






# High Temperature Undercounter

Warewashing  
Chemical Guide



All machines have built-in chemical pumps. Ideally both a liquid detergent and rinse aid should be used.

## Detergent

					
ITEM NUMBER	147MTSFLQ2HG / 147METSFLQ5G	147POWERSAFE50	147PWRLIQ1G / 147PWRLIQ2HG	147RESOLUTN	146AUTODET1G
PRODUCT	Aluminum Safe	Power Safe	Power Liquid	Resolution	Automatic Warewashing Detergent
DETAILS	Metal Safe Concentrated Detergent	Concentrated Metal-Safe Detergent Powder	Concentrated Detergent	Concentrated Heavy-Duty Detergent	Concentrated Detergent
FEATURES	<ul style="list-style-type: none"><li>Safe for use on aluminum and other soft metals</li></ul>	<ul style="list-style-type: none"><li>Safe to use on aluminum, pewter, and other soft metals</li><li>Long-lasting &amp; powerful</li></ul>	<ul style="list-style-type: none"><li>Heavy-duty</li><li>Streak-free shine</li></ul>	<ul style="list-style-type: none"><li>Heavy-duty</li><li>Removes grease &amp; food stains</li></ul>	<ul style="list-style-type: none"><li>Washes away food soils and grease from dishware</li></ul>
SIZES AVAILABLE	2.5 Gallon / 5 Gallon	5 Gallon	1 Gallon / 2.5 Gallon	2.5 Gallon	1 Gallon
SAFE FOR SOFT METALS (ALUMINUM, PEWTER, OR GOLD)	✓	✓	✗	✗	✗
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✓	✗	✓	✓	✓

## Rinse Aid

				
ITEM NUMBER	147DRYPLUS1G / 147DRYPLUS5G	147DRYITHD1G / 147DRYITHD5G	147DRYLFM5G	147TDSRINSE1G
PRODUCT	Dry It Plus	Dry It H.D.	Dry It LF	TDS Rinse
DETAILS	Concentrated High Temp Rinse Aid	Concentrated Hard Water Rinse Aid	Concentrated Low Foaming Rinse Aid	Concentrated High Solids Rinse Aid
FEATURES	<ul style="list-style-type: none"><li>Rapid sheeting for a spot-free shine</li></ul>	<ul style="list-style-type: none"><li>Rapid sheeting for a spot-free shine</li></ul>	<ul style="list-style-type: none"><li>Spot-free drying</li><li>High performance defoaming rinse agent</li></ul>	<ul style="list-style-type: none"><li>Spot-free shine in high solid environment</li><li>Speeds up drying times</li></ul>
SIZES AVAILABLE	1 Gallon / 5 Gallon	1 Gallon / 5 Gallon	5 Gallon	1 Gallon
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓
TO BE USED IN HARD WATER	✗	✓	✓	✓

## Sanitizer

No additional chemicals are needed to sanitize in high temperature machines.  
The final rinse temperature of 180°F effectively kills bacteria.


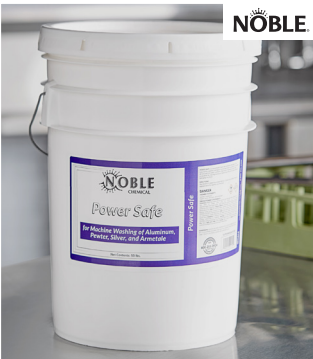



# High Temperature Door-Type with Built-in Pumps

Warewashing Chemical Guide



All machines have built-in chemical pumps. Ideally both a liquid detergent and rinse aid should be used.

## Detergent

					
ITEM NUMBER	147MTSFLQ2HG / 147METSFLQ5G	147POWERSAFE50	147PWRLIQ1G / 147PWRLIQ2HG	147RESOLUTN	146AUTODET1G
PRODUCT	Aluminum Safe	Power Safe	Power Liquid	Resolution	Automatic Warewashing Detergent
DETAILS	Metal Safe Concentrated Detergent	Concentrated Metal-Safe Powder Detergent	Concentrated Detergent	Concentrated Heavy-Duty Detergent	Concentrated Detergent
FEATURES	<ul style="list-style-type: none"><li>Safe for use on aluminum and other soft metals</li></ul>	<ul style="list-style-type: none"><li>Safe to use on aluminum, pewter, and other soft metals</li><li>Long-lasting &amp; powerful</li></ul>	<ul style="list-style-type: none"><li>Heavy-duty</li><li>Streak-free shine</li></ul>	<ul style="list-style-type: none"><li>Heavy-duty</li><li>Removes grease &amp; food stains</li></ul>	<ul style="list-style-type: none"><li>Washes away food soils and grease from dishware</li></ul>
SIZES AVAILABLE	2.5 Gallon / 5 Gallon	5 Gallon	1 Gallon / 2.5 Gallon	2.5 Gallon	1 Gallon
SAFE FOR SOFT METALS (ALUMINUM, PEWTER, OR GOLD)	✓	✓	✗	✗	✗
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✓	✗	✓	✓	✓

