

# Energy Efficiency

Equipment and Instruments



## Laboratory Washers

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# Introduction

Thermo Fisher Scientific is committed to continuous improvement as we fulfil our Mission to **enable our customers to make the world healthier, cleaner and safer**. With environmental sustainability now a major consideration in our professional and personal lives, it has become increasingly important for the Fisher Scientific channel to provide data enabling you make the **most sustainable purchasing choices for your laboratory**.

Industrial electrical equipment represents a significant financial investment and performs an important role in your capabilities. Furthermore, it requires an ongoing supply of electricity which **impacts your scope 2 greenhouse gas emissions**. This is especially true for devices that use heat, or generate hot water and steam, and with moving parts and pumps. This equipment is designed to last for many years and so **making the correct choice is important**. Traditional factors like performance, quality, functionality, and value remain important, but this guide focuses on providing a **league table of energy efficiency**.



## Laboratory Washers

Modern design can integrate sustainability at each stage of the product life cycle

Modern washers can use 40% less water compared to older models

New models of washers can use up to 17% less energy than previous models

## What about other savings?

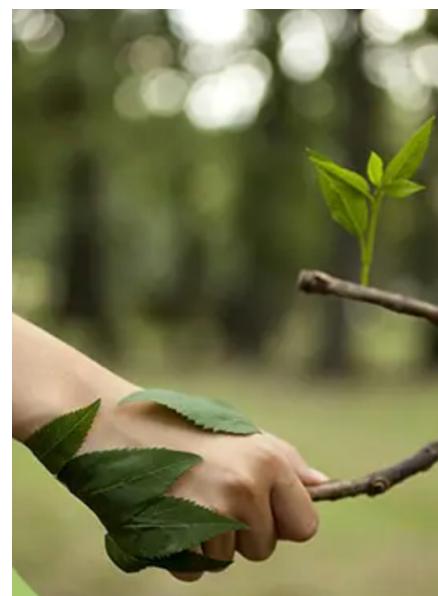
Energy efficient laboratory glassware washers reduce greenhouse gas emissions and other environmental impacts associated with energy consumption, but also offers several other advantages:

- **Lower energy bills** due to reduced electricity consumption
- **Greater reliability** due to reduced component workload
- **Reduced water use** lowering bills and conserving resources
- **Modern design** integrates serviceable, renewable and recyclable materials

# Green Solutions program

This series of Energy Efficiency guides are part of our **Green Solutions** suite of products and services designed to help laboratories across Europe **reduce the environmental impact of their operations**. Sustainable laboratory purchases are now required by scientists, investors, and funding organisations alike.

There are strong incentives to make environmentally sustainable equipment choices where possible. At Thermo Fisher we experience this challenge ourselves in our laboratories across the world and believe that making an informed choice must be supported by **convenient and clear information**. To discover all products and services available in the Green Solutions program please visit [www.eu.fishersci.com/go/green-solutions](http://www.eu.fishersci.com/go/green-solutions).



