

Grace Under Pressure!

Dtec-1

Introducing the most precise, reliable and durable pressure detection system made available for spas and hot tubs!

We know that our new Dtec-1 pressure detection system is among the most important pieces of safety equipment found in your spa system. It constantly monitors water flowing through the heater and helps protect the integrity of critical components if ever a problem arises. That's why we designed it to be the most precise, the most reliable and the most durable pressure detection system made available to the spa and hot tub industry.

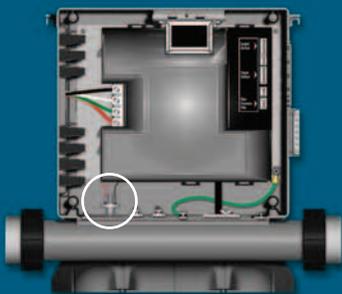
Available in factory presets configurations of 1.5 or 2 psi, Dtec-1 has a smaller foot print, is universal and easy to install, shares same set point with other models and can be used to replace them. It is virtually unaffected by ambient temperature variation. Intensive testing and validation prove Dtec-1 to be the most stable pressure detection system.



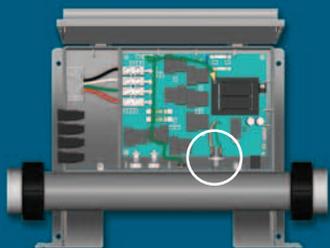
Dtec-1

precise, reliable and durable pressure detection system

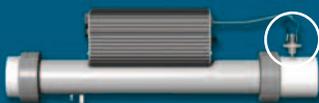
Small size Dtec-1 is a universal fit for all spa pack models. It is fully compatible with Gecko Alliance's Metapacks, CLASS spa systems and new heat.way heaters.



M-CLASS spa systems & MSPA-MP metapacks

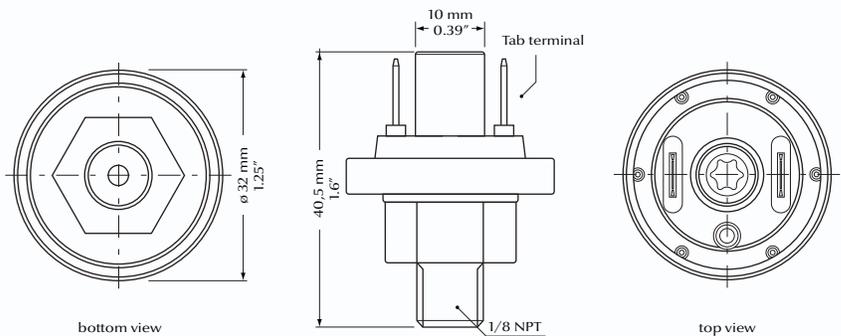


S-CLASS spa systems & SSPA-MP metapacks



U-CLASS spa systems & Micro-Spa

Our Dtec-1 pressure detection system is fully approved (UL 353 & CB) and is covered by an 18 month warranty from the date of manufacturing.



Specification summary:

Environmental conditions:	
Operating temperature:	0 to 122F (-17 to 50C)
Storage temperature:	-40 to 160F (-40 to 70C)
Humidity:	Up to 80% non-condensing
Electrical specifications:	
Switch rating / 1 Pole NO:	5V, 0.4 VA
Temperature of pressure medium:	
	max. 85°C
Connections:	
Tab terminals:	.25" (1 mm), brass gold plated
Threaded inlet:	1/8 npt
Pressure range / Tolerances:	
Pressure (adjustable):	1 to 5 psi
Tolerance:	+/- 15% N.C.
Factory presets:	1.5 or 2 psi
Max. working pressure:	44 psi

Competitive positioning:

	Dtec-1	other switches (average)
Reproducibility:	0.1 psi	0.25 psi
Drift:	0.1 psi	up to 0.3 psi
Cycles to failure:	> 2,000,000	