## Rinse Aid

				
ITEM NUMBER	147DRYPLUS1G / 147DRYPLUS5G	147DRYITHD1G / 147DRYITHD5G	147DRYLFM5G	147TDSRINSE1G
PRODUCT	Dry It Plus	Dry It H.D.	Dry It LF	TDS Rinse
DETAILS	Concentrated High Temp Rinse Aid	Concentrated Hard Water Rinse Aid	Concentrated Low Foaming Rinse Aid	Concentrated High Solids Rinse Aid
FEATURES	<ul style="list-style-type: none"><li>Rapid sheeting for a spot-free shine</li></ul>	<ul style="list-style-type: none"><li>Rapid sheeting for a spot-free shine</li></ul>	<ul style="list-style-type: none"><li>Spot-free drying</li><li>High performance defoaming rinse agent</li></ul>	<ul style="list-style-type: none"><li>Spot-free shine in high solid environment</li><li>Speeds up drying times</li></ul>
SIZES AVAILABLE	1 Gallon / 5 Gallon	1 Gallon / 5 Gallon	5 Gallon	1 Gallon
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓
TO BE USED IN HARD WATER	✗	✓	✓	✓

## Sanitizer

No additional chemicals are needed to sanitize in high temperature machines. The final rinse temperature of 180°F effectively kills bacteria.




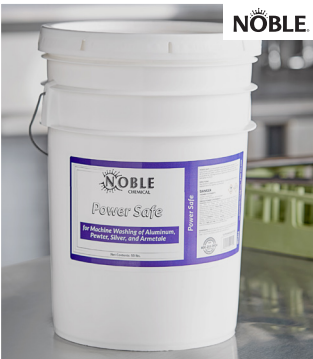



# High Temperature Door-Type with External Pumps

Warewashing Chemical Guide



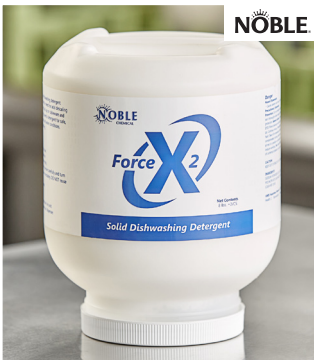




All machines ideally use both a liquid OR solid detergent and rinse aid.

## Liquid Detergent

					
ITEM NUMBER	147MTSFLQ2HG / 147METSFLQ5G	147POWERSAFE50	147PWRLIQ1G / 147PWRLIQ2HG	147RESOLUTN	146AUTODET1G
PRODUCT	Aluminum Safe	Power Safe	Power Liquid	Resolution	Automatic Warewashing Detergent
DETAILS	Metal Safe Concentrated Detergent	Concentrated Metal-Safe Powder Detergent	Concentrated Detergent	Concentrated Heavy-Duty Detergent	Concentrated Detergent
FEATURES	<ul style="list-style-type: none"><li>Safe for use on aluminum and other soft metals</li></ul>	<ul style="list-style-type: none"><li>Safe to use on aluminum, pewter, and other soft metals</li><li>Long-lasting &amp; powerful</li></ul>	<ul style="list-style-type: none"><li>Heavy-duty</li><li>Streak-free shine</li></ul>	<ul style="list-style-type: none"><li>Heavy-duty</li><li>Removes grease &amp; food stains</li></ul>	<ul style="list-style-type: none"><li>Washes away food soils and grease from dishware</li></ul>
SIZES AVAILABLE	2.5 Gallon / 5 Gallon	5 Gallon	1 Gallon / 2.5 Gallon	2.5 Gallon	1 Gallon
SAFE FOR SOFT METALS (ALUMINUM, PEWTER, OR GOLD)	✓	✓	✗	✗	✗
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✓	✗	✓	✓	✓

## Solid Detergent

					
ITEM NUMBER	147POWERGREN	147SAFEBLOCK	147FORCEX2	147ACCLAIM	147POWERBLCK
PRODUCT	Power Green	Safe Block	Force X2	Acclaim	Power Block
DETAILS	Concentrated Phosphate-Free Detergent	Metal Safe Concentrated Detergent	Concentrated Heavy-Duty Detergent	Concentrated Heavy-Duty Detergent	Concentrated Phosphate-Free Detergent
FEATURES	<ul style="list-style-type: none"><li>Tough on food soils</li><li>Safer Choice Certified</li></ul>	<ul style="list-style-type: none"><li>Safe for use on aluminum and other soft metals</li></ul>	<ul style="list-style-type: none"><li>General use</li><li>Built-in descaling agent removes film buildup</li></ul>	<ul style="list-style-type: none"><li>General use</li><li>Built-in descaling agent removes film buildup</li></ul>	<ul style="list-style-type: none"><li>Phosphate-free</li><li>Gives glassware a long-lasting shine</li></ul>
SIZES AVAILABLE	8 lb. (128 oz.)	8 lb. (128 oz.)	8 lb. (128 oz.)	8 lb. (128 oz.)	8 lb. (128 oz.)
SAFE FOR SOFT METALS (ALUMINUM, PEWTER, OR GOLD)	✓	✓	✗	✗	✗
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✓	✓	✓	✓	✓

NOTE: External solid bowl chemical dispenser may be needed to use solid detergents.