## Laboratory glassware washers

Cat No.	Manufacturer	Item Description	kWh	Program
17172322	Labconco	FlaskScrubber Vantage Washer	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17132322	Labconco	FlaskScrubber Washer, freestanding	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17152322	Labconco	FlaskScrubber Washer, freestanding	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17102322	Labconco	FlaskScrubber Washer, undercounter	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17122322	Labconco	FlaskScrubber Washer, undercounter	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17162312	Labconco	SteamScrubber Washer, freestanding	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17182312	Labconco	SteamScrubber Washer, freestanding	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17122312	Labconco	SteamScrubber Washer, undercounter	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
17142312	Labconco	SteamScrubber Washer, undercounter	1.5	Glass Plus with pre-wash, steam, wash, rinse & dry
15493863	Miele	Lab washer PG 8583	1.7	Universal
15355697	Miele	Lab washer PG 8583	1.7	Universal
16359781	Miele	Lab washer PG 8583	1.7	Universal
17349213	Miele	Lab washer PG 8583 AE-WW-AD-PD	1.7	Universal
15557270	Miele	Lab washer PG 8583 ADP LD	1.7	Universal
15567270	Miele	Lab washer PG 8583 ADP LD OIL	1.7	Universal
15460415	Miele	Lab washer PG 8583 ADP LD, ADP	1.7	Universal
15447694	Miele	Lab washer PG 8583 ADP LD, ADP	1.7	Universal
16353337	Miele	Lab washer PG 8583 AE WW AD LD with AD	1.7	Universal
17237044	Miele	Lab washer PG 8583 AE WW AD PD	1.7	Universal
17204443	Miele	Lab washer PG 8583 AE-WW-AD-LD	1.7	Universal
16881510	Miele	Lab washer PG 8583 AE-WW-AD-LD-OIL	1.7	Universal
15546165	Miele	Lab washer PG 8583 AE-WW-AD-PD	1.7	Universal
17369213	Miele	Lab washer PG 8583 AE-WW-AD-PD	1.7	Universal
17389213	Miele	Lab washer PG 8583 AE-WW-AD-PD-OIL	1.7	Universal
15787989	Miele	Lab washer PG 8583 AE-WW-ADP-LD	1.7	Universal
15514475	Miele	Lab washer PG 8583 AE-WW-ADP-PD	1.7	Universal

# Laboratory glassware washers

Cat No.	Manufacturer	Item Description	kWh	Program
15450415	Miele	Lab washer PG 8583 AE-WW-ADP-PD	1.7	Universal
17811781	Miele	Lab washer PG 8583 AE-WW-ADP-PD	1.7	Universal
17359213	Miele	Lab washer PG 8583 AE-WW-ADP-PD	1.7	Universal
17379213	Miele	Lab washer PG 8583 AE-WW-ADP-PD	1.7	Universal
15460293	Miele	Lab washer PG 8583 AE-WW-CM-AD	1.7	Universal
17542135	Miele	Lab washer PG 8583 AW WW AD LD	1.7	Universal
15385627	Miele	Lab washer PG 8583 AW WW AD LD	1.7	Universal
17867930	Miele	Lab washer PG 8583 AW WW AD LD 3NAC 400V 50Hz CH	1.7	Universal
15852167	Miele	Lab washer PG 8583 AW WW AD PD	1.7	Universal
17208446	Miele	Lab washer PG 8583 AW WW AD PD 3NAC	1.7	Universal
15499122	Miele	Lab washer PG 8583 AW-WW-AD-LD	1.7	Universal
15825627	Miele	Lab washer PG 8583 CD	1.7	Universal
15497694	Miele	Lab washer PG 8583 CD	1.7	Universal
15407704	Miele	Lab washer PG 8583 CD	1.7	Universal
17862601	Miele	Lab washer PG 8583 CD NL AE-WW-ADP-CM	1.7	Universal
16362348	Miele	Lab washer PG 8583 CD A AE-WW-AD-CM	1.7	Universal
15417704	Miele	Lab washer PG 8583 CD ADP LD OIL	1.7	Universal
15464971	Miele	Lab washer PG 8583 CD AE WW AD CM	1.7	Universal
17698745	Miele	Lab washer PG 8583 CD AE WW AD CM 3N	1.7	Universal
17606405	Miele	Lab washer PG 8583 CD AE WW AD CM OIL	1.7	Universal
17488933	Miele	Lab washer PG 8583 CD AE WW ADP CM	1.7	Universal
16299101	Miele	Lab washer PG 8583 CD AE-WW-ADP-CM	1.7	Universal
15470415	Miele	Lab washer PG 8583 CD AE-WW-ADP-CM	1.7	Universal
15811608	Miele	Lab washer PG 8583 CD AE-WW-ADP-CM	1.7	Universal
17557096	Miele	Lab washer PG 8583 CD undercounter	1.7	Universal
16513142	Miele	Lab washer PG 8583 CD WW AD CM	1.7	Universal
15471551	Miele	Lab washer PG 8583 E AE-WW-AD undercounter	1.7	Universal
15920341	Miele	Lab washer PG 8583 with AD	1.7	Universal
16371648	Miele	Lab washer PG 8583 with AD	1.7	Universal
16383277	Miele	Lab washer PG 8583 with AD	1.7	Universal
17887310	Miele	Lab washer PG 8583 WW AD LD	1.7	Universal
17395829	Miele	Lab washer PG 8583 WW AD LD OIL	1.7	Universal
17445192	Miele	Lab washer PG 8593 AD	1.7	Universal
15477694	Miele	Lab washer PG 8593 AD	1.7	Universal
17247044	Miele	Lab washer PG 8593 AE WW AD	1.7	Universal
17414342	Miele	Lab washer PG 8593 AE WW AD AC	1.7	Universal
16751362	Miele	Lab washer PG 8593 AE WW AD CM	1.7	Universal
17399213	Miele	Lab washer PG 8593 AE-WW-AD	1.7	Universal
17312840	Miele	Lab washer PG 8593 AE-WW-AD	1.7	Universal
17241117	Miele	Lab washer PG 8593 AE-WW-AD	1.7	Universal
15448681	Miele	Lab washer PG 8593 AE-WW-AD	1.7	Universal
17269119	Miele	Lab washer PG 8593 AE-WW-AD 230V	1.7	Universal
15440385	Miele	Lab washer PG 8593 AE-WW-AD DOS	1.7	Universal
15549883	Miele	Lab washer PG 8593 AE-WW-AD-CM	1.7	Universal
17321569	Miele	Lab washer PG 8593 AE-WW-AD-CM	1.7	Universal
15445894	Miele	Lab washer PG 8593 AE-WW-AD-CM	1.7	Universal

