

Pharmapac® - Genesis™



Simplicity, Engineered Through Innovation, Not Imitation

Genesis 1 – 0.75L to 1.66L 48 Hrs Minimum Summer Duration



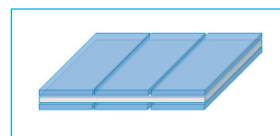
Pharmapac-Genesis™ is Hydropac's first validated offering within the Pharmapac brand, designed as a cost effective, single-use system to protect refrigerated payloads (2 – 8°C) for at least two days during transit.

Consisting of a heavy-duty recyclable polystyrene (EPS) container, robust ice packs and an innovative filter pack designed to regulate internal temperatures, Hydropac have been able to achieve superior year-round thermal protection minus the complexity and cost.

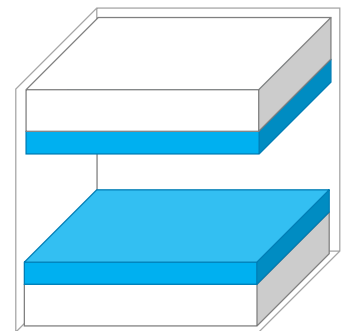
Simple, affordable, effective.

The science behind Pharmapac-Genesis™ Filter Pack

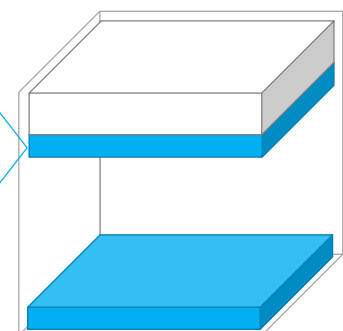
Two layers of encapsulated water separated by an insulative panel



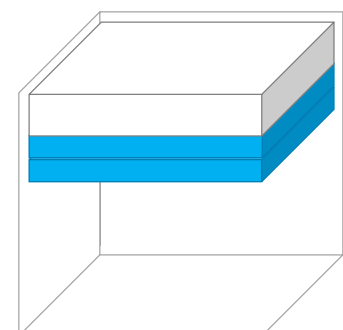
- First layer of water absorbs the majority of the sub-zero thermal energy from the ice pack.
- Insulative panel controls the rate of cooling of the second layer of water to ensure sample temperatures do not deviate outside the 2 – 8°C temperature window.



