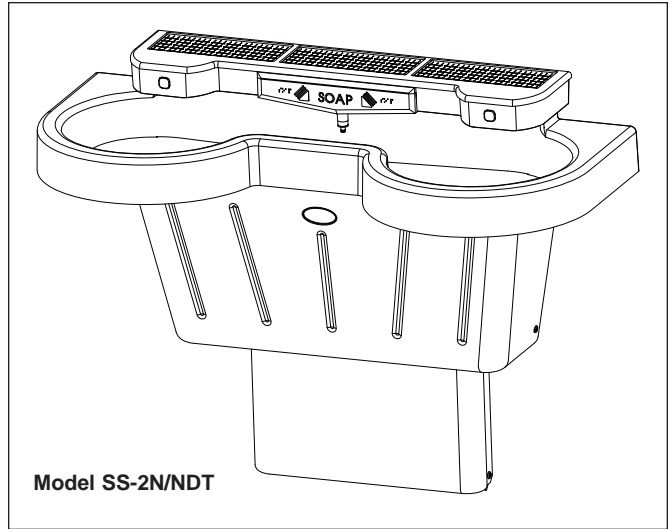


- Environmentally Friendly
- Light Powered
- No Batteries
- Reduced Maintenance Costs
- Available on Express Lavatory Systems – SS and MG Series
- Provides Years of Reliable Operation
- Economical
- Requires a Minimum of 400 lux (37 fc)
- GreenSpec® Listed



Specifications

ndite retrofit kits offer a cost effective and easy way to upgrade existing SS and MG series Express Lavatory systems to ndite technology. These kits offer all the parts needed to perform the upgrade. This includes a new sprayhead, sensors, valve assembly, and Photovoltaic array. ndite retrofit kits are a cost effective solution to changing batteries.

ndite technology harnesses the energy of light to power a lavatory system. Photovoltaic cells embedded in the top of the sprayhead of a two- or three-station Express Lavatory System (SS and MG Series), provides this by converting light to energy. These cells provide power to a proprietary power storage and management system. The power is then distributed to the sensors and solenoid to activate the flow of water as needed.

The photovoltaic cells are permanently embedded in the top of the sprayhead with a clear version of Terreon® solid surface material. This provides a high level of vandal resistance and years of trouble free operation. This material can be cleaned with normal cleaning processes and is repairable if damaged.

The ndite power management module is proprietary unit that stores and provides power to the sensors and solenoid. This efficient module allows the system to work without batteries, eliminating the need to change or dispose of batteries.

Each ndite-powered sensor uses a conical-shaped transmitting beam, having a detection area adapted to, but not exceeding the bowl perimeter. The detection area projects forward 15° to each side and 15° below horizontal. The adaptive infrared sensor automatically adapts to the bowl after power is turned on. The electronically activated solenoid valve has few moving parts providing reliable operation that is unaffected by most chemicals and minerals often present in municipal water supplies. Each lavatory system is powered by one ndite power management module.

Operation

ndite technology requires a minimum of light to operate. The initial charge time and number of activations per day will determine what light level is needed. Overall the system needs 400 lux of illumination to operate.

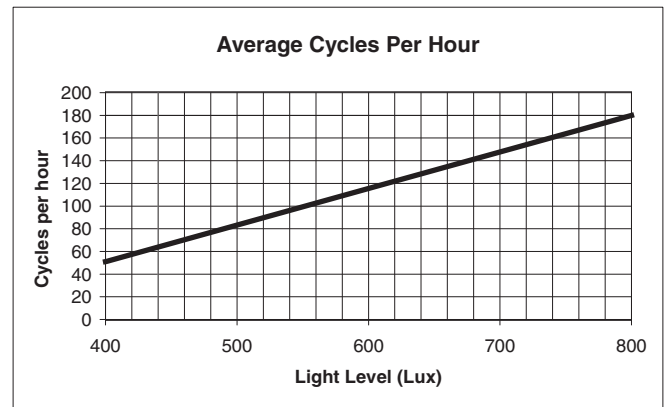
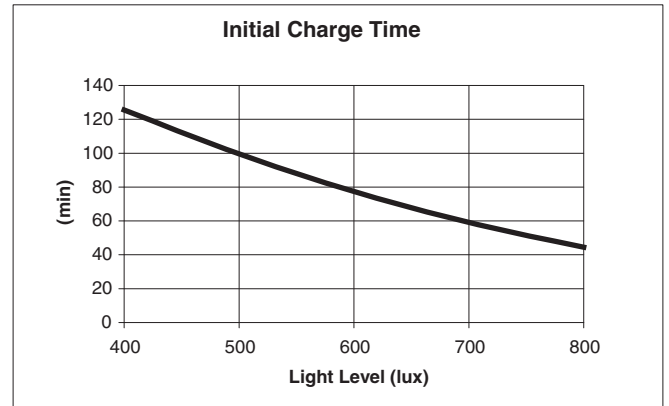
After installation the system will require an initial charge time to become operational. Charge time will vary based on the light level. After this the system will function normally and be available for use anytime there is light present in the room. If there is no light present in the room, the system goes into a power-saving mode and will become operational instantly when the lights turn on. In this power-saving mode the system will remain ready to use for up to five days. If the system is left in the dark for five days it will require time to recharge.

Operating Conditions

To ensure years of reliable operation, the following site requirements must be met:

- Illumination on the top of the fixture: 400 LUX (37 foot candles)
- Timeout for automatic lighting: 15-minute delay minimum

The initial charge time and the average number of cycles per hour are illustrated on the graphs shown.



