



SIL 12

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ultraviolet germicidal irradiation improves and maintains the quality of the air and cleanliness of the coils. UVC sterilization of cooling coils is so effective that the local authorities recommended to use in the projects. SPC proprietary Ultraviolet lamps produce the same UV wavelengths as the sun. UVC (germicidal 254 nm) and UVV (oxidizing 187 nm) wavelengths are produced using pure fused quartz glass that are combined into one single UV lamp/emitter.

AHU coil cleaning can be difficult, time consuming and expensive. SPC UVC lamps eliminate the need for manual and chemical cleaning of coils, significantly reducing HVAC maintenance costs.

TECHNICAL DATA

Item Code	SPCSIL12
"B" Base face to face length (mm)	405±3
"C" Length of lamp (mm)	338
Base connector	4 Pin
Weight (kg) approx.	2.0
No. of lamps and ballast	1
Lamp size	T5

FEATURES:

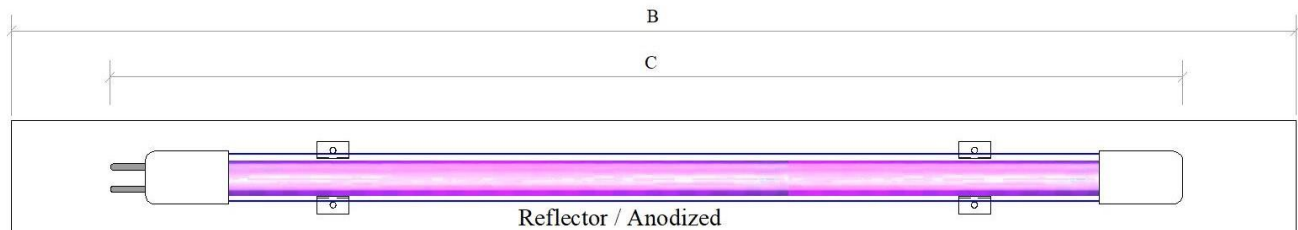
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.
- ✓ High output ballast with 0.9 efficiency.
- ✓ Ballast Class P1 (for outdoor use) 158 9F (maximum)

ELECTRICAL DATA

Item Code	SPCSIL12
Wattage(W)	26
Current (mA)	114
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	1A

OTHER INFORMATION

Installation must comply with the SPC IOM. The SPC ARBE /SIL system is compiled with the UL Certification.





UV LAMP

PRODUCT DESCRIPTION

UV light is very versatile and can be used for disinfecting and destroying harmful microorganisms. With UV technology it is possible to destroy more than 99.99% of all pathogens within seconds without using chemicals, and is therefore an efficient, economic and particularly environmentally friendly process.

UV LAMPS – TECHNICAL DATA

Lamp Code	UVL165AHNU
"A" Total Length (mm)	338
"B" Base face to face length (mm)	330±3
"C" Diameter (mm) C	15
Wavelength (nm)	253.7
Base connector	4 Pin
Weight (kg) approx.	0.058
Compatibility	SIL 12 / ARBE 12
Average Life (Hours)	12000

UV LAMPS – ELECTRICAL DATA

Lamp Code	UVL165AHNU
Wattage(W)	26
Current (mA)	114
Voltage / Hz	230 Volt / 50 - 60Hz

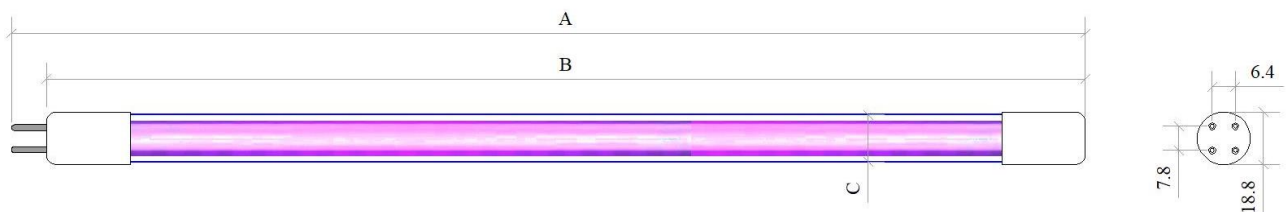


FEATURES

- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

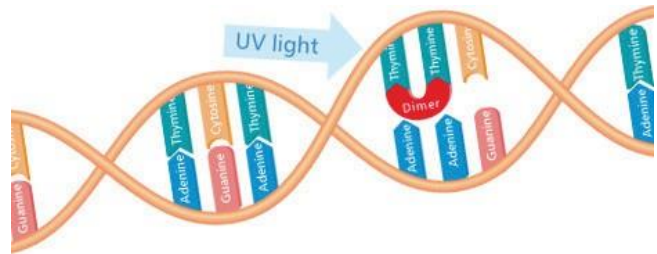
FILTRATION

Ultra Violet light is an energy rich light that has a wavelength of 200-400 nanometers (nm). To enable the UV disinfection to work effectively it is important that air is filtered to a suitable level prior to passing through the UV unit.