# Laboratory glassware washers

Cat No.	Manufacturer	Item Description	kWh	Program
15450385	Miele	Lab washer PG 8593 AE-WW-AD-CM DOS	1.7	Universal
15470385	Miele	Lab washer PG 8593 AE-WW-AD-OIL DOS	1.7	Universal
17393890	Miele	Lab washer PG 8593 WW AD	1.7	Universal
17735514	Miele	Lab washer PG 8593 WW AD CM	1.7	Universal
16503142	Miele	Lab washer PG 8504	1.8	Short
15427694	Miele	Lab washer PG 8504	1.8	Short
15437694	Miele	Lab washer PG 8504	1.8	Short
15723162	Miele	Lab washer PG 8504 AE AD	1.8	Short
16552492	Miele	Lab washer PG 8504 AE ADP	1.8	Short
17737668	Miele	Lab washer PG 8504 AE-ADP	1.8	Short
16388225	Miele	Lab washer PG 8504 WITH AD	1.8	Short
16339833	Miele	Lab washer PG 8504 with AD	1.8	Short
17162322	Labconco	FlaskScrubber Vantage Washer	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
16874040	Labconco	FlaskScrubber Washer, freestanding	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17142322	Labconco	FlaskScrubber Washer, freestanding	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17112322	Labconco	FlaskScrubber Washer, undercounter	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17192312	Labconco	FlaskScrubber Washer, undercounter	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17152312	Labconco	SteamScrubber Washer, freestanding	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17172312	Labconco	SteamScrubber Washer, freestanding	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17112312	Labconco	SteamScrubber Washer, undercounter	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17132312	Labconco	SteamScrubber Washer, undercounter	2.84	Glass Plus with pre-wash, steam, wash, rinse & dry
17869433	Miele	Lab washer PLW 7111	4.5	Universal Plus
16699483	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16689453	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16691744	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16699523	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16679573	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16639513	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16639593	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16629483	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16609453	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16699603	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16619563	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16332248	Miele	Large-chamber lab washer PLW 8615	7.3	Universal with drying
16689493	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16689573	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16649593	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16649513	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16639483	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16619453	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16609533	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16629563	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16609613	Miele	Large-chamber lab washer PLW 8615 CT	7.3	Universal with drying
16699573	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16689463	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16669433	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying

# Laboratory glassware washers

Cat No.	Manufacturer	Item Description	kWh	Program
16659513	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16659593	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16649483	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16629453	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16619533	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16639563	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16619613	Miele	Large-chamber lab washer PLW 8615 EL/S	7.3	Universal with drying
16699463	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16679433	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16669513	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16669593	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16659483	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16639453	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16629533	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16609583	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16649563	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16629613	Miele	Large-chamber lab washer PLW 8615 EL/S CT	7.3	Universal with drying
16689433	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16679513	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16679593	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16649453	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16639533	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16619503	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16619583	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16659563	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16639613	Miele	Large-chamber lab washer PLW 8616	7.3	Universal with drying
16699433	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16689513	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16689593	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16669483	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16659453	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16649533	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16629503	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16629583	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16669563	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16649613	Miele	Large-chamber lab washer PLW 8616 CT	7.3	Universal with drying
16699513	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16699593	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16679483	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16669453	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16659533	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16639503	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16639583	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16609443	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16679563	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying
16659613	Miele	Large-chamber lab washer PLW 8616 EL/S	7.3	Universal with drying

# Laboratory glassware washers

Cat No.	Manufacturer	Item Description	kWh	Program
16689483	Miele	Large-chamber lab washer PLW 8616 EL/S CT	7.3	Universal with drying
16669533	Miele	Large-chamber lab washer PLW 8616 EL/S CT	7.3	Universal with drying
16619443	Miele	Large-chamber lab washer PLW 8616 EL/S CT	7.3	Universal with drying
16609603	Miele	Large-chamber lab washer PLW 8616 EL/S CT	7.3	Universal with drying
16689563	Miele	Large-chamber lab washer PLW 8616 EL/S CT	7.3	Universal with drying
16669613	Miele	Large-chamber lab washer PLW 8616 EL/S CT	7.3	Universal with drying
16679453	Miele	Large-chamber lab washer PLW 8616 L/S CT	7.3	Universal with drying
16649583	Miele	Large-chamber lab washer PLW 8616 L/S CT	7.3	Universal with drying
16649503	Miele	Large-chamber lab washer PLW 8616 L/S CT	7.3	Universal with drying
16609523	Miele	Large-chamber lab washer PLW 8616 L/S CT	7.3	Universal with drying
16679533	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16659583	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16649473	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16629443	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16619523	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16619603	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16699563	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16679613	Miele	Large-chamber lab washer PLW 8617	7.3	Universal with drying
16699503	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16699583	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16669443	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16659523	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16659603	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16639493	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16629463	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16619543	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16639573	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16619623	Miele	Large-chamber lab washer PLW 8617 EL/S	7.3	Universal with drying
16689443	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16679523	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16679603	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16659493	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16649463	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16639543	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16619513	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16619593	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16659573	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16639623	Miele	Large-chamber lab washer PLW 8617 EL/S RT	7.3	Universal with drying
16699533	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16679503	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16679583	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16649443	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16639523	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16639603	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16619493	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16609463	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying

# Laboratory glassware washers

Cat No.	Manufacturer	Item Description	kWh	Program
16699613	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16619573	Miele	Large-chamber lab washer PLW 8617 RT	7.3	Universal with drying
16699473	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16679443	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16669523	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16669603	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16649493	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16639463	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16629543	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16609593	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16649573	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16629623	Miele	Large-chamber lab washer PLW 8617 EL/S TH	7.5	Universal with drying
16699443	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16689523	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16669493	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16659463	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16649543	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16629513	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16629593	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16619483	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16689603	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16669573	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16649623	Miele	Large-chamber lab washer PLW 8617 EL/S TH RT	7.5	Universal with drying
16699453	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16689533	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16669583	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16659473	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16639443	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16629523	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16629603	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16609493	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16689613	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16609573	Miele	Large-chamber lab washer PLW 8617 TH	7.5	Universal with drying
16689583	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16679473	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16659443	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16649603	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16649523	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16629493	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16619463	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16609543	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16629573	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying
16609623	Miele	Large-chamber lab washer PLW 8617 TH RT	7.5	Universal with drying



## Alternative wash programs for Laboratory glassware washers

In the table below, some of the previous laboratory washers are re-listed with an alternative wash Program. The energy consumption below is typically higher because these Programs are providing additional functionality, for example longer cycle time or optional drying cycle.

