



PEP Ecopassport[®]

Product Environmental Profile – Performance Climate Changer[®] Semi-Custom Air Handling Units (CSAA and PSCA)

FEBRUARY 2026 RN TRNE-10004-V0.1.01-EN



Product Environmental Profile - PEP Ecopassport.
 Document in compliance with ISO 14025: 2006 "Environmental labels and declarations. Type III environmental declarations."

Company	Trane Technologies
Contact Information	TraneCommercialEPD@tranetechnologies.com
Registration Number	TRNE-10004-V01.01-EN

Company Description

Trane Technologies® is a world leader in heating and cooling systems, services, and solutions. Together with our brands, Trane® and Thermo King®, we bring efficient and sustainable climate innovations to buildings, homes, and transportation.

Trane helps customers succeed by providing innovative solutions that optimize indoor environments through a broad portfolio of energy-efficient heating, ventilating, and air conditioning systems, buildings, contracting and energy services, parts support, and advanced controls for homes and commercial buildings.

Trane serves engineers, contractors, and building owners on all continents and in an array of markets including education, healthcare, government, industrial/ manufacturing, data centers, lodging, retail, and commercial real estate. With more than 900 U.S. patents to date, Trane creates comfortable and energy-efficient environments around the world.

Trane systems and services have a reputation for reliability, high quality, and advanced innovation; and are available through a powerful distribution network. Trane employees and distributors are respected industry-wide for their skills and performance in designing, manufacturing, marketing, and supporting commercial and residential systems.

Product Information	
Reference Product	Performance Climate Changer® Semi-Custom CSAA 010 Air Handling Unit
Product Description	<p>Versatility meets high performance - Trane Performance Climate Changer® Semi-Custom Air Handlers (CSAA and PSCA) combine flexibility and reliability to meet your project requirements.</p> <p>Product Family Specifications:</p> <ul style="list-style-type: none"> Application: Indoor, outdoor Airflow Range (Cfm): 1,500 – 60,000 CFM Construction: 2" or 3" Foam Double Wall no through-metal construction <p>Benefits:</p> <ul style="list-style-type: none"> Versatility - Suitable for indoor and outdoor applications, these units offer a wide array of options designed to reduce environmental impact, support sustainability goals, and lower cost of ownership. Optional flexible aspect ratio is available. Energy Efficiency - Units feature superior casing that provide low air leakage rates. Choose the fan option that best meets your performance goals – from sustainability, to redundancy, to energy efficiency – to keep operating costs down. Advanced energy recovery options further enhance efficiency. Engineered for Indoor Environmental Quality - Innovative technologies like Trane Commercial Catalytic Air Purification Cleaning System (TCAPS) and Cool Dry Quiet (CDQ®) desiccant dehumidification technology provide dramatically improve indoor air quality without compromising acoustic performance. Reliable, High Performance - Units offer reliable performance with up to 60,000 CFM and +/-10" static pressure capabilities. Designed for longevity with double-wall casing with 2" or 3" injected foam walls to minimize leakage and deflection. Direct Drive Plenum fan arrays provide reliable, low-maintenance performance. Easy Installation & Maintenance - Units are designed for easy installation, reducing costly downtime. Engineered with removable panels with optional multiple shipping splits, making it easier to navigate through narrow spaces. Factory-installed controls simplify job-site coordination and reduce installation time and expenses. Secure, Open, Easy Connectivity - Symbio® 500 seamlessly connects with Trane Building Automation and Management Systems, including Tracer® SC+, Tracer® Synchrony, or Tracer® Ensemble. Units run on industry-standard BACnet, so Symbio® can be integrated into both Trane BAS and non-Trane systems. <p>The unit selected for this EPD included the following selections:</p> <ul style="list-style-type: none"> Galvanized steel panels with 2 inches of foam-injected R-13 insulation Trane Symbio unit-mounted, facility-programmed controls 4 MERV 8 filters AHRI ACHC Certified heating and cooling coils Variable frequency drive-controlled supply fan Parallel blade dampers for return and outside air in the air mixing section
Functional Unit	Transfer 1 m ³ of air per hour for the ventilation and air treatment and filtration of a building over the reference lifetime of 17 years
Declared Unit	<p>To transfer air for ventilation and air filtration of a building with an air handling unit with an 8,495 air flow rate m³/h over the typical product lifetime of 17 years.</p> <p><i>Note: the mathematical relationship between the functional and declared unit is such that the declared unit divided by its airflow rate in m³/h equals the functional unit.</i></p>
Other Products Covered	List of other products covered in this PEP is presented in the section which concerned the extrapolation rules
Reference Lifetime*	17 Years

*Reference lifetime was defined as 17 years by the Product Category Rules which governed this analysis.

Technical Characteristics	
Data Point	Performance Climate Changer® Semi-Custom Air Handling Unit
Product Family	Ventilation equipment
Equipment Type	Commercial bidirectional air handling unit
Nominal airflow	8,495 m ³ /h 5,000 CFM
Operating Mode	Demand control ventilation
Functions Handled by the Product	Air handling, ventilation, filtration (MERV 8 filters), heating, and cooling

Constituent Materials >> Total weight of the reference product: 763 kg					
Plastics as % of weight		Metals as % of weight		Others as % of weight	
Product only: 723 kg					
Polyurethane	4.9%	Steel	73.1%	Electronics	2.2%
Other plastics	0.4%	Copper	5.0%	Other miscellaneous	4.3%
		Aluminum	4.4%		
		Other metals	0.5%		
Packaging only: 40 kg					
Polyethylene film	1.0%	Steel	0.1%	Cardboard	0.8%
				Wood	3.2%
Total plastics	6.3%	Total metals	83.2%	Total others	10.5%

Life Cycle Stages	
Manufacturing	The manufacturing stage includes the production of raw and intermediate materials, as well as transportation to the manufacturer's last logistic platform for Performance Climate Changer® Semi-Custom Air Handling Units. The final assembly of the product is carried out at Trane's plant in Columbia, SC, USA. As a member of SteelZero, Trane has pledged to procure, specify or stock 50% net-zero steel by 2030 and 100% net-zero steel by 2050. The main process steps for production include cutting, rolling, machining, brazing, welding, painting, sub- and final assemblies, and end-of-the-line testing.
Distribution	The transport from Trane's manufacturing facility to the customer was considered. The distance was calculated using averages for all shipped orders in 2024.
Installation	The installation stage includes diesel consumed by machinery used to move and place the product during installation as well as disposal of packaging used in product distribution.
Use	The use stage is conducted in alignment with the PSR, which models the electricity use of this commercial bidirectional air handling unit at its nominal airflow and pressure (5,000 CFM, 4.02 in H ₂ O) over the 17-year reference lifetime with 2,600 annual operating hours for the fans in the unit. Replacement parts are also considered in this stage; filters are replaced annually, and the fan motor was replaced once over the reference lifetime.
End of Life	The end-of-life stage includes transportation to the end-of-life facility of the disposal of product. End of life fates were modeled by material for the region where they are being disposed of, in this case North America.
Benefits and loads beyond the system boundaries	Throughout the life cycle of the product, net loads and benefits beyond system boundaries are included.

Data Quality and Software	
Geographical Representativeness	The geographical scope of all life cycle stages (manufacturing, distribution, use, and end of life) of this PEP is North America. Overall geographic representativeness is considered good.
Temporal Representativeness	Primary data was collected from 2024. Secondary data refers to the Ecoinvent database published in 2023. The temporal coverage for each secondary process used in the LCA model is specified in the documentation section of individual Ecoinvent datasets.
Technological Representativeness	Overall technology representativeness is considered good.
Software and Database Used	Sima Pro desktop 9.6. Ecoinvent Database Version 3.10

Energy Model Used	
Manufacturing	Manufacturing electricity considers the eGRID specific region from which the product is being manufactured in Ecoinvent's datasets (market for electricity, medium voltage {US-SERC}).
Distribution	No energy consumption occurs during the distribution stage.
Installation	No energy consumption occurs during the installation stage.
Use	Use stage electricity is modeled using an average North American grid mix dataset (market group for electricity, medium voltage {RNA}).
End of Life	No energy consumption occurs during the end-of-life stage.
Benefits and loads beyond the system boundaries	End of life benefits consider average North American electricity (market group for electricity, medium voltage {RNA}).

Environmental Impacts

Results are given per functional unit (transfer 1 m³ of air per hour) and per device (one Performance Climate Changer® Semi-CustomCSAA 010 unit). Obtain results per CFM by dividing the results per device by 5,000 (airflow of this unit in CFM) or multiplying the results per functional unit by 1.699 (conversion factor from m³/h to CFM).

EN 15804 + A2 Environmental Impact Indicators, per m ³ /h corresponding to the functional unit										
		Total Life Cycle Impacts (Excluding Module D)		Manufacturing A1-A3	Distribution A4	Installation A5	Maintenance B2	Operational Energy Use B6	End of Life C1-C4	Module D
Climate change - total	GWP	9.82E+00	kg CO ₂ eq	3.80E-01	1.01E-02	1.16E-02	1.17E-01	9.28E+00	2.70E-02	-7.49E-02
Climate change - fossil fuels	GWPf	9.73E+00	kg CO ₂ eq	3.96E-01	1.01E-02	1.12E-02	1.11E-01	9.19E+00	1.22E-02	-8.09E-02
Climate change - biogenics	GWPb	6.07E-02	kg CO ₂ eq	-1.68E-02	1.17E-06	4.75E-04	5.87E-03	5.64E-02	1.48E-02	6.24E-03
Climate change - land use and land use transformation	GWPlu	2.88E-02	kg CO ₂ eq	8.10E-04	2.91E-07	3.70E-07	7.23E-05	2.79E-02	8.98E-07	-2.37E-04
Ozone depletion	ODP	1.49E-07	kg CFC-11 eq	1.10E-08	1.33E-10	1.40E-10	8.84E-08	4.91E-08	1.16E-10	-6.24E-10
Acidification	AP	3.01E-02	mole of H ⁺ eq	4.93E-03	2.65E-05	2.94E-05	8.29E-04	2.42E-02	3.07E-05	-2.03E-03
Eutrophication, freshwater	Epf	6.79E-04	kg P eq	4.00E-05	2.46E-08	2.64E-08	5.26E-06	6.33E-04	3.18E-07	-7.16E-06
Eutrophication, marine aquatic	Epm	4.32E-03	kg of N eq	4.86E-04	9.53E-06	1.10E-05	1.25E-04	3.65E-03	2.90E-05	-1.13E-04
Eutrophication, terrestrial	Ept	4.88E-02	mole of N eq	5.90E-03	1.04E-04	1.20E-04	1.42E-03	4.12E-02	1.15E-04	-1.47E-03
Photochemical ozone formation	POCP	1.96E-02	kg NMVOC eq	1.98E-03	3.95E-05	4.42E-05	5.06E-04	1.69E-02	4.41E-05	-4.81E-04
Abiotic resource depletion – elements	ADPe	7.83E-05	kg Sb eq	7.14E-05	5.90E-10	6.26E-10	6.36E-06	4.59E-07	1.23E-08	-2.46E-05
Abiotic resource depletion – fossil fuels	ADPf	1.83E+02	MJ	5.17E+00	1.33E-01	1.37E-01	1.54E+00	1.76E+02	1.14E-01	-8.72E-01
Water use	WU	2.41E+00	m3 world eq	1.54E-01	1.22E-04	7.37E-05	1.77E-02	2.24E+00	-3.85E-03	-3.80E-02

Notes: characterization factors use the -1/+1 biogenic carbon storage assessment methodology

Inventory Flow Indicators, per m ³ /h corresponding to the functional unit										
		Total Life Cycle Impacts (Excluding Module D)		Manufacturing A1-A3	Distribution A4	Installation A5	Maintenance B2	Operational Energy Use B6	End of Life C1-C4	Module D
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	PERE	2.52E+01	MJ	6.56E-01	2.13E-04	3.09E-04	1.05E-01	2.44E+01	1.52E-03	-1.85E-01
Use of renewable primary energy resources used as raw materials	PERM	2.12E-01	MJ	2.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.93E-02
Total use of renewable primary energy resources	PERT	2.54E+01	MJ	8.67E-01	2.13E-04	3.09E-04	1.05E-01	2.44E+01	1.52E-03	-2.64E-01
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	PENRM	2.42E-01	MJ	2.42E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.98E-02
Use of non-renewable primary energy resources used as raw materials	PENRE	1.82E+02	MJ	4.93E+00	1.33E-01	1.37E-01	1.54E+00	1.76E+02	1.14E-01	-8.52E-01
Total use of non-renewable primary energy resources	PENRT	1.83E+02	MJ	5.17E+00	1.33E-01	1.37E-01	1.54E+00	1.76E+02	1.14E-01	-8.72E-01
Use of secondary materials	USM	2.98E-02	kg	2.98E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of renewable secondary fuels	URSF	0.00E+00	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of non-renewable secondary fuels	UNRSF	0.00E+00	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Net use of fresh water	NUFW	1.14E-01	m ³	4.80E-03	4.46E-06	3.80E-06	5.81E-04	1.09E-01	-8.65E-05	-1.25E-03
Hazardous waste disposed	HWD	6.65E-03	kg	3.55E-04	1.08E-06	1.13E-05	1.31E-03	4.55E-03	4.19E-04	-3.01E-05
Non-hazardous waste disposed	NHWD	2.14E-01	kg	3.11E-02	5.52E-06	4.09E-03	7.17E-03	8.73E-02	8.42E-02	-2.02E-03
Radioactive waste disposed	RWD	9.90E-04	kg	8.89E-06	4.78E-09	6.95E-09	1.93E-06	9.79E-04	2.05E-08	-9.75E-07
Components for re-use	CRU	0.00E+00	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for recycling	MFR	9.15E-02	kg	2.48E-02	0.00E+00	3.51E-03	4.44E-03	0.00E+00	5.87E-02	0.00E+00
Materials for energy recovery	MER	0.00E+00	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	EE	2.26E-02	MJ	0.00E+00	0.00E+00	6.67E-03	2.57E-04	0.00E+00	1.57E-02	0.00E+00
Biogenic carbon content in the product	BCC	1.37E-03	kg C	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.01E-03
Biogenic carbon content in accompanying packaging	BCCP	1.77E-03	kg C	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.72E-03