Summer



Spring/Autumn



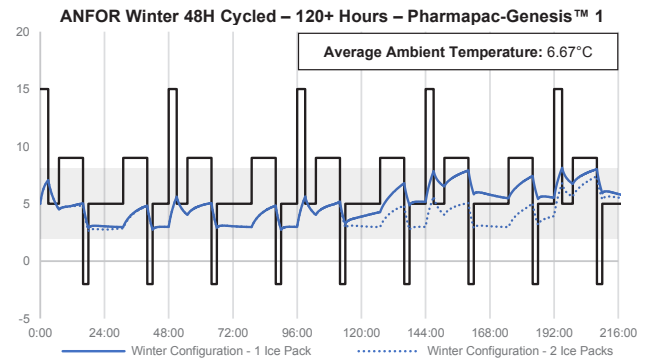
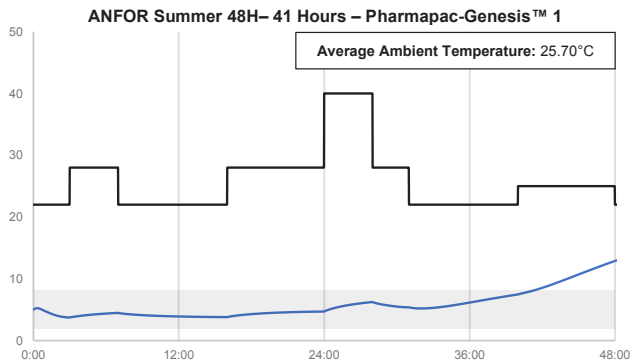
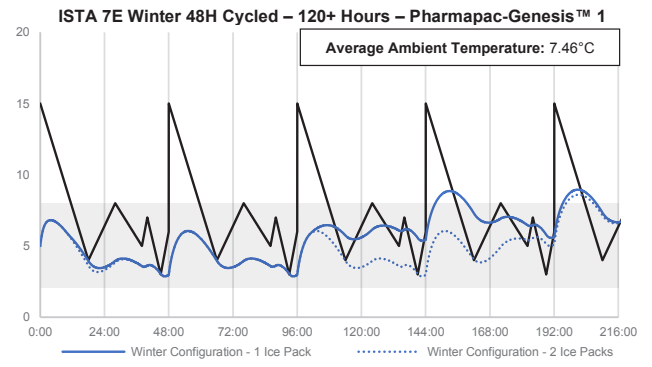
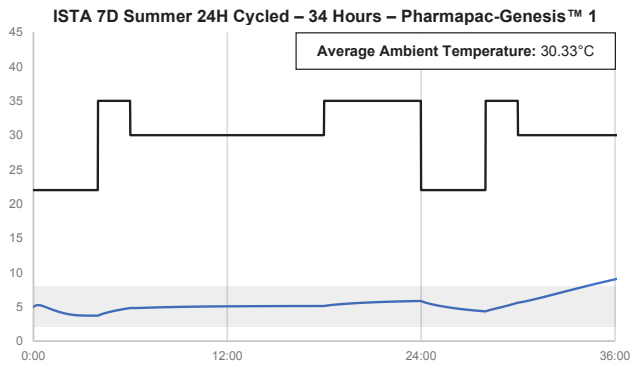
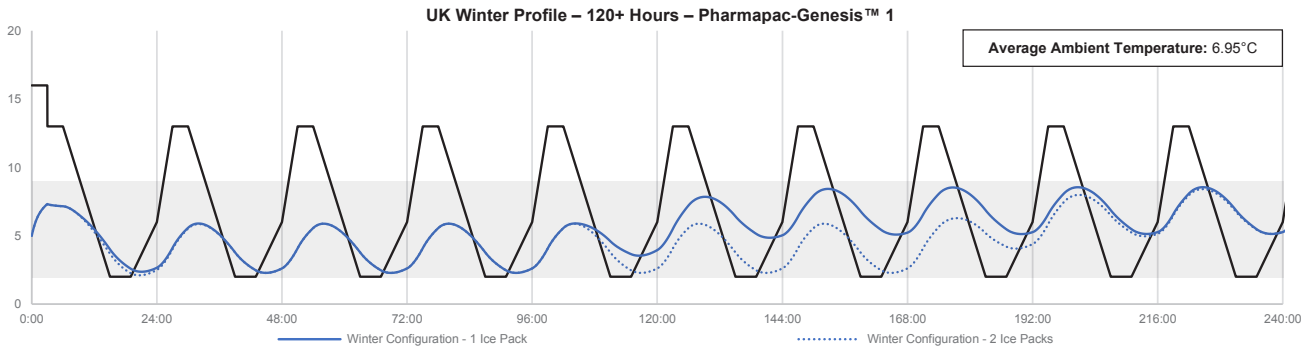
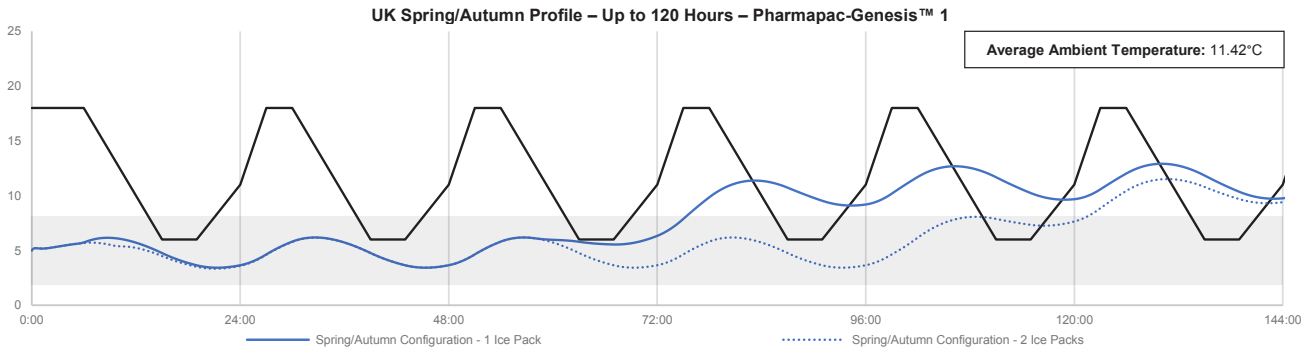
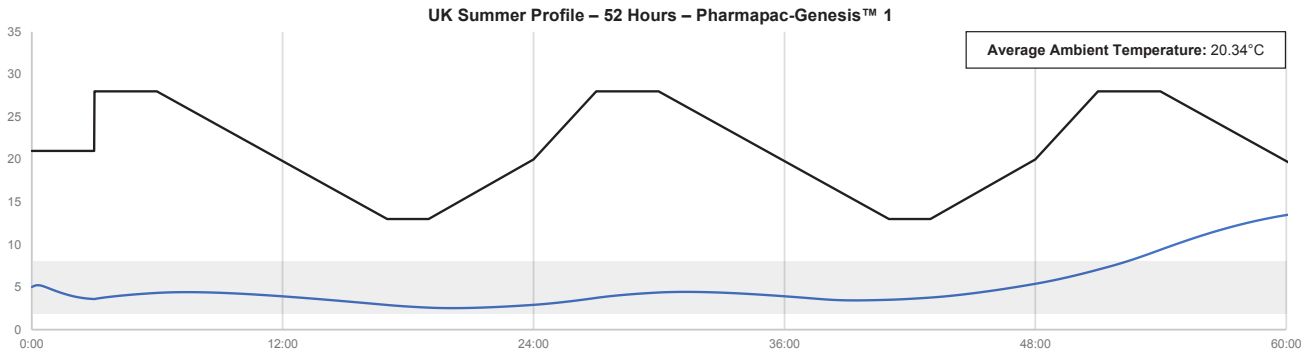
Winter