Cat No.	Manufacturer	Item Description	kWh	Program
15460293	Miele	Lab washer PG 8583 AE-WW-CM-AD	2.4	Universal with drying
15825627	Miele	Lab washer PG 8583 CD	2.4	Universal with drying
15497694	Miele	Lab washer PG 8583 CD	2.4	Universal with drying
15407704	Miele	Lab washer PG 8583 CD	2.4	Universal with drying
17862601	Miele	Lab washer PG 8583 CD NL AE-WW-ADP-CM	2.4	Universal with drying
16362348	Miele	Lab washer PG 8583 CD A AE-WW-AD-CM	2.4	Universal with drying
15417704	Miele	Lab washer PG 8583 CD ADP LD OIL	2.4	Universal with drying
15464971	Miele	Lab washer PG 8583 CD AE WW AD CM	2.4	Universal with drying
17698745	Miele	Lab washer PG 8583 CD AE WW AD CM 3N	2.4	Universal with drying
17606405	Miele	Lab washer PG 8583 CD AE WW AD CM OIL	2.4	Universal with drying
17488933	Miele	Lab washer PG 8583 CD AE WW ADP CM	2.4	Universal with drying
16299101	Miele	Lab washer PG 8583 CD AE-WW-ADP-CM	2.4	Universal with drying
15470415	Miele	Lab washer PG 8583 CD AE-WW-ADP-CM	2.4	Universal with drying
15811608	Miele	Lab washer PG 8583 CD AE-WW-ADP-CM	2.4	Universal with drying
17557096	Miele	Lab washer PG 8583 CD undercounter	2.4	Universal with drying
16513142	Miele	Lab washer PG 8583 CD WW AD CM	2.4	Universal with drying
17445192	Miele	Lab washer PG 8593 AD	2.4	Universal with drying
15477694	Miele	Lab washer PG 8593 AD	2.4	Universal with drying
17247044	Miele	Lab washer PG 8593 AE WW AD	2.4	Universal with drying
17414342	Miele	Lab washer PG 8593 AE WW AD AC	2.4	Universal with drying
16751362	Miele	Lab washer PG 8593 AE WW AD CM	2.4	Universal with drying
17399213	Miele	Lab washer PG 8593 AE-WW-AD	2.4	Universal with drying
17312840	Miele	Lab washer PG 8593 AE-WW-AD	2.4	Universal with drying
17241117	Miele	Lab washer PG 8593 AE-WW-AD	2.4	Universal with drying
15448681	Miele	Lab washer PG 8593 AE-WW-AD	2.4	Universal with drying
17269119	Miele	Lab washer PG 8593 AE-WW-AD 230V	2.4	Universal with drying
15440385	Miele	Lab washer PG 8593 AE-WW-AD DOS	2.4	Universal with drying
15549883	Miele	Lab washer PG 8593 AE-WW-AD-CM	2.4	Universal with drying
17321569	Miele	Lab washer PG 8593 AE-WW-AD-CM	2.4	Universal with drying
15445894	Miele	Lab washer PG 8593 AE-WW-AD-CM	2.4	Universal with drying
15450385	Miele	Lab washer PG 8593 AE-WW-AD-CM DOS	2.4	Universal with drying
15470385	Miele	Lab washer PG 8593 AE-WW-AD-OIL DOS	2.4	Universal with drying
17393890	Miele	Lab washer PG 8593 WW AD	2.4	Universal with drying
17735514	Miele	Lab washer PG 8593 WW AD CM	2.4	Universal with drying
16503142	Miele	Lab washer PG 8504	1.9	Medium
15427694	Miele	Lab washer PG 8504	1.9	Medium
15437694	Miele	Lab washer PG 8504	1.9	Medium
15723162	Miele	Lab washer PG 8504 AE AD	1.9	Medium
16552492	Miele	Lab washer PG 8504 AE ADP	1.9	Medium
17737668	Miele	Lab washer PG 8504 AE-ADP	1.9	Medium
16388225	Miele	Lab washer PG 8504 WITH AD	1.9	Medium
16339833	Miele	Lab washer PG 8504 with AD	1.9	Medium

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Equipment and Instruments



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