TRACI 2.1 Environmental Impact Indicators, per m ³ /h corresponding to the functional unit										
		Total Life Cycle Impacts (Excluding Module D)		Manufacturing A1-A3	Distribution A4	Installation A5	Maintenance B2	Operational Energy Use B6	End of Life C1-C4	Module D
Ozone depletion	OD	1.96E-07	kg CFC-11 eq	1.21E-08	1.41E-10	1.48E-10	7.96E-08	1.04E-07	1.25E-10	-8.59E-10
Global warming	GW	9.68E+00	kg CO ₂ eq	3.93E-01	9.97E-03	1.11E-02	1.10E-01	9.13E+00	2.05E-02	-8.01E-02
Smog	SG	2.67E-01	kg O ₃ eq	2.92E-02	6.06E-04	6.95E-04	7.78E-03	2.28E-01	6.55E-04	-6.91E-03
Acidification	A	2.53E-02	kg SO ₂ eq	3.96E-03	2.38E-05	2.65E-05	6.87E-04	2.05E-02	2.78E-05	-1.59E-03
Eutrophication	E	5.65E-03	kg N eq	4.36E-04	1.62E-06	1.89E-06	6.21E-05	5.12E-03	2.58E-05	-7.47E-05
Carcinogenics	C	4.34E-08	CTUh	1.69E-08	7.26E-12	1.20E-11	1.48E-09	2.50E-08	6.34E-11	-4.00E-09
Non carcinogenics	NC	7.32E-07	CTUh	3.23E-07	1.59E-09	1.53E-09	3.48E-08	3.68E-07	2.90E-09	-1.37E-07
Respiratory effects	RE	1.50E-02	kg PM _{2.5} eq	6.41E-04	4.04E-06	4.23E-06	1.16E-04	1.42E-02	4.60E-06	-2.12E-04
Ecotoxicity	EX	3.87E+00	CTUe	2.23E+00	3.30E-02	3.21E-02	2.31E-01	1.31E+00	3.14E-02	-7.10E-01
Fossil fuel depletion	FFD	1.16E+01	MJ surplus	4.11E-01	1.87E-02	1.93E-02	1.49E-01	1.10E+01	1.56E-02	-5.82E-02

EN 15804 + A2 Environmental Impact Indicators, per device corresponding to the reference product

		Total Life Cycle Impacts (Excluding Module D)		Manufacturing A1-A3	Distribution A4	Installation A5	Maintenance B2	Operational Energy Use B6	End of Life C1-C4	Module D
Climate change - total	GWP	8.34E+04	kg CO ₂ eq	3.23E+03	8.57E+01	9.89E+01	9.93E+02	7.88E+04	2.29E+02	-6.36E+02
Climate change - fossil fuels	GWPF	8.27E+04	kg CO ₂ eq	3.37E+03	8.57E+01	9.48E+01	9.42E+02	7.81E+04	1.03E+02	-6.87E+02
Climate change - biogenics	GWBP	5.16E+02	kg CO ₂ eq	-1.43E+02	9.98E-03	4.04E+00	4.99E+01	4.79E+02	1.26E+02	5.30E+01
Climate change - land use and land use transformation	GWPLU	2.45E+02	kg CO ₂ eq	6.88E+00	2.47E-03	3.14E-03	6.14E-01	2.37E+02	7.63E-03	-2.01E+00
Ozone depletion	ODP	1.26E-03	kg CFC-11 eq	9.33E-05	1.13E-06	1.19E-06	7.51E-04	4.17E-04	9.87E-07	-5.30E-06
Acidification	AP	2.55E+02	mole of H ⁺ eq	4.19E+01	2.25E-01	2.50E-01	7.04E+00	2.06E+02	2.61E-01	-1.72E+01
Eutrophication, freshwater	Epf	5.77E+00	kg P eq	3.40E-01	2.09E-04	2.24E-04	4.47E-02	5.38E+00	2.70E-03	-6.08E-02
Eutrophication, marine aquatic	Epm	3.67E+01	kg of N eq	4.13E+00	8.09E-02	9.31E-02	1.06E+00	3.10E+01	2.47E-01	-9.61E-01
Eutrophication, terrestrial	Ept	4.15E+02	mole of N eq	5.01E+01	8.87E-01	1.02E+00	1.21E+01	3.50E+02	9.81E-01	-1.25E+01
Photochemical ozone formation	POCP	1.66E+02	kg NMVOC eq	1.68E+01	3.35E-01	3.75E-01	4.30E+00	1.44E+02	3.75E-01	-4.08E+00
Abiotic resource depletion – elements	ADPe	6.65E-01	kg Sb eq	6.07E-01	5.01E-06	5.32E-06	5.41E-02	3.90E-03	1.05E-04	-2.09E-01
Abiotic resource depletion – fossil fuels	ADPF	1.55E+06	MJ	4.39E+04	1.13E+03	1.16E+03	1.30E+04	1.49E+06	9.68E+02	-7.40E+03
Water use	WU	2.05E+04	m ³ world eq	1.31E+03	1.04E+00	6.26E-01	1.50E+02	1.90E+04	-3.27E+01	-3.23E+02

Note: characterization factors use the -1/+1 biogenic carbon storage assessment methodology

Inventory Flow Indicators, per device corresponding to the reference product

		Total Life Cycle Impacts (Excluding Module D)		Manufacturing A1-A3	Distribution A4	Installation A5	Maintenance B2	Operational Energy Use B6	End of Life C1-C4	Module D
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	PERE	2.14E+05	MJ	5.57E+03	1.81E+00	2.63E+00	8.90E+02	2.07E+05	1.29E+01	-1.57E+03
Use of renewable primary energy resources used as raw materials	PERM	1.80E+03	MJ	1.80E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.73E+02
Total use of renewable primary energy resources	PERT	2.16E+05	MJ	7.37E+03	1.81E+00	2.63E+00	8.90E+02	2.07E+05	1.29E+01	-2.24E+03
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	PENRM	2.05E+03	MJ	2.05E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.68E+02
Use of non-renewable primary energy resources used as raw materials	PENRE	1.55E+06	MJ	4.19E+04	1.13E+03	1.16E+03	1.30E+04	1.49E+06	9.68E+02	-7.24E+03
Total use of non-renewable primary energy resources	PENRT	1.55E+06	MJ	4.39E+04	1.13E+03	1.16E+03	1.30E+04	1.49E+06	9.68E+02	-7.40E+03
Use of secondary materials	USM	2.53E+02	kg	2.53E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of renewable secondary fuels	URSF	0.00E+00	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of non-renewable secondary fuels	UNRSF	0.00E+00	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Net use of fresh water	NUFW	9.71E+02	m3	4.08E+01	3.79E-02	3.23E-02	4.94E+00	9.26E+02	-7.35E-01	-1.06E+01
Hazardous waste disposed	HWD	5.65E+01	kg	3.02E+00	9.18E-03	9.59E-02	1.11E+01	3.87E+01	3.56E+00	-2.55E-01
Non-hazardous waste disposed	NHWD	1.82E+03	kg	2.64E+02	4.69E-02	3.48E+01	6.09E+01	7.42E+02	7.15E+02	-1.72E+01
Radioactive waste disposed	RWD	8.41E+00	kg	7.55E-02	4.06E-05	5.90E-05	1.64E-02	8.32E+00	1.74E-04	-8.28E-03
Components for re-use	CRU	0.00E+00	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Materials for recycling	MFR	7.77E+02	kg	2.11E+02	0.00E+00	2.98E+01	3.78E+01	0.00E+00	4.99E+02	0.00E+00
Materials for energy recovery	MER	0.00E+00	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	EE	1.92E+02	MJ	0.00E+00	0.00E+00	5.67E+01	2.19E+00	0.00E+00	1.33E+02	0.00E+00
Biogenic carbon content in the product	BCC	1.17E+01	kg C	1.17E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-8.62E+00
Biogenic carbon content in accompanying packaging	BCCP	1.51E+01	kg C	1.51E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.46E+01

TRACI 2.1 Environmental Impact Indicators, per device corresponding to the reference product

		Total Life Cycle Impacts (Excluding Module D)		Manufacturing A1-A3	Distribution A4	Installation A5	Maintenance B2	Operational Energy Use B6	End of Life C1-C4	Module D
Ozone depletion	OD	1.66E-03	kg CFC-11 eq	1.03E-04	1.20E-06	1.26E-06	6.76E-04	8.81E-04	1.06E-06	-7.30E-06
Global warming	GW	8.22E+04	kg CO2 eq	3.34E+03	8.47E+01	9.40E+01	9.34E+02	7.76E+04	1.74E+02	-6.80E+02
Smog	SG	2.26E+03	kg O3 eq	2.48E+02	5.15E+00	5.91E+00	6.60E+01	1.93E+03	5.56E+00	-5.87E+01
Acidification	A	2.15E+02	kg SO2 eq	3.36E+01	2.02E-01	2.25E-01	5.83E+00	1.74E+02	2.36E-01	-1.35E+01
Eutrophication	E	4.80E+01	kg N eq	3.70E+00	1.38E-02	1.61E-02	5.27E-01	4.35E+01	2.20E-01	-6.35E-01
Carcinogenics	C	3.69E-04	CTUh	1.44E-04	6.17E-08	1.02E-07	1.26E-05	2.12E-04	5.38E-07	-3.40E-05
Non carcinogenics	NC	6.22E-03	CTUh	2.75E-03	1.35E-05	1.30E-05	2.96E-04	3.13E-03	2.47E-05	-1.16E-03
Respiratory effects	RE	1.27E+02	kg PM2.5 eq	5.44E+00	3.43E-02	3.59E-02	9.82E-01	1.21E+02	3.91E-02	-1.80E+00
Ecotoxicity	EX	3.29E+04	CTUe	1.90E+04	2.80E+02	2.73E+02	1.96E+03	1.11E+04	2.66E+02	-6.04E+03
Fossil fuel depletion	FFD	9.89E+04	MJ surplus	3.49E+03	1.59E+02	1.64E+02	1.26E+03	9.37E+04	1.32E+02	-4.94E+02

Extrapolation Factors

Performance Climate Changer® Semi-Custom Air Handling Units are part of a homogeneous family of Trane air handling units. Additional products covered by this PEP are detailed below, with the reference product denoted in blue.

