

EC – DECLARATION OF PERFORMANCE

No#DOP603352022B

We Tucson Pumps Ltd, commission and distribute the following products referenced below by code, within the European Economic area and the UK.

Tucson pumps product code references:

(RS25/5EA, RS25/6EA, RS25/8EA, MBP45)

771902, 771903, 771904, 771906, 771908, 771909, 771912, 771913, 771917, 771918, 771920, 771921, 771922, 771923, 771924, 771925, 771926, 771927, 771928, 771929, 771932, 771933, 771934, 771935, 771946, 771947, 771971, 771972,

We declare that these products are manufactured in accordance with the following directives where applicable:

- The CE marking Directive 93/68/EEC
- The Machinery Directive 2006/42/EC
- The Construction Products Regulation (EU) No. 305/2011
- The Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- The Low Voltage Directive (LDV) 2014/35/EU
- The RoHS2 Directive 2011/65/EU
- The Waste Electrical and Electronic Equipment Directive 2012/19/EU
- Energy Related Products Directive according to Commission Regulation (EU) No 641/2009 implementing Directive 2005/32/EC Commission Regulation regarding Eco-design requirements for glandless standalone circulators and glandless circulators integrated in products.

And have been designed and manufactured to the following specifications:

Quality Management system:	I.S.O. 9001:2015
Safety of Machinery, General principles for design, Risk assessment:	E.N.12100:2010
Household and similar electrical appliances – safety - Part 1 – General:	E.N.60335 -1:2012+A13:2017
Household and similar electrical appliance – safety - Part 2 – Pumps:	E.N.60335 -2-41:2003+A2:2010
Electromagnetic Compatibility - Part 2 & 3:	E.N. 61000-3-2 & 3
Degree of protection provided by enclosures (IP code):	E.N. 60529:1992 +A2:2013
Safety of Machinery - General Requirements:	E.N. 60204 - 1:2018
Electromagnetic compatibility - Part 1 & 2:	EN 55014-1:2017 & 2:2015
Pumps - Rotodynamic Pumps - Glandless Circulators EEI	EN16297-1/2/3:2012

Body name & Number:	TUV SUD Munich Germany. No#0123
Body address:	TUV SUD Product Service GmbH Ridlerstraße 65. 80339 Munich Germany.
Body name and Number:	Ente Certification Macchine Srl Italy. No#1282
Body address:	Via Ca' Bella 243 – Loc Castello di Serravalle – 40053 Valsamoggia (BO) – Italy.
System of assessment as set out in Annex V:	System 3.
Certificate No#.	42210108.TP0087/ N8A0811590068 Rev04/N8A0811590059Rev01/E8A0811590083Rev02/M8A0811590141/E8N130581159011/Z1A0811590069rev04
Test report No#	ZTL-2020123001E/ZTL-2020123002S/ ZTL-2020123003s/708881223602-00/704012128408-00
Eco-design (ErP)test Body and Number:	KIWA (House) Energy No#0217
Body address:	Kiwa House, Malvarn View Business Park, Stella Way, Bishops Cleeve, Cheltenham, Gloucestershire UK
Certificate No#.	ErP/ELEC/0558/21/002. ErP/ELEC/0558/21/003. ErP/ELEC/0558/22/005. ErP/ELEC/0558/22/006. ErP/ELEC/0558/22/004. ErP/ELEC/0558/22/003. ErP/ELEC/0558/22/002. ErP/ELEC/0558/22/001.

Declared performance:

Essential Characteristics	Performance	Harmonised Standard
General requirements and procedures for testing and calculation of energy efficiency	PASS	EN 16297-1
Circulation of energy efficiency for stand-alone circulations	PASS	EN 16297-2
Energy efficiency index for circulations integrated in products	PASS	EN 16297-3
	Result	ErP <0.23

We hereby declare that the equipment outlined within this schedule has been designed to comply with the relevant sections of the a forementioned specifications. These products comply with all relevant sections of the essential requirements.

The Technical Document for this machinery is available from the headed address.

Signed on behalf of Tucson Pumps Ltd.

Issue 2 – December 2nd 2022.