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# High Temperature Door-Type

with External Pumps

Warewashing  
Chemical Guide



All machines ideally use both a liquid OR solid detergent and rinse aid.

## Rinse Aid

					
ITEM NUMBER	147DRYPLUS1G / 147DRYPLUS5G	147DRYITHD1G / 147DRYITHD5G	147DRYLFM5G	147TDSRINSE1G	147DRYITSL5
PRODUCT	Dry It Plus	Dry It H.D.	Dry It LF	TDS Rinse	Dry It Solid
DETAILS	Concentrated High Temp Rinse Aid	Concentrated Hard Water Rinse Aid	Concentrated Low Foaming Rinse Aid	Concentrated High Solids Rinse Aid	Concentrated Solid Rinse Aid
FEATURES	<ul style="list-style-type: none"><li>▪ Rapid sheeting for a spot- free shine</li></ul>	<ul style="list-style-type: none"><li>▪ Rapid sheeting for a spot- free shine</li></ul>	<ul style="list-style-type: none"><li>▪ Spot-free drying</li><li>▪ High performance defoaming rinse agent</li></ul>	<ul style="list-style-type: none"><li>▪ Spot-free shine in high solid environment</li><li>▪ Speeds up drying times</li></ul>	<ul style="list-style-type: none"><li>▪ Spot-free shine in high solid environment</li><li>▪ Speeds up drying times</li></ul>
SIZES AVAILABLE	1 Gallon / 5 Gallon	1 Gallon / 5 Gallon	5 Gallon	1 Gallon	5 lb. (80 oz.)
TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✗	✓	✓	✓	✗

NOTE: External solid bowl chemical dispenser may be needed to use solid detergents.

## Sanitizer

No additional chemicals are needed to sanitize in high temperature machines.  
The final rinse temperature of 180°F effectively kills bacteria.



# High Temperature Conveyor


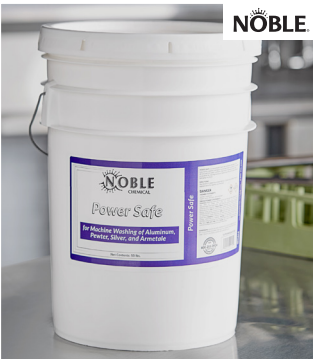



## with External Pumps

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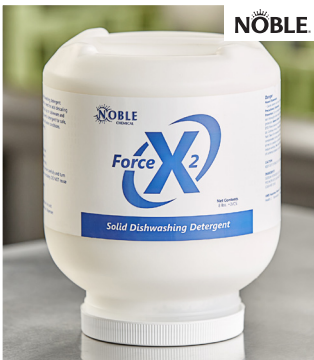




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TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
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### Solid Detergent

					
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FEATURES	<ul style="list-style-type: none"><li>Tough on food soils</li><li>Safer Choice Certified</li></ul>	<ul style="list-style-type: none"><li>Safe for use on aluminum and other soft metals</li></ul>	<ul style="list-style-type: none"><li>General use</li><li>Built-in descaling agent removes film buildup</li></ul>	<ul style="list-style-type: none"><li>General use</li><li>Built-in descaling agent removes film buildup</li></ul>	<ul style="list-style-type: none"><li>Phosphate-free</li><li>Gives glassware a long-lasting shine</li></ul>
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TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✓	✓	✓	✓	✓

# High Temperature Conveyor

## with External Pumps

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All machines ideally use both a liquid OR solid detergent and rinse aid.

### Rinse Aid

					
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FEATURES	<ul style="list-style-type: none"><li>▪ Rapid sheeting for a spot- free shine</li></ul>	<ul style="list-style-type: none"><li>▪ Rapid sheeting for a spot- free shine</li></ul>	<ul style="list-style-type: none"><li>▪ Spot-free drying</li><li>▪ High performance defoaming rinse agent</li></ul>	<ul style="list-style-type: none"><li>▪ Spot-free shine in high solid environment</li><li>▪ Speeds up drying times</li></ul>	<ul style="list-style-type: none"><li>▪ Spot-free shine in high solid environment</li><li>▪ Speeds up drying times</li></ul>
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TO BE USED IN SOFT/MEDIUM WATER	✓	✓	✓	✓	✓
TO BE USED IN HARD WATER	✗	✓	✓	✓	✗

NOTE: External solid bowl chemical dispenser may be needed to use solid detergents.

### Sanitizer

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