CSAA 003	CSAA 004	CSAA 006	CSAA 008	CSAA 010	CSAA 012	CSAA 014	CSAA 017
CSAA 021	CSAA 025	CSAA 030	CSAA 035	CSAA 040	CSAA 050	CSAA 057	CSAA 066
CSAA 080	CSAA 100	CSAA 120	PSCA007UA (42.5x27.5)	PSCA008UA (46.25x27.5)	PSCA008UA (48.5x27.5)	PSCA009UA (42.5x35)	PSCA009UA (51.5x27.5)
PSCA009UA (55x27.5)	PSCA011UA (46.25x35)	PSCA011UA (42.5x40)	PSCA011UA (46.25x40)	PSCA011UA (48.5x35)	PSCA011UA (51.5x35)	PSCA012UA (42.5x48)	PSCA012UA (48.5x40)
PSCA012UA (55x35)	PSCA012UA (57.5x35)	PSCA013UA (46.25x48)	PSCA013UA (51.5x40)	PSCA013UA (55x40)	PSCA013UA (60.75x35)	PSCA014UA (42.5x54)	PSCA014UA (48.5x48)
PSCA014UA (57.5x40)	PSCA014UA (63.5x35)	PSCA014UA (66.5x35)	PSCA015UA (46.25x54)	PSCA015UA (48.5x54)	PSCA015UA (51.5x48)	PSCA015UA (60.75x40)	PSCA015UA (63.5x40)
PSCA015UA (69.25x35)	PSCA015UA (72.5x35)	PSCA016UA (42.5x62.5)	PSCA016UA (51.5x54)	PSCA016UA (55x48)	PSCA016UA (57.5x48)	PSCA016UA (66.5x40)	PSCA017UA (42.5x68)
PSCA017UA (46.25x62.5)	PSCA017UA (60.75x48)	PSCA017UA (69.25x40)	PSCA017UA (69.25x48)	PSCA018UA (42.5x72)	PSCA018UA (48.5x62.5)	PSCA018UA (55x54)	PSCA018UA (57.5x54)
PSCA018UA (63.5x48)	PSCA018UA (72.5x40)	PSCA018UA (75.5x40)	PSCA019UA (42.5x76)	PSCA019UA (46.25x68)	PSCA019UA (48.5x68)	PSCA019UA (51.5x62.5)	PSCA019UA (60.75x54)
PSCA019UA (66.5x48)	PSCA019UA (79x40)	PSCA020UA (46.25x72)	PSCA020UA (55x62.5)	PSCA020UA (63.5x54)	PSCA020UA (69.25x54)	PSCA020UA (82.5x40)	PSCA021UA (42.5x84)
PSCA021UA (46.25x76)	PSCA021UA (48.5x72)	PSCA021UA (51.5x68)	PSCA021UA (57.5x62.5)	PSCA021UA (66.5x54)	PSCA021UA (72.5x48)	PSCA022UA (42.5x89.5)	PSCA022UA (48.5x76)
PSCA022UA (51.5x72)	PSCA022UA (55x68)	PSCA022UA (60.75x62.5)	PSCA022UA (69.25x62.5)	PSCA022UA (75.5x48)	PSCA023UA (46.25x84)	PSCA023UA (51.5x76)	PSCA023UA (55x72)
PSCA023UA (57.5x68)	PSCA023UA (63.5x62.5)	PSCA023UA (72.5x54)	PSCA023UA (79x48)	PSCA024UA (42.5x96)	PSCA024UA (46.25x89.5)	PSCA024UA (48.5x84)	PSCA024UA (57.5x72)
PSCA024UA (60.75x68)	PSCA024UA (75.5x54)	PSCA024UA (82.5x48)	PSCA024UA (84.5x48)	PSCA025UA (55x76)	PSCA025UA (63.5x68)	PSCA025UA (66.5x62.5)	PSCA025UA (87.5x48)
PSCA026UA (46.25x96)	PSCA026UA (48.5x89.5)	PSCA026UA (51.5x84)	PSCA026UA (57.5x76)	PSCA026UA (60.75x72)	PSCA026UA (69.25x68)	PSCA026UA (79x54)	PSCA026UA (90.5x48)
PSCA027UA (51.5x89.5)	PSCA027UA (51.5x89.5)	PSCA027UA (55x84)	PSCA027UA (60.75x76)	PSCA027UA (63.5x72)	PSCA027UA (66.5x89.5)	PSCA027UA (72.5x62.5)	PSCA027UA (82.5x54)
PSCA027UA (84.5x54)	PSCA027UA (93.5x48)	PSCA028UA (46.25x102)	PSCA028UA (63.5x76)	PSCA028UA (66.5x72)	PSCA028UA (69.25x72)	PSCA028UA (75.5x62.5)	PSCA028UA (87.5x54)
PSCA029UA (48.5x102)	PSCA029UA (51.5x96)	PSCA029UA (55x89.5)	PSCA029UA (57.5x84)	PSCA029UA (69.25x76)	PSCA029UA (72.5x68)	PSCA029UA (79x62.5)	PSCA030UA (46.25x108.5)
PSCA030UA (57.5x89.5)	PSCA030UA (60.75x84)	PSCA030UA (66.5x76)	PSCA030UA (75.5x68)	PSCA030UA (93.5x54)	PSCA031UA (46.25x114)	PSCA031UA (48.5x108.5)	PSCA031UA (51.5x102)
PSCA031UA (55x96)	PSCA031UA (55x102)	PSCA031UA (63.5x84)	PSCA031UA (72.5x72)	PSCA031UA (82.5x62.5)	PSCA032UA (60.75x89.5)	PSCA032UA (75.5x72)	PSCA032UA (79x68)
PSCA032UA (84.5x62.5)	PSCA032UA (97.5x54)	PSCA032UA (99.5x54)	PSCA033UA (46.25x121.5)	PSCA033UA (48.5x114)	PSCA033UA (57.5x89.5)	PSCA033UA (57.5x84)	PSCA033UA (66.5x84)
PSCA033UA (72.5x76)	PSCA033UA (87.5x62.5)	PSCA033UA (102.5x54)	PSCA034UA (60.75x96)	PSCA034UA (63.5x89.5)	PSCA034UA (69.25x84)	PSCA034UA (75.5x76)	PSCA034UA (79x72)
PSCA034UA (82.5x68)	PSCA034UA (84.5x68)	PSCA034UA (90.5x62.5)	PSCA034UA (105.5x54)	PSCA035UA (48.5x121.5)	PSCA035UA (51.5x114)	PSCA035UA (55x108.5)	PSCA035UA (57.5x102)
PSCA035UA (66.5x89.5)	PSCA035UA (66.5x96)	PSCA035UA (79x76)	PSCA035UA (82.5x72)	PSCA035UA (93.5x62.5)	PSCA035UA (109.75x54)	PSCA036UA (63.5x96)	PSCA036UA (72.5x84)
PSCA036UA (84.5x72)	PSCA036UA (87.5x68)	PSCA036UA (97.5x62.5)	PSCA037UA (51.5x121.5)	PSCA037UA (55x114)	PSCA037UA (57.5x108.5)	PSCA037UA (60.75x102)	PSCA037UA (69.25x89.5)
PSCA037UA (75.5x84)	PSCA037UA (82.5x76)	PSCA037UA (87.5x72)	PSCA037UA (90.5x68)	PSCA037UA (99.5x62.5)	PSCA038UA (63.5x102)	PSCA038UA (66.5x102)	PSCA038UA (72.5x89.5)
PSCA038UA (84.5x76)	PSCA038UA (90.5x72)	PSCA038UA (93.5x68)	PSCA038UA (102.5x62.5)	PSCA039UA (55x121.5)	PSCA039UA (57.5x114)	PSCA039UA (60.75x108.5)	PSCA039UA (69.25x96)
PSCA039UA (79x84)	PSCA039UA (87.5x76)	PSCA039UA (90.5x54)	PSCA039UA (105.5x62.5)	PSCA040UA (66.5x108.5)	PSCA040UA (75.5x89.5)	PSCA040UA (93.5x72)	PSCA040UA (97.5x68)
PSCA040UA (99.5x68)	PSCA041UA (55x126)	PSCA041UA (57.5x121.5)	PSCA041UA (60.75x114)	PSCA041UA (63.5x108.5)	PSCA041UA (72.5x96)	PSCA041UA (82.5x84)	PSCA041UA (90.5x76)
PSCA041UA (109.75x62.5)	PSCA041UA (109.75x68)	PSCA042UA (69.25x102)	PSCA042UA (79x89.5)	PSCA042UA (84.5x84)	PSCA042UA (84.5x89.5)	PSCA042UA (93.5x76)	PSCA042UA (97.5x72)
PSCA042UA (102.5x68)	PSCA043UA (55x132)	PSCA043UA (57.5x126)	PSCA043UA (63.5x114)	PSCA043UA (66.5x114)	PSCA043UA (75.5x96)	PSCA043UA (87.5x84)	PSCA043UA (99.5x72)
PSCA043UA (105.5x68)	PSCA044UA (60.75x121.5)	PSCA044UA (69.25x108.5)	PSCA044UA (72.5x102)	PSCA044UA (82.5x89.5)	PSCA044UA (97.5x76)	PSCA044UA (102.5x72)	PSCA045UA (57.5x132)
PSCA045UA (60.75x126)	PSCA045UA (75.5x102)	PSCA045UA (79x96)	PSCA045UA (90.5x84)	PSCA045UA (99.5x76)	PSCA045UA (105.5x72)	PSCA046UA (57.5x136.5)	PSCA046UA (63.5x121.5)
PSCA046UA (72.5x108.5)	PSCA046UA (87.5x89.5)	PSCA046UA (93.5x84)	PSCA046UA (102.5x76)	PSCA047UA (60.75x132)	PSCA047UA (63.5x126)	PSCA047UA (69.25x114)	PSCA047UA (82.5x96)
PSCA047UA (109.75x72)	PSCA048UA (66.5x121.5)	PSCA048UA (75.5x108.5)	PSCA048UA (79x102)	PSCA048UA (84.5x96)	PSCA048UA (90.5x89.5)	PSCA048UA (97.5x84)	PSCA048UA (105.5x76)
PSCA049UA (57.5x144)	PSCA049UA (60.75x136.5)	PSCA049UA (63.5x132)	PSCA049UA (66.5x126)	PSCA049UA (72.5x114)	PSCA049UA (93.5x89.5)	PSCA049UA (99.5x84)	PSCA050UA (69.25x121.5)
PSCA050UA (82.5x102)	PSCA050UA (87.5x96)	PSCA050UA (109.75x76)	PSCA051UA (63.5x136.5)	PSCA051UA (75.5x114)	PSCA051UA (79x108.5)	PSCA051UA (84.5x102)	PSCA051UA (90.5x96)
PSCA051UA (102.5x84)	PSCA052UA (60.75x144)	PSCA052UA (66.5x132)	PSCA052UA (69.25x126)	PSCA052UA (72.5x121.5)	PSCA053UA (79x114)	PSCA053UA (82.5x108.5)	PSCA053UA (87.5x102)
PSCA053UA (93.5x96)	PSCA053UA (99.5x89.5)	PSCA053UA (105.5x84)	PSCA054UA (63.5x144)	PSCA054UA (66.5x136.5)	PSCA054UA (69.25x132)	PSCA054UA (72.5x126)	PSCA054UA (75.5x121.5)
PSCA054UA (84.5x108.5)	PSCA054UA (90.5x102)	PSCA054UA (102.5x89.5)	PSCA055UA (97.5x96)	PSCA055UA (109.75x84)	PSCA056UA (63.5x150.5)	PSCA056UA (69.25x136.5)	PSCA056UA (72.5x132)
PSCA056UA (75.5x126)	PSCA056UA (82.5x114)	PSCA056UA (87.5x108.5)	PSCA056UA (93.5x102)	PSCA056UA (99.5x96)	PSCA056UA (105.5x89.5)	PSCA057UA (66.5x144)	PSCA057UA (79x121.5)
PSCA057UA (84.5x114)	PSCA058UA (72.5x136.5)	PSCA058UA (90.5x108.5)	PSCA058UA (102.5x96)	PSCA058UA (109.75x89.5)	PSCA059UA (66.5x150.5)	PSCA059UA (69.25x144)	PSCA059UA (75.5x132)
PSCA059UA (79x126)	PSCA059UA (82.5x121.5)	PSCA059UA (87.5x114)	PSCA059UA (97.5x102)	PSCA060UA (93.5x108.5)	PSCA060UA (99.5x102)	PSCA060UA (105.5x96)	PSCA061UA (75.5x136.5)
PSCA061UA (79x144)	PSCA061UA (82.5x126)	PSCA061UA (84.5x121.5)	PSCA061UA (90.5x114)	PSCA062UA (69.25x150.5)	PSCA062UA (72.5x144)	PSCA062UA (79x132)	PSCA062UA (97.5x108.5)
PSCA062UA (102.5x102)	PSCA062UA (109.75x96)	PSCA063UA (84.5x126)	PSCA063UA (87.5x121.5)	PSCA063UA (93.5x114)	PSCA064UA (72.5x150.5)	PSCA064UA (75.5x144)	PSCA064UA (79x136.5)
PSCA064UA (82.5x132)	PSCA064UA (82.5x136.5)	PSCA064UA (99.5x108.5)	PSCA064UA (105.5x102)	PSCA065UA (87.5x126)	PSCA065UA (90.5x121.5)	PSCA065UA (82.5x144)	PSCA066UA (84.5x132)
PSCA066UA (97.5x114)	PSCA066UA (102.5x108.5)	PSCA066UA (109.75x102)	PSCA067UA (75.5x150.5)	PSCA067UA (90.5x126)	PSCA067UA (93.5x121.5)	PSCA067UA (99.5x114)	PSCA068UA (84.5x136.5)
PSCA068UA (87.5x132)	PSCA068UA (105.5x108.5)	PSCA069UA (102.5x114)	PSCA070UA (79x150.5)	PSCA070UA (82.5x150.5)	PSCA070UA (93.5x126)	PSCA070UA (97.5x121.5)	PSCA070UA (109.75x108.5)
PSCA071UA (87.5x136.5)	PSCA071UA (90.5x132)	PSCA071UA (99.5x121.5)	PSCA071UA (105.5x114)	PSCA072UA (84.5x144)	PSCA073UA (82.5x156)	PSCA073UA (90.5x136.5)	PSCA073UA (93.5x132)
PSCA073UA (97.5x126)	PSCA074UA (87.5x144)	PSCA074UA (99.5x126)	PSCA074UA (102.5x121.5)	PSCA074UA (109.75x114)	PSCA075UA (84.5x150.5)	PSCA075UA (93.5x136.5)	PSCA076UA (82.5x162)
PSCA076UA (97.5x132)	PSCA076UA (102.5x126)	PSCA076UA (105.5x121.5)	PSCA077UA (90.5x144)	PSCA078UA (84.5x156)	PSCA078UA (87.5x150.5)	PSCA078UA (99.5x132)	PSCA078UA (105.5x126)
PSCA079UA (93.5x144)	PSCA079UA (97.5x136.5)	PSCA079UA (109.75x121.5)	PSCA080UA (90.5x150.5)	PSCA080UA (99.5x136.5)	PSCA080UA (102.5x132)	PSCA081UA (87.5x156)	PSCA082UA (105.5x132)
PSCA082UA (109.75x126)	PSCA083UA (90.5x156)	PSCA083UA (93.5x150.5)	PSCA083UA (97.5x144)	PSCA085UA (99.5x144)	PSCA085UA (105.5x136.5)	PSCA086UA (93.5x156)	PSCA086UA (109.75x132)
PSCA087UA (90.5x162)	PSCA087UA (97.5x150.5)	PSCA087UA (102.5x144)	PSCA088UA (99.5x150.5)	PSCA088UA (109.75x136.5)	PSCA089UA (93.5x162)	PSCA090UA (90.5x168)	PSCA090UA (97.5x156)
PSCA090UA (105.5x144)	PSCA091UA (102.5x150.5)	PSCA092UA (99.5x156)	PSCA093UA (93.5x168)	PSCA093UA (97.5x162)	PSCA093UA (109.75x144)	PSCA094UA (102.5x156)	PSCA094UA (105.5x150.5)
PSCA095UA (99.5x162)	PSCA097UA (97.5x168)	PSCA097UA (105.5x156)	PSCA098UA (102.5x162)	PSCA098UA (109.75x150.5)	PSCA099UA (99.5x168)	PSCA101UA (105.5x162)	PSCA101UA (109.75x156)
PSCA102UA (102.5x168)	PSCA105UA (105.5x168)	PSCA105UA (109.75x162)	PSCA105UA (109.75x168)	PSCA109UA (109.75x174)			

For products other than the reference product, the environmental impacts can be calculated using the extrapolation rules below. The following tables contain factors to be used in the extrapolation of LCIA results for the air handling units covered in this report. These scaling factors are intended to allow interested parties to determine the environmental impacts of Performance Climate Changer® Semi-Custom Air Handling Units of interest.

Extrapolation coefficients are given for the environmental impact of the functional unit, i.e. the transfer of 1m³ of air per hour. For each stage of the life cycle, the environmental impacts of the product concerned are calculated by multiplying the impacts of the declaration corresponding to the reference product by the extrapolation coefficient. The "Total" column should be calculated by adding the environmental impacts of each stage of the life cycle.

To use these scaling factors, individuals should:

1. Identify the LCIA result of interest and product of interest.
2. Multiply the results in the reference product's environmental impact indicator table, found on page 4-7, by the corresponding cell in the table that pertains to the product of interest, found below.

