully integrated, self contained heat transfer unit
- Up to 800 ft² maximum collector surface area
- Freeze proofs collectors
- No remote valves
- No collector scaling
- TIG welded 304 stainless reservoir
- Serviceable Stainless Steel heat exchanger
- Pre-tested, Factory certified
- 3/4" to 1 1/4" piping available
- Over temperature protected
- Custom size systems available

Part Numbers
IDS 20 320 PP 240 - 20 gallon, 320 ft² collector max., Integrated Drainback System
IDS 30 600 PP 240 - 30 gallon, 600 ft² collector max., Integrated Drainback System
IDS 40 800 PP 240 - 40 gallon, 800 ft² collector max., Integrated Drainback System

See spec sheets for more information



Drainback Tanks:

- 100% 304 Stainless Steel construction with rigid foam insulation
- SRCC certified
- Dent resistant ABS plastic jacket
- Attractive and lightweight
- 5 Year warranty
- Convenient filling access with location for pressure relief valve
- Return line dip tube for quiet operation
- 7, 10, & 15, gal. Engineered for placement on top of water heater
- All tanks come with a sight glass

Part Numbers

DBT 20 SS - 20 gal. Drainback Tank - Diameter 16.125" Height 32"

DBT 30 SS - 30 gal. Drainback Tank - Diameter 16.125" Height 48" (1" to 1¼" fittings)

DBT 40 SS - 40 gal. Drainback Tank - Diameter 16.125" Height 63" (1" to 1¼" fittings)



Tank stand

- High strength aluminum with vinyl feet
- All welded connections for structural rigidity
- Space saving design allows for easy plumbing under tank
- Accommodates all tank sizes

Height: 7.5"

Width: 13.5" x 13.5"

Weight: 3 lbs

Part Number:

DB ST6 - Welded aluminum drainback tank stand with rubber feet



Sight Glass

- Shows water level in drainback tank when system is operating or off
- Solid cast brass ends with compression o-rings
- High temperature poly tube

Part Numbers:

DB SG07 - sight glass for 7 gal. tank - 8" length

DB SG10 - sight glass for 10 gal. tank - 12" length

DB SG15 - sight glass for 15 gal. tank - 18" length

DB SG20 - sight glass for 20 gal. tank - 25.5" length



Solar Collector Flashing Kit

- 26 gauge galvanized roof flashing material
- Copper riser with copper coolie cap
- Unique wire flashing for PV panel wire or sensors

Part Number:

CFK1 - Solar Collector Flashing Kit



Flow Meter

- Rugged polysulfone construction
- 2 to 10 GPM capacity with set point
- 6" Inline design with 3/4" M threads

Part Number
Flow Meter 6



Temperature Gauges

- 2.5" Dial temperature gauge set
- Designed for solar loop piping
- 32°F to 250°F range
- Allows for easy diagnostics
- Includes 1/2" M thermo-well base

Part Number
TEMP G 250 SET



Water Heater Conversion Kit

- Converts any regular electric water heater to solar *
- Quick installation
- Replaces lower element or boiler drain
- Brass construction 3/4" F connections
- Includes strainer and element adapter

Part Number
WH CV KIT

* Not for gas water heaters



In line Strainer

- Solar loop strainer for extended system reliability
- Solid brass construction with cleanable screen

Part Number
STRAINER 3/4F



Ball Valve

- Easily connect the solar loop piping with quick connect sharkbite ends
- Solid brass construction

Part Numbers
BV34 SB - 3/4" ball valve with sharkbite ends



Float Vent Valve

- Automatic float vent valve allows for easy system setup and service
- Brass 1/8" M thread

Part Number
FV18 - Taco float vent 1/8"



Pressure Relief Valve

- Relieves pressure buildup in solar loop
- Brass 3/4" M thread
- Protects system components for long life

Part Number
PR50 - 3/4" 50psi pressure relief valve
PR30 - 3/4" 30psi pressure relief valve



Boiler Drain

- High quality drain allows for easy system drain and service
- Brass 3/4" M thread

Part Number
BD34 - 3/4" Boiler drain



Mixing Valve

- 3/4" Sharkbite fittings or F IPT thread
- Temperature Actuated Mixing Valve that mixes hot water with cold to deliver tempered water at a controlled temperature to 120° F maximum

Part Number
MV34 SB - 3/4"



Fittings

- Brass 3/4" TEE (part number - T34)
- Brass 3/4" Elbow (part number - EL34)
- Brass nipple 3/4" x 2.5" (part number - N34 2.5)
- Brass nipple 3/4" x close (part number - N34C)