System ID	Season	Duration (Hours)	Payload Dims. (mm) L x W x H	Litres	External Dims. (mm) L x W x H	Tare Weight (kg)
Pharmapac-Genesis™ 1 2 - 8°C	Summer	52	152 x 152 x 32	0.75		1.69
	Spring/Autumn	75	152 x 152 x 65	1.50	255 x 255 x 255	1.25
	Winter	120+	152 x 152 x 72	1.66		1.25
Pharmapac-Genesis™ 3 2 - 8°C	Summer	58	248 x 208 x 71	4.37		3.30
	Spring/Autumn	83	248 x 208 x 99	6.09	355 x 305 x 300	2.25
	Winter	120+	248 x 208 x 109	6.70		2.25
Pharmapac-Genesis™ 4 2 - 8°C	Summer	78	202 x 202 x 75	3.06		3.25
	Spring/Autumn	106	202 x 202 x 108	4.41	345 x 345 x 355	2.30
	Winter	120+	202 x 202 x 119	4.86		2.30
Pharmapac-Genesis™ 4D 2 - 8°C	Summer	54	248 x 248 x 117	7.20		3.95
	Spring/Autumn	76	248 x 248 x 151	9.29	345 x 345 x 355	2.75
	Winter	120+	248 x 248 x 163	10.03		2.75
Pharmapac-Genesis™ 5 2 - 8°C	Summer	82	298 x 298 x 118	10.48		5.96
	Spring/Autumn	108	298 x 298 x 146	12.97	460 x 460 x 390	4.05
	Winter	120+	298 x 298 x 158	14.03		4.05

Another innovation by

Hydropac®

GENESIS 1 - Datasheet



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