Product	Extrapolation Factors – Declared Unit							Extrapolation Factors – Functional Unit						
	A1-A3	A4	A5	B2	B6	C1-C4	D	A1-A3	A4	A5	B2	B6	C1-C4	D
CSAA 003	0.60	0.60	0.60	0.60	0.55	0.60	0.60	1.99	1.99	1.99	1.99	1.83	1.99	1.99
CSAA 004	0.67	0.67	0.67	0.67	0.41	0.67	0.67	1.69	1.69	1.69	1.69	1.03	1.69	1.69
CSAA 006	0.75	0.75	0.75	0.75	0.65	0.75	0.75	1.25	1.25	1.25	1.25	1.09	1.25	1.25
CSAA 008	0.85	0.85	0.85	0.85	0.81	0.85	0.85	1.06	1.06	1.06	1.06	1.01	1.06	1.06
CSAA 010	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
CSAA 012	1.09	1.09	1.09	1.09	1.11	1.09	1.09	0.91	0.91	0.91	0.91	0.93	0.91	0.91
CSAA 014	1.14	1.14	1.14	1.14	1.32	1.14	1.14	0.81	0.81	0.81	0.81	0.94	0.81	0.81
CSAA 017	1.29	1.29	1.29	1.29	1.59	1.29	1.29	0.76	0.76	0.76	0.76	0.93	0.76	0.76
CSAA 021	1.65	1.65	1.65	1.65	1.92	1.65	1.65	0.79	0.79	0.79	0.79	0.91	0.79	0.79
CSAA 025	2.04	2.04	2.04	2.04	2.05	2.04	2.04	0.82	0.82	0.82	0.82	0.82	0.82	0.82
CSAA 030	2.20	2.20	2.20	2.20	2.46	2.20	2.20	0.73	0.73	0.73	0.73	0.82	0.73	0.73
CSAA 035	2.50	2.50	2.50	2.50	2.86	2.50	2.50	0.71	0.71	0.71	0.71	0.82	0.71	0.71
CSAA 040	2.72	2.72	2.72	2.72	3.51	2.72	2.72	0.68	0.68	0.68	0.68	0.88	0.68	0.68
CSAA 050	3.72	3.72	3.72	3.72	4.68	3.72	3.72	0.74	0.74	0.74	0.74	0.94	0.74	0.74
CSAA 057	4.01	4.01	4.01	4.01	5.30	4.01	4.01	0.70	0.70	0.70	0.70	0.93	0.70	0.70
CSAA 066	4.68	4.68	4.68	4.68	6.32	4.68	4.68	0.71	0.71	0.71	0.71	0.96	0.71	0.71
CSAA 080	5.19	5.19	5.19	5.19	7.18	5.19	5.19	0.65	0.65	0.65	0.65	0.90	0.65	0.65
CSAA 100	6.29	6.29	6.29	6.29	8.38	6.29	6.29	0.63	0.63	0.63	0.63	0.84	0.63	0.63
CSAA 120	8.29	8.29	8.29	8.29	9.27	8.29	8.29	0.69	0.69	0.69	0.69	0.82	0.69	0.69
PSCA007UA (42.5x27.5)	1.03	1.03	1.03	1.03	0.63	1.03	1.03	2.35	2.35	2.35	2.35	1.42	2.35	2.35
PSCA008UA (46.25x27.5)	1.07	1.07	1.07	1.07	0.74	1.07	1.07	2.23	2.23	2.23	2.23	1.54	2.23	2.23
PSCA008UA (48.5x27.5)	1.19	1.19	1.19	1.19	0.66	1.19	1.19	2.21	2.21	2.21	2.21	1.23	2.21	2.21
PSCA009UA (42.5x35)	1.14	1.14	1.14	1.14	0.58	1.14	1.14	1.90	1.90	1.90	1.90	0.96	1.90	1.90
PSCA009UA (51.5x27.5)	1.24	1.24	1.24	1.24	0.72	1.24	1.24	2.08	2.08	2.08	2.08	1.21	2.08	2.08
PSCA009UA (55x27.5)	1.27	1.27	1.27	1.27	0.86	1.27	1.27	1.92	1.92	1.92	1.92	1.31	1.92	1.92
PSCA010UA (46.25x35)	1.20	1.20	1.20	1.20	0.71	1.20	1.20	1.78	1.78	1.78	1.78	1.05	1.78	1.78
PSCA011UA (42.5x40)	1.24	1.24	1.24	1.24	0.77	1.24	1.24	1.72	1.72	1.72	1.72	1.06	1.72	1.72
PSCA011UA (46.25x40)	1.27	1.27	1.27	1.27	0.98	1.27	1.27	1.58	1.58	1.58	1.58	1.22	1.58	1.58
PSCA011UA (48.5x35)	1.22	1.22	1.22	1.22	0.90	1.22	1.22	1.61	1.61	1.61	1.61	1.19	1.61	1.61
PSCA011UA (51.5x35)	1.32	1.32	1.32	1.32	1.05	1.32	1.32	1.56	1.56	1.56	1.56	1.24	1.56	1.56
PSCA012UA (42.5x48)	1.36	1.36	1.36	1.36	0.72	1.36	1.36	1.54	1.54	1.54	1.54	0.82	1.54	1.54
PSCA012UA (48.5x40)	1.34	1.34	1.34	1.34	1.19	1.34	1.34	1.49	1.49	1.49	1.49	1.32	1.49	1.49
PSCA012UA (55x35)	1.36	1.36	1.36	1.36	1.31	1.36	1.36	1.44	1.44	1.44	1.44	1.40	1.44	1.44
PSCA012UA (57.5x35)	1.40	1.40	1.40	1.40	1.33	1.40	1.40	1.45	1.45	1.45	1.45	1.39	1.45	1.45
PSCA013UA (46.25x48)	1.50	1.50	1.50	1.50	0.96	1.50	1.50	1.48	1.48	1.48	1.48	0.94	1.48	1.48
PSCA013UA (51.5x40)	1.40	1.40	1.40	1.40	1.45	1.40	1.40	1.40	1.40	1.40	1.40	1.45	1.40	1.40
PSCA013UA (55x40)	1.45	1.45	1.45	1.45	1.33	1.45	1.45	1.34	1.34	1.34	1.34	1.23	1.34	1.34
PSCA013UA (60.75x35)	1.52	1.52	1.52	1.52	1.69	1.52	1.52	1.46	1.46	1.46	1.46	1.62	1.46	1.46
PSCA014UA (42.5x54)	1.54	1.54	1.54	1.54	1.02	1.54	1.54	1.37	1.37	1.37	1.37	0.91	1.37	1.37
PSCA014UA (48.5x48)	1.51	1.51	1.51	1.51	1.27	1.51	1.51	1.32	1.32	1.32	1.32	1.12	1.32	1.32
PSCA014UA (57.5x40)	1.49	1.49	1.49	1.49	1.41	1.49	1.49	1.33	1.33	1.33	1.33	1.26	1.33	1.33
PSCA014UA (63.5x35)	1.60	1.60	1.60	1.60	1.65	1.60	1.60	1.54	1.54	1.54	1.54	1.59	1.54	1.54
PSCA014UA (66.5x35)	1.64	1.64	1.64	1.64	1.29	1.64	1.64	1.49	1.49	1.49	1.49	1.17	1.49	1.49
PSCA015UA (46.25x54)	1.58	1.58	1.58	1.58	1.06	1.58	1.58	1.35	1.35	1.35	1.35	0.90	1.35	1.35
PSCA015UA (48.5x54)	1.64	1.64	1.64	1.64	1.24	1.64	1.64	1.25	1.25	1.25	1.25	0.94	1.25	1.25
PSCA015UA (51.5x48)	1.54	1.54	1.54	1.54	1.21	1.54	1.54	1.25	1.25	1.25	1.25	0.98	1.25	1.25
PSCA015UA (60.75x40)	1.51	1.51	1.51	1.51	1.34	1.51	1.51	1.22	1.22	1.22	1.22	1.08	1.22	1.22
PSCA015UA (63.5x40)	1.60	1.60	1.60	1.60	1.35	1.60	1.60	1.27	1.27	1.27	1.27	1.07	1.27	1.27
PSCA015UA (69.25x35)	1.67	1.67	1.67	1.67	1.42	1.67	1.67	1.44	1.44	1.44	1.44	1.23	1.44	1.44
PSCA015UA (72.5x35)	1.72	1.72	1.72	1.72	1.52	1.72	1.72	1.41	1.41	1.41	1.41	1.24	1.41	1.41
PSCA016UA (42.5x62.5)	1.64	1.64	1.64	1.64	1.14	1.64	1.64	1.22	1.22	1.22	1.22	0.85	1.22	1.22
PSCA016UA (51.5x54)	1.72	1.72	1.72	1.72	1.35	1.72	1.72	1.18	1.18	1.18	1.18	0.93	1.18	1.18
PSCA016UA (55x48)	1.73	1.73	1.73	1.73	1.27	1.73	1.73	1.25	1.25	1.25	1.25	0.92	1.25	1.25
PSCA016UA (57.5x48)	1.78	1.78	1.78	1.78	1.28	1.78	1.78	1.23	1.23	1.23	1.23	0.89	1.23	1.23
PSCA016UA (66.5x40)	1.72	1.72	1.72	1.72	1.42	1.72	1.72	1.32	1.32	1.32	1.32	1.10	1.32	1.32
PSCA017UA (42.5x68)	1.72	1.72	1.72	1.72	1.27	1.72	1.72	1.16	1.16	1.16	1.16	0.86	1.16	1.16
PSCA017UA (46.25x62.5)	1.68	1.68	1.68	1.68	1.19	1.68	1.68	1.20	1.20	1.20	1.20	0.85	1.20	1.20
PSCA017UA (60.75x48)	1.83	1.83	1.83	1.83	1.37	1.83	1.83	1.17	1.17	1.17	1.17	0.88	1.17	1.17
PSCA017UA (69.25x40)	1.75	1.75	1.75	1.75	1.67	1.75	1.75	1.25	1.25	1.25	1.25	1.19	1.25	1.25
PSCA017UA (69.25x48)	1.75	1.75	1.75	1.75	1.67	1.75	1.75	1.25	1.25	1.25	1.25	1.19	1.25	1.25
PSCA018UA (42.5x72)	1.78	1.78	1.78	1.78	1.37	1.78	1.78	1.13	1.13	1.13	1.13	0.87	1.13	1.13
PSCA018UA (48.5x62.5)	1.78	1.78	1.78	1.78	1.44	1.78	1.78	1.14	1.14	1.14	1.14	0.92	1.14	1.14
PSCA018UA (55x54)	1.78	1.78	1.78	1.78	1.45	1.78	1.78	1.14	1.14	1.14	1.14	0.93	1.14	1.14
PSCA018UA (57.5x54)	1.83	1.83	1.83	1.83	1.49	1.83	1.83	1.12	1.12	1.12	1.12	0.91	1.12	1.12
PSCA018UA (63.5x48)	1.92	1.92	1.92	1.92	1.30	1.92	1.92	1.23	1.23	1.23	1.23	0.83	1.23	1.23
PSCA018UA (72.5x40)	1.80	1.80	1.80	1.80	1.71	1.80	1.80	1.25	1.25	1.25	1.25	1.19	1.25	1.25
PSCA018UA (75.5x40)	1.79	1.79	1.79	1.79	1.93	1.79	1.79	1.19	1.19	1.19	1.19	1.29	1.19	1.19
PSCA019UA (42.5x76)	1.88	1.88	1.88	1.88	1.41	1.88	1.88	1.12	1.12	1.12	1.12	0.84	1.12	1.12
PSCA019UA (46.25x68)	1.77	1.77	1.77	1.77	1.32	1.77	1.77	1.15	1.15	1.15	1.15	0.86	1.15	1.15
PSCA019UA (48.5x68)	1.91	1.91	1.91	1.91	1.56	1.91	1.91	1.11	1.11	1.11	1.11	0.90	1.11	1.11
PSCA019UA (51.5x62.5)	1.83	1.83	1.83	1.83	1.46	1.83	1.83	1.08	1.08	1.08	1.08	0.86	1.08	1.08
PSCA019UA (60.75x54)	1.95	1.95	1.95	1.95	1.63	1.95	1.95	1.09	1.09	1.09	1.09	0.92	1.09	1.09
PSCA019UA (66.5x48)	1.96	1.96	1.96	1.96	1.37	1.96	1.96	1.21	1.21	1.21	1.21	0.84	1.21	1.21
PSCA019UA (79x40)	1.89	1.89	1.89	1.89	1.71	1.89	1.89	1.18	1.18	1.18	1.18	1.07	1.18	1.18
PSCA020UA (46.25x72)	1.87	1.87	1.87	1.87	1.38	1.87	1.87	1.14	1.14	1.14	1.14	0.84	1.14	1.14
PSCA020UA (55x62.5)	1.91	1.91	1.91	1.91	1.67	1.91	1.91	1.04	1.04	1.04	1.04	0.91	1.04	1.04
PSCA020UA (63.5x54)	1.98	1.98	1.98	1.98	1.45	1.98	1.98	1.13	1.13	1.13	1.13	0.82	1.13	1.13