**Express® Lavatory System — SS-Series
ndite Retrofit Kits**

Model (Must select one)	
<input type="checkbox"/> SS-2N-SPYD-ASSY	Express® — SS-Series Two-Station ndite Retrofit Kit
<input type="checkbox"/> SS-3N-SPYD-ASSY	Express® — SS-Series Three-Station ndite Retrofit Kit
Standard Selections (Must select one from each category)	
Sprayhead	
<input type="checkbox"/> NDT	Sprayhead w/ndite™ Powered Infrared Control*
Soap Dispenser (select one)	
<input type="checkbox"/> LSD-2	Liquid Soap Dispenser (SS-2N)
<input type="checkbox"/> LSD-3	Liquid Soap Dispenser (SS-3N)
<input type="checkbox"/> NSD	No Soap Dispenser
Water Supply (select one)	
<input type="checkbox"/> TMA	Vernatherm™ Thermostatic Mixing Assembly (Hot & Cold Supplies)
<input type="checkbox"/> TL	Single Tempered Line
Retrofit (select one)	
<input type="checkbox"/> RETRO-FIT	Retrofit Kit
Color of Terreon Bowl/Sprayhead Cover (select one)	
<i>Standard Colors</i>	
<input type="checkbox"/> E-GRAY	Empire Gray
<input type="checkbox"/> BONE	Mesa Bone
<input type="checkbox"/> PEP-WHT	Peppered White
<input type="checkbox"/> SAND	Sandtrap
<input type="checkbox"/> DS-WHT	Designer White
<input type="checkbox"/> CHAR	Charcoal Gray
<input type="checkbox"/> JADE	Jade
<input type="checkbox"/> GRAPH	Graphite
<input type="checkbox"/> LANNON	Lannonstone
<input type="checkbox"/> COBBLE	Cobblestone
<input type="checkbox"/> WHT-SAND	White Sand
<input type="checkbox"/> FIESTA	Fiesta
<input type="checkbox"/> LONDON	London Gray
<input type="checkbox"/> O-TAUPE	Organic Taupe
<i>Designer Colors* (available at an additional charge)</i>	
<input type="checkbox"/> ARC-CHIP	Arctic Chip
<input type="checkbox"/> S-SAGE	Summer Sage
<input type="checkbox"/> RIVER	Riverstone
<input type="checkbox"/> MYSTIC-M	Mystic Moss
<input type="checkbox"/> STAR-D	Stardust
<input type="checkbox"/> COFFEE	Coffee Bean
<input type="checkbox"/> CORN	Cornfield
<input type="checkbox"/> BLUESKY	Blue Sky
<input type="checkbox"/> HILLSIDE	Hill Side
<input type="checkbox"/> MOUNTAIN	Mountain Top
Color of Access Panel/Sprayhead Body (select one)	
<input type="checkbox"/> GRAY	Gray
<input type="checkbox"/> COAL	Coal
<input type="checkbox"/> PUTTY	Putty

*Non-cancelable, not-returnable

**Express® Lavatory System — MG-Series
ndite Retrofit Kits**

Model (Must select one)	
<input type="checkbox"/> MG-2-SPYD-ASSY	Express® — MG-Series Two-Station ndite Retrofit Kit
<input type="checkbox"/> MG-3-SPYD-ASSY	Express® — MG-Series Three-Station ndite Retrofit Kit
Standard Selections (Must select one from each category)	
Sprayhead	
<input type="checkbox"/> NDT	Sprayhead w/ndite™ Powered Infrared Control*
Soap Dispenser (select one)	
<input type="checkbox"/> LSD-2	Liquid Soap Dispenser (MG-2)
<input type="checkbox"/> LSD-3	Liquid Soap Dispenser (MG-3)
<input type="checkbox"/> NSD	No Soap Dispenser
Water Supply (select one)	
<input type="checkbox"/> TMA	Vernatherm™ Thermostatic Mixing Assembly (Hot & Cold Supplies)
<input type="checkbox"/> TL	Single Tempered Line
Retrofit (select one)	
<input type="checkbox"/> RETRO-FIT	Retrofit Kit
Color of Terreon Bowl/Sprayhead Cover (select one)	
<i>Standard Colors</i>	
<input type="checkbox"/> E-GRAY	Empire Gray
<input type="checkbox"/> BONE	Mesa Bone
<input type="checkbox"/> PEP-WHT	Peppered White
<input type="checkbox"/> SAND	Sandtrap
<input type="checkbox"/> DS-WHT	Designer White
<input type="checkbox"/> CHAR	Charcoal Gray
<input type="checkbox"/> JADE	Jade
<input type="checkbox"/> GRAPH	Graphite
<input type="checkbox"/> LANNON	Lannonstone
<input type="checkbox"/> COBBLE	Cobblestone
<input type="checkbox"/> WHT-SAND	White Sand
<input type="checkbox"/> FIESTA	Fiesta
<input type="checkbox"/> LONDON	London Gray
<input type="checkbox"/> O-TAUPE	Organic Taupe
<i>Designer Colors* (available at an additional charge)</i>	
<input type="checkbox"/> ARC-CHIP	Arctic Chip
<input type="checkbox"/> S-SAGE	Summer Sage
<input type="checkbox"/> RIVER	Riverstone
<input type="checkbox"/> MYSTIC-M	Mystic Moss
<input type="checkbox"/> STAR-D	Stardust
<input type="checkbox"/> COFFEE	Coffee Bean
<input type="checkbox"/> CORN	Cornfield
<input type="checkbox"/> BLUESKY	Blue Sky
<input type="checkbox"/> HILLSIDE	Hill Side
<input type="checkbox"/> MOUNTAIN	Mountain Top

*Non-cancelable, not-returnable