PSCA020UA (69.25x54)	2.00	2.00	2.00	2.00	1.45	2.00	2.00	1.18	1.18	1.18	1.18	0.85	1.18	1.18
PSCA020UA (82.5x40)	1.94	1.94	1.94	1.94	1.91	1.94	1.94	1.14	1.14	1.14	1.14	1.13	1.14	1.14
PSCA021UA (42.5x84)	2.01	2.01	2.01	2.01	1.66	2.01	2.01	1.07	1.07	1.07	1.07	0.89	1.07	1.07
PSCA021UA (46.25x76)	1.93	1.93	1.93	1.93	1.47	1.93	1.93	1.11	1.11	1.11	1.11	0.84	1.11	1.11
PSCA021UA (48.5x72)	1.94	1.94	1.94	1.94	1.69	1.94	1.94	1.06	1.06	1.06	1.06	0.92	1.06	1.06
PSCA021UA (51.5x68)	1.89	1.89	1.89	1.89	1.59	1.89	1.89	1.03	1.03	1.03	1.03	0.87	1.03	1.03
PSCA021UA (57.5x62.5)	1.93	1.93	1.93	1.93	1.62	1.93	1.93	1.03	1.03	1.03	1.03	0.86	1.03	1.03
PSCA021UA (66.5x54)	2.10	2.10	2.10	2.10	1.62	2.10	2.10	1.14	1.14	1.14	1.14	0.88	1.14	1.14
PSCA021UA (72.5x48)	2.01	2.01	2.01	2.01	1.53	2.01	2.01	1.10	1.10	1.10	1.10	0.84	1.10	1.10
PSCA022UA (42.5x89.5)	2.08	2.08	2.08	2.08	1.84	2.08	2.08	1.04	1.04	1.04	1.04	0.92	1.04	1.04
PSCA022UA (48.5x76)	1.99	1.99	1.99	1.99	1.78	1.99	1.99	1.02	1.02	1.02	1.02	0.91	1.02	1.02
PSCA022UA (51.5x72)	1.99	1.99	1.99	1.99	1.70	1.99	1.99	1.03	1.03	1.03	1.03	0.87	1.03	1.03
PSCA022UA (55x68)	2.03	2.03	2.03	2.03	1.85	2.03	2.03	1.02	1.02	1.02	1.02	0.93	1.02	1.02
PSCA022UA (60.75x62.5)	2.10	2.10	2.10	2.10	1.98	2.10	2.10	1.00	1.00	1.00	1.00	0.94	1.00	1.00
PSCA022UA (69.25x62.5)	2.16	2.16	2.16	2.16	1.79	2.16	2.16	1.10	1.10	1.10	1.10	0.91	1.10	1.10
PSCA022UA (75.5x48)	2.05	2.05	2.05	2.05	1.53	2.05	2.05	1.11	1.11	1.11	1.11	0.83	1.11	1.11
PSCA023UA (46.25x84)	2.06	2.06	2.06	2.06	1.69	2.06	2.06	1.06	1.06	1.06	1.06	0.87	1.06	1.06
PSCA023UA (51.5x76)	2.21	2.21	2.21	2.21	1.71	2.21	2.21	1.04	1.04	1.04	1.04	0.81	1.04	1.04
PSCA023UA (55x72)	2.26	2.26	2.26	2.26	1.89	2.26	2.26	1.03	1.03	1.03	1.03	0.86	1.03	1.03
PSCA023UA (57.5x68)	2.14	2.14	2.14	2.14	1.70	2.14	2.14	1.01	1.01	1.01	1.01	0.80	1.01	1.01
PSCA023UA (63.5x62.5)	2.07	2.07	2.07	2.07	1.83	2.07	2.07	1.01	1.01	1.01	1.01	0.89	1.01	1.01
PSCA023UA (72.5x54)	2.25	2.25	2.25	2.25	1.95	2.25	2.25	1.06	1.06	1.06	1.06	0.92	1.06	1.06
PSCA023UA (79x48)	2.09	2.09	2.09	2.09	1.64	2.09	2.09	1.08	1.08	1.08	1.08	0.85	1.08	1.08
PSCA024UA (42.5x96)	2.35	2.35	2.35	2.35	1.80	2.35	2.35	1.08	1.08	1.08	1.08	0.83	1.08	1.08
PSCA024UA (46.25x89.5)	2.29	2.29	2.29	2.29	1.67	2.29	2.29	1.09	1.09	1.09	1.09	0.79	1.09	1.09
PSCA024UA (48.5x84)	2.23	2.23	2.23	2.23	1.83	2.23	2.23	1.02	1.02	1.02	1.02	0.84	1.02	1.02
PSCA024UA (57.5x72)	2.24	2.24	2.24	2.24	1.88	2.24	2.24	0.98	0.98	0.98	0.98	0.82	0.98	0.98
PSCA024UA (60.75x68)	2.42	2.42	2.42	2.42	2.00	2.42	2.42	1.05	1.05	1.05	1.05	0.87	1.05	1.05
PSCA024UA (75.5x54)	2.30	2.30	2.30	2.30	1.94	2.30	2.30	1.07	1.07	1.07	1.07	0.91	1.07	1.07
PSCA024UA (82.5x48)	2.13	2.13	2.13	2.13	2.69	2.13	2.13	1.02	1.02	1.02	1.02	1.28	1.02	1.02
PSCA024UA (84.5x48)	2.18	2.18	2.18	2.18	2.75	2.18	2.18	1.03	1.03	1.03	1.03	1.30	1.03	1.03
PSCA025UA (55x76)	2.29	2.29	2.29	2.29	2.08	2.29	2.29	0.96	0.96	0.96	0.96	0.87	0.96	0.96
PSCA025UA (63.5x68)	2.32	2.32	2.32	2.32	1.79	2.32	2.32	1.04	1.04	1.04	1.04	0.80	1.04	1.04
PSCA025UA (66.5x62.5)	2.25	2.25	2.25	2.25	1.75	2.25	2.25	1.04	1.04	1.04	1.04	0.81	1.04	1.04
PSCA025UA (87.5x48)	2.21	2.21	2.21	2.21	2.34	2.21	2.21	1.00	1.00	1.00	1.00	1.06	1.00	1.00
PSCA026UA (46.25x96)	2.45	2.45	2.45	2.45	1.88	2.45	2.45	1.08	1.08	1.08	1.08	0.83	1.08	1.08
PSCA026UA (48.5x89.5)	2.43	2.43	2.43	2.43	2.05	2.43	2.43	1.03	1.03	1.03	1.03	0.87	1.03	1.03
PSCA026UA (51.5x84)	2.42	2.42	2.42	2.42	2.01	2.42	2.42	1.02	1.02	1.02	1.02	0.84	1.02	1.02
PSCA026UA (57.5x76)	2.40	2.40	2.40	2.40	1.97	2.40	2.40	1.00	1.00	1.00	1.00	0.82	1.00	1.00
PSCA026UA (60.75x72)	2.32	2.32	2.32	2.32	2.13	2.32	2.32	0.94	0.94	0.94	0.94	0.87	0.94	0.94
PSCA026UA (69.25x68)	2.47	2.47	2.47	2.47	1.95	2.47	2.47	1.09	1.09	1.09	1.09	0.86	1.09	1.09
PSCA026UA (79x54)	2.35	2.35	2.35	2.35	2.01	2.35	2.35	1.05	1.05	1.05	1.05	0.90	1.05	1.05
PSCA026UA (90.5x48)	2.27	2.27	2.27	2.27	2.95	2.27	2.27	0.99	0.99	0.99	0.99	1.28	0.99	0.99
PSCA027UA (48.5x96)	2.63	2.63	2.63	2.63	2.19	2.63	2.63	1.03	1.03	1.03	1.03	0.86	1.03	1.03
PSCA027UA (51.5x89.5)	2.61	2.61	2.61	2.61	2.25	2.61	2.61	1.00	1.00	1.00	1.00	0.86	1.00	1.00
PSCA027UA (55x84)	2.57	2.57	2.57	2.57	2.20	2.57	2.57	0.99	0.99	0.99	0.99	0.85	0.99	0.99
PSCA027UA (60.75x76)	2.48	2.48	2.48	2.48	2.20	2.48	2.48	0.95	0.95	0.95	0.95	0.85	0.95	0.95
PSCA027UA (63.5x72)	2.47	2.47	2.47	2.47	1.95	2.47	2.47	1.03	1.03	1.03	1.03	0.81	1.03	1.03
PSCA027UA (66.5x68)	2.46	2.46	2.46	2.46	2.00	2.46	2.46	1.02	1.02	1.02	1.02	0.83	1.02	1.02
PSCA027UA (72.5x62.5)	2.47	2.47	2.47	2.47	1.99	2.47	2.47	1.03	1.03	1.03	1.03	0.83	1.03	1.03
PSCA027UA (82.5x54)	2.42	2.42	2.42	2.42	2.19	2.42	2.42	1.02	1.02	1.02	1.02	0.92	1.02	1.02
PSCA027UA (84.5x54)	2.56	2.56	2.56	2.56	2.26	2.56	2.56	1.05	1.05	1.05	1.05	0.92	1.05	1.05
PSCA027UA (93.5x48)	2.30	2.30	2.30	2.30	2.69	2.30	2.30	0.95	0.95	0.95	0.95	1.11	0.95	0.95
PSCA028UA (46.25x102)	2.62	2.62	2.62	2.62	2.05	2.62	2.62	1.08	1.08	1.08	1.08	0.85	1.08	1.08
PSCA028UA (63.5x76)	2.69	2.69	2.69	2.69	2.09	2.69	2.69	1.04	1.04	1.04	1.04	0.81	1.04	1.04
PSCA028UA (66.5x72)	2.68	2.68	2.68	2.68	2.24	2.68	2.68	1.02	1.02	1.02	1.02	0.85	1.02	1.02
PSCA028UA (69.25x72)	2.73	2.73	2.73	2.73	2.17	2.73	2.73	1.08	1.08	1.08	1.08	0.86	1.08	1.08
PSCA028UA (75.5x62.5)	2.38	2.38	2.38	2.38	2.11	2.38	2.38	0.94	0.94	0.94	0.94	0.84	0.94	0.94
PSCA028UA (87.5x54)	2.61	2.61	2.61	2.61	1.76	2.61	2.61	1.04	1.04	1.04	1.04	0.70	1.04	1.04
PSCA029UA (48.5x102)	2.79	2.79	2.79	2.79	2.42	2.79	2.79	1.03	1.03	1.03	1.03	0.89	1.03	1.03
PSCA029UA (51.5x96)	2.72	2.72	2.72	2.72	2.44	2.72	2.72	0.97	0.97	0.97	0.97	0.87	0.97	0.97
PSCA029UA (55x89.5)	2.67	2.67	2.67	2.67	2.43	2.67	2.67	0.96	0.96	0.96	0.96	0.88	0.96	0.96
PSCA029UA (57.5x84)	2.62	2.62	2.62	2.62	2.16	2.62	2.62	0.99	0.99	0.99	0.99	0.82	0.99	0.99
PSCA029UA (69.25x76)	2.63	2.63	2.63	2.63	2.29	2.63	2.63	0.98	0.98	0.98	0.98	0.85	0.98	0.98
PSCA029UA (72.5x68)	2.60	2.60	2.60	2.60	2.20	2.60	2.60	0.99	0.99	0.99	0.99	0.83	0.99	0.99
PSCA029UA (79x62.5)	2.42	2.42	2.42	2.42	2.20	2.42	2.42	0.92	0.92	0.92	0.92	0.83	0.92	0.92
PSCA030UA (46.25x108.5)	2.84	2.84	2.84	2.84	2.20	2.84	2.84	1.10	1.10	1.10	1.10	0.85	1.10	1.10
PSCA030UA (57.5x89.5)	2.65	2.65	2.65	2.65	2.38	2.65	2.65	0.93	0.93	0.93	0.93	0.84	0.93	0.93
PSCA030UA (60.75x84)	2.69	2.69	2.69	2.69	2.71	2.69	2.69	0.93	0.93	0.93	0.93	0.94	0.93	0.93
PSCA030UA (66.5x76)	2.56	2.56	2.56	2.56	2.81	2.56	2.56	0.93	0.93	0.93	0.93	1.02	0.93	0.93
PSCA030UA (75.5x68)	2.56	2.56	2.56	2.56	2.31	2.56	2.56	0.93	0.93	0.93	0.93	0.84	0.93	0.93
PSCA030UA (93.5x54)	2.61	2.61	2.61	2.61	2.49	2.61	2.61	0.97	0.97	0.97	0.97	0.92	0.97	0.97
PSCA031UA (46.25x114)	2.87	2.87	2.87	2.87	2.39	2.87	2.87	1.05	1.05	1.05	1.05	0.88	1.05	1.05
PSCA031UA (48.5x108.5)	2.83	2.83	2.83	2.83	2.61	2.83	2.83	0.98	0.98	0.98	0.98	0.90	0.98	0.98
PSCA031UA (51.5x102)	2.75	2.75	2.75	2.75	2.56	2.75	2.75	0.92	0.92	0.92	0.92	0.86	0.92	0.92
PSCA031UA (55x96)	2.65	2.65	2.65	2.65	2.62	2.65	2.65	0.89	0.89	0.89	0.89	0.88	0.89	0.89
PSCA031UA (55x102)	2.65	2.65	2.65	2.65	2.62	2.65	2.65	0.89	0.89	0.89	0.89	0.88	0.89	0.89
PSCA031UA (63.5x84)	2.60	2.60	2.60	2.60	4.09	2.60	2.60	0.89	0.89	0.89	0.89	1.40	0.89	0.89
PSCA031UA (72.5x72)	2.60	2.60	2.60	2.60	2.43	2.60	2.60	0.90	0.90	0.90	0.90	0.84	0.90	0.90
PSCA031UA (82.5x62.5)	2.50	2.50	2.50	2.50	2.46	2.50	2.50	0.90	0.90	0.90	0.90	0.89	0.90	0.90
PSCA032UA (60.75x89.5)	2.65	2.65	2.65	2.65	2.72	2.65	2.65	0.86	0.86	0.86	0.86	0.88	0.86	0.86
PSCA032UA (75.5x72)	2.55	2.55	2.55	2.55	2.53	2.55	2.55	0.86	0.86	0.86	0.86	0.85	0.86	0.86
PSC														

PSCA033UA (48.5x114)	2.99	2.99	2.99	2.99	2.93	2.99	2.99	0.98	0.98	0.98	0.98	0.96	0.98	0.98
PSCA033UA (51.5x108.5)	2.94	2.94	2.94	2.94	2.78	2.94	2.94	0.94	0.94	0.94	0.94	0.88	0.94	0.94
PSCA033UA (57.5x96)	2.78	2.78	2.78	2.78	2.57	2.78	2.78	0.91	0.91	0.91	0.91	0.84	0.91	0.91
PSCA033UA (66.5x84)	2.60	2.60	2.60	2.60	3.71	2.60	2.60	0.86	0.86	0.86	0.86	1.22	0.86	0.86
PSCA033UA (72.5x76)	2.69	2.69	2.69	2.69	2.59	2.69	2.69	0.88	0.88	0.88	0.88	0.85	0.88	0.88
PSCA033UA (87.5x62.5)	2.73	2.73	2.73	2.73	1.95	2.73	2.73	0.91	0.91	0.91	0.91	0.65	0.91	0.91
PSCA033UA (102.5x54)	2.75	2.75	2.75	2.75	2.96	2.75	2.75	0.92	0.92	0.92	0.92	0.99	0.92	0.92
PSCA034UA (60.75x96)	2.91	2.91	2.91	2.91	2.83	2.91	2.91	0.88	0.88	0.88	0.88	0.85	0.88	0.88
PSCA034UA (63.5x89.5)	2.78	2.78	2.78	2.78	2.74	2.78	2.78	0.87	0.87	0.87	0.87	0.86	0.87	0.87
PSCA034UA (69.25x84)	2.71	2.71	2.71	2.71	3.72	2.71	2.71	0.85	0.85	0.85	0.85	1.17	0.85	0.85
PSCA034UA (75.5x76)	2.75	2.75	2.75	2.75	2.74	2.75	2.75	0.86	0.86	0.86	0.86	0.86	0.86	0.86
PSCA034UA (79x72)	2.66	2.66	2.66	2.66	2.71	2.66	2.66	0.84	0.84	0.84	0.84	0.86	0.84	0.84
PSCA034UA (82.5x68)	2.60	2.60	2.60	2.60	2.63	2.60	2.60	0.85	0.85	0.85	0.85	0.86	0.85	0.85
PSCA034UA (84.5x68)	2.76	2.76	2.76	2.76	2.79	2.76	2.76	0.87	0.87	0.87	0.87	0.88	0.87	0.87
PSCA034UA (90.5x62.5)	2.75	2.75	2.75	2.75	2.75	2.75	2.75	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PSCA034UA (105.5x54)	2.82	2.82	2.82	2.82	2.82	2.82	2.82	0.91	0.91	0.91	0.91	0.94	0.91	0.91
PSCA035UA (48.5x121.5)	3.12	3.12	3.12	3.12	3.10	3.12	3.12	0.95	0.95	0.95	0.95	0.95	0.95	0.95
PSCA035UA (51.5x114)	3.05	3.05	3.05	3.05	2.79	3.05	3.05	0.93	0.93	0.93	0.93	0.85	0.93	0.93
PSCA035UA (55x108.5)	3.08	3.08	3.08	3.08	2.95	3.08	3.08	0.91	0.91	0.91	0.91	0.87	0.91	0.91
PSCA035UA (57.5x102)	2.95	2.95	2.95	2.95	2.68	2.95	2.95	0.91	0.91	0.91	0.91	0.82	0.91	0.91
PSCA035UA (66.5x89.5)	2.99	2.99	2.99	2.99	2.80	2.99	2.99	0.92	0.92	0.92	0.92	0.86	0.92	0.92
PSCA035UA (66.5x96)	2.99	2.99	2.99	2.99	2.80	2.99	2.99	0.92	0.92	0.92	0.92	0.86	0.92	0.92
PSCA035UA (79x76)	2.87	2.87	2.87	2.87	2.68	2.87	2.87	0.87	0.87	0.87	0.87	0.82	0.87	0.87
PSCA035UA (82.5x72)	2.80	2.80	2.80	2.80	2.86	2.80	2.80	0.83	0.83	0.83	0.83	0.85	0.83	0.83
PSCA035UA (93.5x62.5)	2.68	2.68	2.68	2.68	2.86	2.68	2.68	0.84	0.84	0.84	0.84	0.89	0.84	0.84
PSCA035UA (109.75x54)	2.89	2.89	2.89	2.89	3.16	2.89	2.89	0.88	0.88	0.88	0.88	0.96	0.88	0.88
PSCA036UA (63.5x96)	2.97	2.97	2.97	2.97	2.81	2.97	2.97	0.88	0.88	0.88	0.88	0.83	0.88	0.88
PSCA036UA (72.5x84)	2.86	2.86	2.86	2.86	4.22	2.86	2.86	0.84	0.84	0.84	0.84	1.24	0.84	0.84
PSCA036UA (84.5x72)	2.96	2.96	2.96	2.96	2.90	2.96	2.96	0.87	0.87	0.87	0.87	0.85	0.87	0.87
PSCA036UA (87.5x68)	3.01	3.01	3.01	3.01	2.11	3.01	3.01	0.92	0.92	0.92	0.92	0.65	0.92	0.92
PSCA036UA (97.5x62.5)	2.83	2.83	2.83	2.83	2.88	2.83	2.83	0.86	0.86	0.86	0.86	0.87	0.86	0.86
PSCA037UA (51.5x121.5)	3.17	3.17	3.17	3.17	3.00	3.17	3.17	0.91	0.91	0.91	0.91	0.86	0.91	0.91
PSCA037UA (55x114)	3.21	3.21	3.21	3.21	3.27	3.21	3.21	0.90	0.90	0.90	0.90	0.92	0.90	0.90
PSCA037UA (57.5x108.5)	3.16	3.16	3.16	3.16	3.00	3.16	3.16	0.90	0.90	0.90	0.90	0.86	0.90	0.90
PSCA037UA (60.75x102)	3.12	3.12	3.12	3.12	3.11	3.12	3.12	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PSCA037UA (69.25x89.5)	3.05	3.05	3.05	3.05	2.99	3.05	3.05	0.89	0.89	0.89	0.89	0.87	0.89	0.89
PSCA037UA (75.5x84)	2.93	2.93	2.93	2.93	4.48	2.93	2.93	0.83	0.83	0.83	0.83	1.27	0.83	0.83
PSCA037UA (82.5x76)	2.90	2.90	2.90	2.90	3.17	2.90	2.90	0.79	0.79	0.79	0.79	0.87	0.79	0.79
PSCA037UA (87.5x72)	3.14	3.14	3.14	3.14	2.28	3.14	3.14	0.90	0.90	0.90	0.90	0.65	0.90	0.90
PSCA037UA (90.5x68)	2.93	2.93	2.93	2.93	2.92	2.93	2.93	0.86	0.86	0.86	0.86	0.85	0.86	0.86
PSCA037UA (99.5x62.5)	2.84	2.84	2.84	2.84	3.04	2.84	2.84	0.84	0.84	0.84	0.84	0.89	0.84	0.84
PSCA038UA (63.5x102)	3.08	3.08	3.08	3.08	2.96	3.08	3.08	0.87	0.87	0.87	0.87	0.83	0.87	0.87
PSCA038UA (66.5x102)	3.04	3.04	3.04	3.04	2.96	3.04	3.04	0.87	0.87	0.87	0.87	0.85	0.87	0.87
PSCA038UA (72.5x89.5)	3.13	3.13	3.13	3.13	3.07	3.13	3.13	0.87	0.87	0.87	0.87	0.86	0.87	0.87
PSCA038UA (84.5x76)	3.05	3.05	3.05	3.05	3.13	3.05	3.05	0.84	0.84	0.84	0.84	0.86	0.84	0.84
PSCA038UA (90.5x72)	3.05	3.05	3.05	3.05	3.16	3.05	3.05	0.84	0.84	0.84	0.84	0.87	0.84	0.84
PSCA038UA (93.5x68)	2.86	2.86	2.86	2.86	3.16	2.86	2.86	0.80	0.80	0.80	0.80	0.88	0.80	0.80
PSCA038UA (102.5x62.5)	2.89	2.89	2.89	2.89	2.82	2.89	2.89	0.88	0.88	0.88	0.88	0.86	0.88	0.88
PSCA039UA (55x121.5)	3.35	3.35	3.35	3.35	3.51	3.35	3.35	0.88	0.88	0.88	0.88	0.92	0.88	0.88
PSCA039UA (57.5x114)	3.19	3.19	3.19	3.19	3.19	3.19	3.19	0.86	0.86	0.86	0.86	0.86	0.86	0.86
PSCA039UA (60.75x108.5)	3.24	3.24	3.24	3.24	3.24	3.24	3.24	0.85	0.85	0.85	0.85	0.90	0.85	0.85
PSCA039UA (69.25x96)	3.10	3.10	3.10	3.10	3.19	3.10	3.10	0.84	0.84	0.84	0.84	0.87	0.84	0.84
PSCA039UA (79x84)	2.98	2.98	2.98	2.98	3.14	2.98	2.98	0.81	0.81	0.81	0.81	0.85	0.81	0.81
PSCA039UA (87.5x76)	3.16	3.16	3.16	3.16	2.51	3.16	3.16	0.83	0.83	0.83	0.83	0.66	0.83	0.83
PSCA039UA (90.5x54)	2.66	2.66	2.66	2.66	2.37	2.66	2.66	1.02	1.02	1.02	1.02	1.02	1.02	1.02
PSCA039UA (105.5x62.5)	2.94	2.94	2.94	2.94	3.31	2.94	2.94	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA040UA (66.5x108.5)	3.16	3.16	3.16	3.16	3.27	3.16	3.16	0.84	0.84	0.84	0.84	0.86	0.84	0.84
PSCA040UA (75.5x89.5)	3.20	3.20	3.20	3.20	3.37	3.20	3.20	0.85	0.85	0.85	0.85	0.89	0.85	0.85
PSCA040UA (93.5x72)	2.99	2.99	2.99	2.99	3.37	2.99	2.99	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA040UA (97.5x68)	2.93	2.93	2.93	2.93	3.17	2.93	2.93	0.81	0.81	0.81	0.81	0.88	0.81	0.81
PSCA040UA (99.5x68)	2.95	2.95	2.95	2.95	3.52	2.95	2.95	0.78	0.78	0.78	0.78	0.93	0.78	0.78
PSCA041UA (55x126)	4.25	4.25	4.25	4.25	3.69	4.25	4.25	1.07	1.07	1.07	1.07	0.93	1.07	1.07
PSCA041UA (57.5x121.5)	3.34	3.34	3.34	3.34	3.49	3.34	3.34	0.84	0.84	0.84	0.84	0.88	0.84	0.84
PSCA041UA (60.75x114)	3.38	3.38	3.38	3.38	3.71	3.38	3.38	0.85	0.85	0.85	0.85	0.93	0.85	0.85
PSCA041UA (63.5x108.5)	3.22	3.22	3.22	3.22	3.39	3.22	3.22	0.83	0.83	0.83	0.83	0.87	0.83	0.83
PSCA041UA (72.5x96)	3.19	3.19	3.19	3.19	3.41	3.19	3.19	0.82	0.82	0.82	0.82	0.88	0.82	0.82
PSCA041UA (82.5x84)	3.14	3.14	3.14	3.14	3.54	3.14	3.14	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA041UA (90.5x76)	3.23	3.23	3.23	3.23	3.57	3.23	3.23	0.81	0.81	0.81	0.81	0.89	0.81	0.81
PSCA041UA (109.75x62.5)	3.01	3.01	3.01	3.01	3.40	3.01	3.01	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA041UA (109.75x68)	3.01	3.01	3.01	3.01	3.40	3.01	3.01	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA042UA (69.25x102)	3.31	3.31	3.31	3.31	3.49	3.31	3.31	0.85	0.85	0.85	0.85	0.90	0.85	0.85
PSCA042UA (79x89.5)	3.15	3.15	3.15	3.15	3.40	3.15	3.15	0.80	0.80	0.80	0.80	0.87	0.80	0.80
PSCA042UA (84.5x84)	3.18	3.18	3.18	3.18	3.55	3.18	3.18	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA042UA (84.5x89.5)	3.18	3.18	3.18	3.18	3.55	3.18	3.18	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA042UA (93.5x76)	3.16	3.16	3.16	3.16	3.74	3.16	3.16	0.77	0.77	0.77	0.77	0.91	0.77	0.77
PSCA042UA (97.5x72)	3.08	3.08	3.08	3.08	3.74	3.08	3.08	0.77	0.77	0.77	0.77	0.94	0.77	0.77
PSCA042UA (102.5x68)	3.00	3.00	3.00	3.00	3.11	3.00	3.00	0.83	0.83	0.83	0.83	0.86	0.83	0.83
PSCA043UA (55x132)	4.51	4.51	4.51	4.51	4.01	4.51	4.51	1.07	1.07	1.07	1.07	0.96	1.07	1.07
PSCA043UA (57.5x126)	4.00	4.00	4.00	4.00	3.76	4.00	4.00	0.96	0.96	0.96	0.96	0.90	0.96	0.96
PSCA043UA (63.5x114)	3.34	3.34	3.34	3.34	3.69	3.34	3.34	0.81	0.81	0.81	0.81	0.90	0.81	0.81
PSCA043UA (66.5x114)	3.39	3.39	3.39	3.39	3.60	3.39	3.39	0.84	0.84	0.84	0.84	0.90	0.84	0.84
PSCA043UA (75.5x96)	3.25	3.25	3.25	3.25	3.50	3.25	3.25	0.81	0.81	0.81	0.81			

PSCA044UA (72.5x102)	3.60	3.60	3.60	3.60	3.71	3.60	3.60	0.86	0.86	0.86	0.86	0.88	0.86	0.86
PSCA044UA (82.5x89.5)	3.23	3.23	3.23	3.23	3.80	3.23	3.23	0.77	0.77	0.77	0.77	0.90	0.77	0.77
PSCA044UA (97.5x76)	3.67	3.67	3.67	3.67	4.01	3.67	3.67	0.83	0.83	0.83	0.83	0.91	0.83	0.83
PSCA044UA (102.5x72)	3.27	3.27	3.27	3.27	3.82	3.27	3.27	0.78	0.78	0.78	0.78	0.91	0.78	0.78
PSCA045UA (57.5x132)	4.76	4.76	4.76	4.76	3.90	4.76	4.76	1.09	1.09	1.09	1.09	0.89	1.09	1.09
PSCA045UA (60.75x126)	4.84	4.84	4.84	4.84	4.22	4.84	4.84	1.08	1.08	1.08	1.08	0.94	1.08	1.08
PSCA045UA (75.5x102)	3.66	3.66	3.66	3.66	3.79	3.66	3.66	0.85	0.85	0.85	0.85	0.88	0.85	0.85
PSCA045UA (79x96)	3.47	3.47	3.47	3.47	3.72	3.47	3.47	0.80	0.80	0.80	0.80	0.86	0.80	0.80
PSCA045UA (90.5x84)	3.80	3.80	3.80	3.80	3.95	3.80	3.80	0.87	0.87	0.87	0.87	0.90	0.87	0.87
PSCA045UA (99.5x76)	3.69	3.69	3.69	3.69	4.01	3.69	3.69	0.84	0.84	0.84	0.84	0.91	0.84	0.84
PSCA045UA (105.5x72)	3.69	3.69	3.69	3.69	4.04	3.69	3.69	0.84	0.84	0.84	0.84	0.92	0.84	0.84
PSCA046UA (57.5x136.5)	4.85	4.85	4.85	4.85	3.89	4.85	4.85	1.10	1.10	1.10	1.10	0.88	1.10	1.10
PSCA046UA (63.5x121.5)	3.73	3.73	3.73	3.73	3.78	3.73	3.73	0.86	0.86	0.86	0.86	0.88	0.86	0.86
PSCA046UA (72.5x108.5)	3.95	3.95	3.95	3.95	4.00	3.95	3.95	0.89	0.89	0.89	0.89	0.90	0.89	0.89
PSCA046UA (87.5x89.5)	3.38	3.38	3.38	3.38	4.79	3.38	3.38	0.75	0.75	0.75	0.75	1.07	0.75	0.75
PSCA046UA (93.5x84)	3.77	3.77	3.77	3.77	4.12	3.77	3.77	0.85	0.85	0.85	0.85	0.93	0.85	0.85
PSCA046UA (102.5x76)	3.75	3.75	3.75	3.75	4.13	3.75	3.75	0.83	0.83	0.83	0.83	0.91	0.83	0.83
PSCA047UA (60.75x132)	4.75	4.75	4.75	4.75	4.60	4.75	4.75	0.99	0.99	0.99	0.99	0.96	0.99	0.99
PSCA047UA (63.5x126)	4.79	4.79	4.79	4.79	4.49	4.79	4.79	1.06	1.06	1.06	1.06	0.89	1.06	1.06
PSCA047UA (69.25x114)	3.78	3.78	3.78	3.78	4.29	3.78	3.78	0.83	0.83	0.83	0.83	0.95	0.83	0.83
PSCA047UA (82.5x96)	3.48	3.48	3.48	3.48	3.85	3.48	3.48	0.78	0.78	0.78	0.78	0.86	0.78	0.78
PSCA047UA (109.75x72)	3.76	3.76	3.76	3.76	3.97	3.76	3.76	0.86	0.86	0.86	0.86	0.90	0.86	0.86
PSCA048UA (66.5x121.5)	3.95	3.95	3.95	3.95	4.12	3.95	3.95	0.87	0.87	0.87	0.87	0.91	0.87	0.87
PSCA048UA (75.5x108.5)	4.03	4.03	4.03	4.03	4.20	4.03	4.03	0.88	0.88	0.88	0.88	0.91	0.88	0.88
PSCA048UA (79x102)	3.86	3.86	3.86	3.86	4.09	3.86	3.86	0.85	0.85	0.85	0.85	0.90	0.85	0.85
PSCA048UA (84.5x96)	3.74	3.74	3.74	3.74	4.16	3.74	3.74	0.81	0.81	0.81	0.81	0.90	0.81	0.81
PSCA048UA (90.5x89.5)	3.81	3.81	3.81	3.81	4.20	3.81	3.81	0.83	0.83	0.83	0.83	0.92	0.83	0.83
PSCA048UA (97.5x84)	3.65	3.65	3.65	3.65	4.61	3.65	3.65	0.76	0.76	0.76	0.76	0.96	0.76	0.76
PSCA048UA (105.5x76)	3.59	3.59	3.59	3.59	4.31	3.59	3.59	0.76	0.76	0.76	0.76	0.92	0.76	0.76
PSCA049UA (57.5x144)	4.81	4.81	4.81	4.81	4.36	4.81	4.81	1.00	1.00	1.00	1.00	0.91	1.00	1.00
PSCA049UA (60.75x136.5)	4.84	4.84	4.84	4.84	4.70	4.84	4.84	0.99	0.99	0.99	0.99	0.96	0.99	0.99
PSCA049UA (63.5x132)	4.70	4.70	4.70	4.70	4.21	4.70	4.70	1.00	1.00	1.00	1.00	0.89	1.00	1.00
PSCA049UA (66.5x126)	4.66	4.66	4.66	4.66	4.37	4.66	4.66	0.97	0.97	0.97	0.97	0.91	0.97	0.97
PSCA049UA (72.5x114)	3.79	3.79	3.79	3.79	4.35	3.79	3.79	0.80	0.80	0.80	0.80	0.91	0.80	0.80
PSCA049UA (93.5x89.5)	3.64	3.64	3.64	3.64	4.60	3.64	3.64	0.76	0.76	0.76	0.76	0.96	0.76	0.76
PSCA049UA (99.5x84)	3.67	3.67	3.67	3.67	4.61	3.67	3.67	0.76	0.76	0.76	0.76	0.96	0.76	0.76
PSCA050UA (69.25x121.5)	3.93	3.93	3.93	3.93	4.50	3.93	3.93	0.82	0.82	0.82	0.82	0.94	0.82	0.82
PSCA050UA (82.5x102)	3.94	3.94	3.94	3.94	4.17	3.94	3.94	0.82	0.82	0.82	0.82	0.87	0.82	0.82
PSCA050UA (87.5x96)	3.67	3.67	3.67	3.67	4.84	3.67	3.67	0.76	0.76	0.76	0.76	1.01	0.76	0.76
PSCA050UA (109.75x76)	3.88	3.88	3.88	3.88	4.14	3.88	3.88	0.84	0.84	0.84	0.84	0.90	0.84	0.84
PSCA051UA (63.5x136.5)	5.08	5.08	5.08	5.08	4.05	5.08	5.08	1.04	1.04	1.04	1.04	0.83	1.04	1.04
PSCA051UA (75.5x114)	4.12	4.12	4.12	4.12	4.81	4.12	4.12	0.82	0.82	0.82	0.82	0.96	0.82	0.82
PSCA051UA (79x108.5)	4.00	4.00	4.00	4.00	4.41	4.00	4.00	0.83	0.83	0.83	0.83	0.91	0.83	0.83
PSCA051UA (84.5x102)	4.27	4.27	4.27	4.27	4.51	4.27	4.27	0.85	0.85	0.85	0.85	0.90	0.85	0.85
PSCA051UA (90.5x96)	3.86	3.86	3.86	3.86	5.07	3.86	3.86	0.79	0.79	0.79	0.79	1.03	0.79	0.79
PSCA051UA (102.5x84)	3.83	3.83	3.83	3.83	4.53	3.83	3.83	0.80	0.80	0.80	0.80	0.94	0.80	0.80
PSCA052UA (60.75x144)	5.30	5.30	5.30	5.30	4.66	5.30	5.30	1.02	1.02	1.02	1.02	0.90	1.02	1.02
PSCA052UA (66.5x132)	5.07	5.07	5.07	5.07	4.24	5.07	5.07	1.01	1.01	1.01	1.01	0.85	1.01	1.01
PSCA052UA (69.25x126)	4.86	4.86	4.86	4.86	4.81	4.86	4.86	0.97	0.97	0.97	0.97	0.96	0.97	0.97
PSCA052UA (72.5x121.5)	4.32	4.32	4.32	4.32	4.16	4.32	4.32	0.86	0.86	0.86	0.86	0.83	0.86	0.86
PSCA053UA (79x114)	4.13	4.13	4.13	4.13	4.52	4.13	4.13	0.81	0.81	0.81	0.81	0.88	0.81	0.81
PSCA053UA (82.5x108.5)	4.21	4.21	4.21	4.21	4.60	4.21	4.21	0.82	0.82	0.82	0.82	0.89	0.82	0.82
PSCA053UA (87.5x102)	4.22	4.22	4.22	4.22	3.23	4.22	4.22	0.83	0.83	0.83	0.83	0.64	0.83	0.83
PSCA053UA (93.5x96)	4.31	4.31	4.31	4.31	4.52	4.31	4.31	0.84	0.84	0.84	0.84	0.88	0.84	0.84
PSCA053UA (99.5x89.5)	4.14	4.14	4.14	4.14	4.70	4.14	4.14	0.80	0.80	0.80	0.80	0.90	0.80	0.80
PSCA053UA (105.5x84)	4.15	4.15	4.15	4.15	4.28	4.15	4.15	0.83	0.83	0.83	0.83	0.86	0.83	0.83
PSCA054UA (63.5x144)	5.25	5.25	5.25	5.25	4.27	5.25	5.25	1.03	1.03	1.03	1.03	0.83	1.03	1.03
PSCA054UA (66.5x136.5)	5.20	5.20	5.20	5.20	4.45	5.20	5.20	1.00	1.00	1.00	1.00	0.85	1.00	1.00
PSCA054UA (69.25x132)	5.30	5.30	5.30	5.30	4.67	5.30	5.30	1.01	1.01	1.01	1.01	0.89	1.01	1.01
PSCA054UA (72.5x126)	5.16	5.16	5.16	5.16	4.50	5.16	5.16	0.97	0.97	0.97	0.97	0.85	0.97	0.97
PSCA054UA (75.5x121.5)	4.41	4.41	4.41	4.41	4.50	4.41	4.41	0.83	0.83	0.83	0.83	0.85	0.83	0.83
PSCA054UA (84.5x108.5)	4.43	4.43	4.43	4.43	4.80	4.43	4.43	0.83	0.83	0.83	0.83	0.90	0.83	0.83
PSCA054UA (90.5x102)	4.17	4.17	4.17	4.17	3.39	4.17	4.17	0.79	0.79	0.79	0.79	0.64	0.79	0.79
PSCA054UA (102.5x89.5)	4.20	4.20	4.20	4.20	4.62	4.20	4.20	0.81	0.81	0.81	0.81	0.89	0.81	0.81
PSCA055UA (97.5x96)	4.40	4.40	4.40	4.40	4.47	4.40	4.40	0.85	0.85	0.85	0.85	0.86	0.85	0.85
PSCA055UA (109.75x84)	4.24	4.24	4.24	4.24	4.78	4.24	4.24	0.79	0.79	0.79	0.79	0.89	0.79	0.79
PSCA056UA (63.5x150.5)	5.42	5.42	5.42	5.42	4.44	5.42	5.42	1.02	1.02	1.02	1.02	0.83	1.02	1.02
PSCA056UA (69.25x136.5)	5.42	5.42	5.42	5.42	4.99	5.42	5.42	0.98	0.98	0.98	0.98	0.90	0.98	0.98
PSCA056UA (72.5x132)	5.30	5.30	5.30	5.30	4.57	5.30	5.30	0.98	0.98	0.98	0.98	0.85	0.98	0.98
PSCA056UA (75.5x126)	4.81	4.81	4.81	4.81	4.97	4.81	4.81	0.86	0.86	0.86	0.86	0.89	0.86	0.86
PSCA056UA (82.5x114)	4.26	4.26	4.26	4.26	4.75	4.26	4.26	0.79	0.79	0.79	0.79	0.88	0.79	0.79
PSCA056UA (87.5x108.5)	4.52	4.52	4.52	4.52	3.65	4.52	4.52	0.82	0.82	0.82	0.82	0.66	0.82	0.82
PSCA056UA (93.5x102)	4.49	4.49	4.49	4.49	4.89	4.49	4.49	0.82	0.82	0.82	0.82	0.89	0.82	0.82
PSCA056UA (99.5x96)	4.44	4.44	4.44	4.44	5.14	4.44	4.44	0.79	0.79	0.79	0.79	0.92	0.79	0.79
PSCA056UA (105.5x89.5)	4.25	4.25	4.25	4.25	4.74	4.25	4.25	0.79	0.79	0.79	0.79	0.88	0.79	0.79
PSCA057UA (66.5x144)	5.35	5.35	5.35	5.35	4.79	5.35	5.35	0.98	0.98	0.98	0.98	0.87	0.98	0.98
PSCA057UA (79x121.5)	4.49	4.49	4.49	4.49	4.66	4.49	4.49	0.82	0.82	0.82	0.82	0.85	0.82	0.82
PSCA057UA (84.5x114)	4.47	4.47	4.47	4.47	5.00	4.47	4.47	0.80	0.80	0.80	0.80	0.89	0.80	0.80
PSCA058UA (72.5x136.5)	4.96	4.96	4.96	4.96	4.96	4.96	4.96	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PSCA058UA (90.5x108.5)	5.17	5.17	5.17	5.17	3.66	5.17	5.17	0.91	0.91	0.91	0.91	0.65	0.91	0.91
PSCA058UA (102.5x96)	4.66	4.66	4.66	4.66	6.21	4.66	4.66	0.80	0.80	0.80	0.80	1.07	0.80	0.80
PSCA058UA (109.75x89.5)	4.34	4.34	4.34	4.34	4.66	4.34								

PSCA059UA (87.5x114)	5.14	5.14	5.14	5.14	3.84	5.14	5.14	0.87	0.87	0.87	0.87	0.65	0.87	0.87
PSCA059UA (97.5x102)	4.94	4.94	4.94	4.94	6.33	4.94	4.94	0.88	0.88	0.88	0.88	1.13	0.88	0.88
PSCA060UA (93.5x108.5)	5.14	5.14	5.14	5.14	7.86	5.14	5.14	0.86	0.86	0.86	0.86	1.32	0.86	0.86
PSCA060UA (99.5x102)	4.97	4.97	4.97	4.97	7.67	4.97	4.97	0.83	0.83	0.83	0.83	1.28	0.83	0.83
PSCA060UA (105.5x96)	4.64	4.64	4.64	4.64	6.77	4.64	4.64	0.80	0.80	0.80	0.80	1.17	0.80	0.80
PSCA061UA (75.5x136.5)	5.07	5.07	5.07	5.07	5.53	5.07	5.07	0.83	0.83	0.83	0.83	0.91	0.83	0.83
PSCA061UA (79x144)	5.45	5.45	5.45	5.45	5.45	5.45	5.45	0.84	0.84	0.84	0.84	0.84	0.84	0.84
PSCA061UA (82.5x126)	5.01	5.01	5.01	5.01	5.39	5.01	5.01	0.82	0.82	0.82	0.82	0.89	0.82	0.82
PSCA061UA (84.5x121.5)	5.09	5.09	5.09	5.09	5.28	5.09	5.09	0.86	0.86	0.86	0.86	0.89	0.86	0.86
PSCA061UA (90.5x114)	5.56	5.56	5.56	5.56	3.91	5.56	5.56	0.93	0.93	0.93	0.93	0.65	0.93	0.93
PSCA062UA (69.25x150.5)	5.53	5.53	5.53	5.53	7.92	5.53	5.53	0.93	0.93	0.93	0.93	1.33	0.93	0.93
PSCA062UA (72.5x144)	5.14	5.14	5.14	5.14	5.20	5.14	5.14	0.87	0.87	0.87	0.87	0.88	0.87	0.87
PSCA062UA (79x132)	5.01	5.01	5.01	5.01	5.22	5.01	5.01	0.84	0.84	0.84	0.84	0.88	0.84	0.84
PSCA062UA (97.5x108.5)	5.11	5.11	5.11	5.11	7.67	5.11	5.11	0.85	0.85	0.85	0.85	1.28	0.85	0.85
PSCA062UA (102.5x102)	4.86	4.86	4.86	4.86	6.59	4.86	4.86	0.81	0.81	0.81	0.81	1.10	0.81	0.81
PSCA062UA (109.75x96)	5.05	5.05	5.05	5.05	5.05	5.05	5.05	0.87	0.87	0.87	0.87	0.94	0.87	0.87
PSCA063UA (84.5x126)	5.33	5.33	5.33	5.33	5.69	5.33	5.33	0.85	0.85	0.85	0.85	0.90	0.85	0.85
PSCA063UA (87.5x121.5)	5.61	5.61	5.61	5.61	4.01	5.61	5.61	0.90	0.90	0.90	0.90	0.65	0.90	0.90
PSCA063UA (93.5x114)	5.46	5.46	5.46	5.46	7.42	5.46	5.46	0.86	0.86	0.86	0.86	1.17	0.86	0.86
PSCA064UA (72.5x150.5)	5.30	5.30	5.30	5.30	5.49	5.30	5.30	0.85	0.85	0.85	0.85	0.88	0.85	0.85
PSCA064UA (75.5x144)	5.30	5.30	5.30	5.30	5.77	5.30	5.30	0.83	0.83	0.83	0.83	0.90	0.83	0.83
PSCA064UA (79x136.5)	5.13	5.13	5.13	5.13	5.49	5.13	5.13	0.83	0.83	0.83	0.83	0.89	0.83	0.83
PSCA064UA (82.5x132)	5.14	5.14	5.14	5.14	5.77	5.14	5.14	0.80	0.80	0.80	0.80	0.90	0.80	0.80
PSCA064UA (82.5x136.5)	5.14	5.14	5.14	5.14	5.82	5.14	5.14	0.80	0.80	0.80	0.80	0.90	0.80	0.80
PSCA064UA (99.5x108.5)	5.37	5.37	5.37	5.37	6.98	5.37	5.37	0.85	0.85	0.85	0.85	1.11	0.85	0.85
PSCA064UA (105.5x102)	4.87	4.87	4.87	4.87	8.08	4.87	4.87	0.77	0.77	0.77	0.77	1.28	0.77	0.77
PSCA065UA (87.5x126)	5.84	5.84	5.84	5.84	4.40	5.84	5.84	0.89	0.89	0.89	0.89	0.67	0.89	0.89
PSCA065UA (90.5x121.5)	5.69	5.69	5.69	5.69	4.20	5.69	5.69	0.89	0.89	0.89	0.89	0.66	0.89	0.89
PSCA066UA (82.5x144)	5.39	5.39	5.39	5.39	5.78	5.39	5.39	0.81	0.81	0.81	0.81	0.86	0.81	0.81
PSCA066UA (84.5x132)	5.63	5.63	5.63	5.63	5.69	5.63	5.63	0.85	0.85	0.85	0.85	0.86	0.85	0.85
PSCA066UA (97.5x114)	5.39	5.39	5.39	5.39	6.92	5.39	5.39	0.84	0.84	0.84	0.84	1.08	0.84	0.84
PSCA066UA (102.5x108.5)	5.66	5.66	5.66	5.66	5.12	5.66	5.66	0.88	0.88	0.88	0.88	0.88	0.88	0.88
PSCA066UA (109.75x102)	5.19	5.19	5.19	5.19	6.00	5.19	5.19	0.82	0.82	0.82	0.82	0.95	0.82	0.82
PSCA067UA (75.5x150.5)	5.99	5.99	5.99	5.99	8.53	5.99	5.99	0.90	0.90	0.90	0.90	1.28	0.90	0.90
PSCA067UA (90.5x126)	5.94	5.94	5.94	5.94	4.66	5.94	5.94	0.87	0.87	0.87	0.87	0.69	0.87	0.87
PSCA067UA (93.5x121.5)	5.44	5.44	5.44	5.44	6.80	5.44	5.44	0.82	0.82	0.82	0.82	1.03	0.82	0.82
PSCA067UA (99.5x114)	5.48	5.48	5.48	5.48	6.99	5.48	5.48	0.83	0.83	0.83	0.83	1.06	0.83	0.83
PSCA068UA (84.5x136.5)	5.73	5.73	5.73	5.73	5.91	5.73	5.73	0.84	0.84	0.84	0.84	0.87	0.84	0.84
PSCA068UA (87.5x132)	6.00	6.00	6.00	6.00	4.59	6.00	6.00	0.88	0.88	0.88	0.88	0.68	0.88	0.88
PSCA068UA (105.5x108.5)	5.44	5.44	5.44	5.44	5.69	5.44	5.44	0.82	0.82	0.82	0.82	0.86	0.82	0.82
PSCA069UA (102.5x114)	5.86	5.86	5.86	5.86	5.78	5.86	5.86	0.86	0.86	0.86	0.86	0.85	0.86	0.86
PSCA070UA (79x150.5)	5.60	5.60	5.60	5.60	5.88	5.60	5.60	0.82	0.82	0.82	0.82	0.86	0.82	0.82
PSCA070UA (82.5x150.5)	5.57	5.57	5.57	5.57	6.04	5.57	5.57	0.80	0.80	0.80	0.80	0.87	0.80	0.80
PSCA070UA (93.5x126)	5.70	5.70	5.70	5.70	7.35	5.70	5.70	0.83	0.83	0.83	0.83	1.07	0.83	0.83
PSCA070UA (97.5x121.5)	5.59	5.59	5.59	5.59	7.06	5.59	5.59	0.82	0.82	0.82	0.82	1.04	0.82	0.82
PSCA070UA (109.75x108.5)	5.40	5.40	5.40	5.40	6.72	5.40	5.40	0.79	0.79	0.79	0.79	0.99	0.79	0.79
PSCA071UA (87.5x136.5)	5.74	5.74	5.74	5.74	4.80	5.74	5.74	0.81	0.81	0.81	0.81	0.68	0.81	0.81
PSCA071UA (90.5x132)	5.71	5.71	5.71	5.71	4.90	5.71	5.71	0.80	0.80	0.80	0.80	0.69	0.80	0.80
PSCA071UA (99.5x121.5)	5.62	5.62	5.62	5.62	7.63	5.62	5.62	0.80	0.80	0.80	0.80	1.09	0.80	0.80
PSCA071UA (105.5x114)	5.45	5.45	5.45	5.45	6.22	5.45	5.45	0.78	0.78	0.78	0.78	0.89	0.78	0.78
PSCA072UA (84.5x144)	5.92	5.92	5.92	5.92	6.39	5.92	5.92	0.82	0.82	0.82	0.82	0.89	0.82	0.82
PSCA073UA (82.5x156)	5.76	5.76	5.76	5.76	6.46	5.76	5.76	0.78	0.78	0.78	0.78	0.88	0.78	0.78
PSCA073UA (90.5x136.5)	6.29	6.29	6.29	6.29	4.44	6.29	6.29	0.86	0.86	0.86	0.86	0.61	0.86	0.86
PSCA073UA (93.5x132)	5.85	5.85	5.85	5.85	8.06	5.85	5.85	0.81	0.81	0.81	0.81	1.12	0.81	0.81
PSCA073UA (97.5x126)	5.82	5.82	5.82	5.82	8.08	5.82	5.82	0.81	0.81	0.81	0.81	1.12	0.81	0.81
PSCA074UA (87.5x144)	6.40	6.40	6.40	6.40	4.48	6.40	6.40	0.87	0.87	0.87	0.87	0.61	0.87	0.87
PSCA074UA (99.5x126)	5.85	5.85	5.85	5.85	8.82	5.85	5.85	0.79	0.79	0.79	0.79	1.19	0.79	0.79
PSCA074UA (102.5x121.5)	5.62	5.62	5.62	5.62	5.96	5.62	5.62	0.80	0.80	0.80	0.80	0.85	0.80	0.80
PSCA074UA (109.75x114)	5.64	5.64	5.64	5.64	6.86	5.64	5.64	0.78	0.78	0.78	0.78	0.95	0.78	0.78
PSCA075UA (84.5x150.5)	6.12	6.12	6.12	6.12	6.85	6.12	6.12	0.81	0.81	0.81	0.81	0.90	0.81	0.81
PSCA075UA (93.5x136.5)	5.97	5.97	5.97	5.97	9.30	5.97	5.97	0.79	0.79	0.79	0.79	1.23	0.79	0.79
PSCA076UA (82.5x162)	6.21	6.21	6.21	6.21	10.92	6.21	6.21	0.80	0.80	0.80	0.80	1.40	0.80	0.80
PSCA076UA (97.5x132)	5.99	5.99	5.99	5.99	9.20	5.99	5.99	0.79	0.79	0.79	0.79	1.21	0.79	0.79
PSCA076UA (102.5x126)	6.32	6.32	6.32	6.32	5.78	6.32	6.32	0.83	0.83	0.83	0.83	0.76	0.83	0.83
PSCA076UA (105.5x121.5)	5.58	5.58	5.58	5.58	6.77	5.58	5.58	0.73	0.73	0.73	0.73	0.89	0.73	0.73
PSCA077UA (90.5x144)	6.49	6.49	6.49	6.49	4.65	6.49	6.49	0.85	0.85	0.85	0.85	0.61	0.85	0.85
PSCA078UA (84.5x156)	6.29	6.29	6.29	6.29	9.88	6.29	6.29	0.80	0.80	0.80	0.80	1.25	0.80	0.80
PSCA078UA (87.5x150.5)	6.59	6.59	6.59	6.59	5.71	6.59	6.59	0.86	0.86	0.86	0.86	0.74	0.86	0.86
PSCA078UA (99.5x132)	6.02	6.02	6.02	6.02	9.20	6.02	6.02	0.79	0.79	0.79	0.79	1.21	0.79	0.79
PSCA078UA (105.5x126)	5.82	5.82	5.82	5.82	7.37	5.82	5.82	0.73	0.73	0.73	0.73	0.92	0.73	0.73
PSCA079UA (93.5x144)	6.18	6.18	6.18	6.18	10.32	6.18	6.18	0.78	0.78	0.78	0.78	1.31	0.78	0.78
PSCA079UA (97.5x136.5)	6.10	6.10	6.10	6.10	10.78	6.10	6.10	0.76	0.76	0.76	0.76	1.35	0.76	0.76
PSCA079UA (109.75x121.5)	6.09	6.09	6.09	6.09	7.87	6.09	6.09	0.76	0.76	0.76	0.76	0.98	0.76	0.76
PSCA080UA (90.5x150.5)	6.69	6.69	6.69	6.69	4.94	6.69	6.69	0.84	0.84	0.84	0.84	0.62	0.84	0.84
PSCA080UA (99.5x136.5)	6.13	6.13	6.13	6.13	10.78	6.13	6.13	0.77	0.77	0.77	0.77	1.35	0.77	0.77
PSCA080UA (102.5x132)	6.49	6.49	6.49	6.49	6.44	6.49	6.49	0.81	0.81	0.81	0.81	0.81	0.81	0.81
PSCA081UA (87.5x156)	6.27	6.27	6.27	6.27	9.10	6.27	6.27	0.78	0.78	0.78	0.78	1.14	0.78	0.78
PSCA082UA (105.5x132)	5.97	5.97	5.97	5.97	7.90	5.97	5.97	0.72	0.72	0.72	0.72	0.95	0.72	0.72
PSCA082UA (109.75x126)	6.33	6.33	6.33	6.33	8.47	6.33	6.33	0.75	0.75	0.75	0.75	1.01	0.75	0.75
PSCA083UA (90.5x156)	6.48	6.48	6.48	6.48	9.39	6.48	6.48	0.78	0.78	0.78	0.78	1.13	0.78	0.78
PSCA083UA (93.5x150.5)	6.67	6.67	6.67	6.67	8.70	6.67	6.67	0.81	0.81	0.81	0.81	1.06	0.81	0.81
PSCA083UA (97.5x144)	6.61													

PSCA087UA (97.5x150.5)	7.05	7.05	7.05	7.05	10.12	7.05	7.05	0.80	0.80	0.80	0.80	1.15	0.80	0.80
PSCA087UA (102.5x144)	6.96	6.96	6.96	6.96	6.10	6.96	6.96	0.82	0.82	0.82	0.82	0.72	0.82	0.82
PSCA088UA (99.5x150.5)	7.08	7.08	7.08	7.08	10.12	7.08	7.08	0.80	0.80	0.80	0.80	1.15	0.80	0.80
PSCA088UA (109.75x136.5)	6.73	6.73	6.73	6.73	8.29	6.73	6.73	0.73	0.73	0.73	0.73	0.90	0.73	0.73
PSCA089UA (93.5x162)	7.22	7.22	7.22	7.22	10.23	7.22	7.22	0.81	0.81	0.81	0.81	1.15	0.81	0.81
PSCA090UA (90.5x168)	6.81	6.81	6.81	6.81	11.78	6.81	6.81	0.75	0.75	0.75	0.75	1.29	0.75	0.75
PSCA090UA (97.5x156)	6.75	6.75	6.75	6.75	10.95	6.75	6.75	0.73	0.73	0.73	0.73	1.19	0.73	0.73
PSCA090UA (105.5x144)	6.68	6.68	6.68	6.68	7.74	6.68	6.68	0.74	0.74	0.74	0.74	0.86	0.74	0.74
PSCA091UA (102.5x150.5)	7.19	7.19	7.19	7.19	6.74	7.19	7.19	0.80	0.80	0.80	0.80	0.75	0.80	0.80
PSCA092UA (99.5x156)	6.78	6.78	6.78	6.78	10.95	6.78	6.78	0.74	0.74	0.74	0.74	1.19	0.74	0.74
PSCA093UA (93.5x168)	7.27	7.27	7.27	7.27	8.79	7.27	7.27	0.78	0.78	0.78	0.78	0.95	0.78	0.78
PSCA093UA (97.5x162)	7.27	7.27	7.27	7.27	9.50	7.27	7.27	0.76	0.76	0.76	0.76	0.99	0.76	0.76
PSCA093UA (109.75x144)	6.91	6.91	6.91	6.91	8.26	6.91	6.91	0.75	0.75	0.75	0.75	0.90	0.75	0.75
PSCA094UA (102.5x156)	6.88	6.88	6.88	6.88	10.15	6.88	6.88	0.72	0.72	0.72	0.72	1.06	0.72	0.72
PSCA094UA (105.5x150.5)	6.88	6.88	6.88	6.88	7.95	6.88	6.88	0.73	0.73	0.73	0.73	0.85	0.73	0.73
PSCA095UA (99.5x162)	7.30	7.30	7.30	7.30	9.50	7.30	7.30	0.76	0.76	0.76	0.76	0.99	0.76	0.76
PSCA097UA (97.5x168)	7.41	7.41	7.41	7.41	9.34	7.41	7.41	0.77	0.77	0.77	0.77	0.97	0.77	0.77
PSCA097UA (105.5x156)	7.15	7.15	7.15	7.15	12.52	7.15	7.15	0.73	0.73	0.73	0.73	1.28	0.73	0.73
PSCA098UA (102.5x162)	7.68	7.68	7.68	7.68	9.10	7.68	7.68	0.77	0.77	0.77	0.77	0.91	0.77	0.77
PSCA098UA (109.75x150.5)	7.12	7.12	7.12	7.12	8.46	7.12	7.12	0.75	0.75	0.75	0.75	0.89	0.75	0.75
PSCA099UA (99.5x168)	7.98	7.98	7.98	7.98	8.99	7.98	7.98	0.80	0.80	0.80	0.80	0.90	0.80	0.80
PSCA101UA (105.5x162)	7.55	7.55	7.55	7.55	7.44	7.55	7.55	0.75	0.75	0.75	0.75	0.74	0.75	0.75
PSCA101UA (109.75x156)	7.14	7.14	7.14	7.14	11.69	7.14	7.14	0.71	0.71	0.71	0.71	1.17	0.71	0.71
PSCA102UA (102.5x168)	7.41	7.41	7.41	7.41	13.79	7.41	7.41	0.71	0.71	0.71	0.71	1.31	0.71	0.71
PSCA105UA (105.5x168)	7.71	7.71	7.71	7.71	7.66	7.71	7.71	0.74	0.74	0.74	0.74	0.74	0.74	0.74
PSCA105UA (109.75x162)	8.00	8.00	8.00	8.00	8.95	8.00	8.00	0.76	0.76	0.76	0.76	0.84	0.76	0.76
PSCA105UA (109.75x168)	8.02	8.02	8.02	8.02	9.52	8.02	8.02	0.73	0.73	0.73	0.73	0.87	0.73	0.73
PSCA109UA (109.75x174)	8.18	8.18	8.18	8.18	9.66	8.18	8.18	0.73	0.73	0.73	0.73	0.86	0.73	0.73

Comparability

EPDs published within the same product category, though originating from different programs, may not be comparable. Full conformance with a PCR allows PEP comparability only when all stages of a life cycle have been considered. However, variations and deviations are possible.

References

AISI & SMA. (2021). *Determination of Steel Recycling Rates in the United States*. American Iron and Steel Institute and Steel Manufacturers Association.

CEN. (2019). *EN 15804+A2: Sustainability of construction works – Environmental product declarations – Core rules for the product category of construction products*. European Committee for Standardization.

ISO. (2006). *Environmental labels and declarations - Type III environmental declarations - Principles and Procedures*. Geneva: International Organization for Standardization.

ISO. (2006). *ISO 14040/Amd 1:2020: Environmental management - Life cycle assessment - Principles and framework*. Geneva: International Organization for Standardization.

ISO. (2006). *ISO 14044/Amd 1:2017/Amd 2:2020: Environmental Management - Life cycle assessment - Requirements and Guidelines*. Geneva: International Organization for Standardization.

The Aluminum Association. (2025). *Infinitely Recyclable*. Retrieved from The Aluminum Association: <https://www.aluminum.org/Recycling>

Trane Technologies. (2025). *2024 Sustainability Report*. Retrieved from Trane Technologies: <https://www.tranetechnologies.com/content/dam/cs-corporate/pdf/sustainability/annual/2024-Sustainability-Report.pdf>

US EPA. (2024, November). *Durable Goods: Product-Specific Data*. Retrieved from United States Environmental Protection Agency: <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/durable-goods-product-specific-data>

US EPA. (2024, November). *Other Nonferrous Metals: Material-Specific Data*. Retrieved from United States Environmental Protection Agency: <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/other-nonferrous-metals-material-specific>

US EPA. (2024, November). *Plastics: Material-Specific Data*. Retrieved from United States Environmental Protection Agency: <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/plastics-material-specific-data>

US EPA. (2024, November). *Rubber and Leather: Material-Specific Data*. Retrieved from United States Environmental Protection Agency: <https://www.epa.gov/facts-and-figures-about-materials-waste-and-recycling/rubber-and-leather-material-specific-data>

Registration number: TRNE-10004-V01.01-EN	Drafting rules: "PEP-PCR-ed4-EN-2021 09 06" Supplemented by "PSR-0008-ed3.0-EN-2023 10 19"
Verifier accreditation number: VH44	Information and reference documents: www.pep-ecopassport.org
Date of issue: 2-2026	Validity period: 5 years
Independent verification of the declaration and data in compliance with ISO 14025:2006	
Internal:	External: <input checked="" type="checkbox"/>
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)	
PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019 The components of the present PEP may not be compared with components from any other program.	
Document complies with ISO 14025:2006 "Environmental labels and declarations. Type III environmental declarations"	



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

All trademarks referenced in this document are the trademarks of their respective owners.

© 2026 Trane. All Rights Reserved.

CLCH-SLB043-EN
02/28/2026