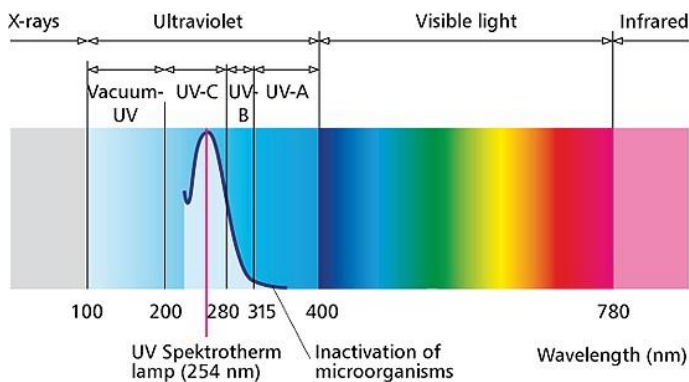




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore loses its pathogenic effect.



UV LIGHT SPECTRUM



DNA strand showing how UV light changes the make-up of the cell.

REPLACEMENT LAMPS

To maintain the effectiveness of the UV unit, the bulb needs to be replaced. Please contact us at info@occglobal.com for a replacement.

© 2024 Oasis Coils and Coatings LLC. All rights reserved. This document contains proprietary information that is the property of Oasis Coils and Coatings LLC. Unauthorized use, reproduction, or distribution of this document or any of its contents is prohibited without prior written consent from Oasis Coils and Coatings LLC.



SIL 18

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ultraviolet germicidal irradiation improves and maintains the quality of the air and cleanliness of the coils. UVC sterilization of cooling coils is so effective that the local authorities recommended to use in the projects. SPC proprietary Ultraviolet lamps produce the same UV wavelengths as the sun. UVC (germicidal 254 nm) and UVV (oxidizing 187 nm) wavelengths are produced using pure fused quartz glass that are combined into one single UV lamp/emitter.

AHU coil cleaning can be difficult, time consuming and expensive. SPC UVC lamps eliminate the need for manual and chemical cleaning of coils, significantly reducing HVAC maintenance costs.

TECHNICAL DATA

Item Code	SPCSIL18
"B" Base face to face length (mm)	510±3
"C" Length of lamp (mm)	449
Base connector	4 Pin
Weight (kg) approx.	2.8
No. of lamps and ballast	1
Lamp size	T5

FEATURES:

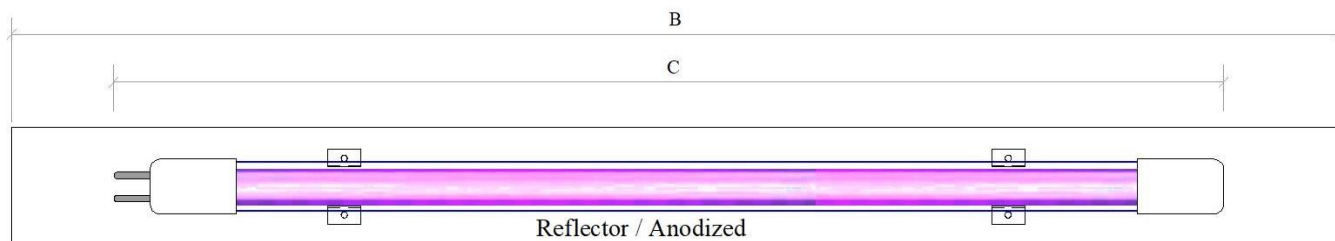
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.
- ✓ High output ballast with 0.9 efficiency.
- ✓ Ballast Class P1 (for outdoor use) 158 °F (maximum)

ELECTRICAL DATA

Item Code	SPCSIL18
Wattage(W)	36
Current (mA)	158
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	1A

OTHER INFORMATION

Installation must comply with the SPC IOM. The SPC ARBE /SIL system is compiled with the UL Certification.





UV LAMP

PRODUCT DESCRIPTION

UV light is very versatile and can be used for disinfecting and destroying harmful microorganisms. With UV technology it is possible to destroy more than 99.99% of all pathogens within seconds without using chemicals, and is therefore an efficient, economic and particularly environmentally friendly process.

UV LAMPS – TECHNICAL DATA

Lamp Code	UVL221AHNU
"A" Total Length (mm)	449
"B" Base face to face length (mm)	441±3 mm
"C" Diameter (mm) C	15
Wavelength (nm)	253.7
Base connector	4 Pin
Weight (kg) approx.	0.074
Compatibility	SIL 18 / ARBE 18
Average Life (Hours)	12000

UV LAMPS – ELECTRICAL DATA

Lamp Code	UVL221AHNU
Wattage(W)	36
Current (mA)	158
Voltage / Hz	230 Volt / 50 - 60Hz

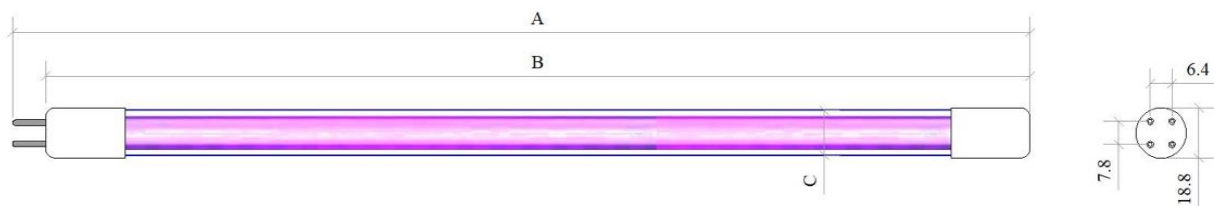


FEATURES

- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

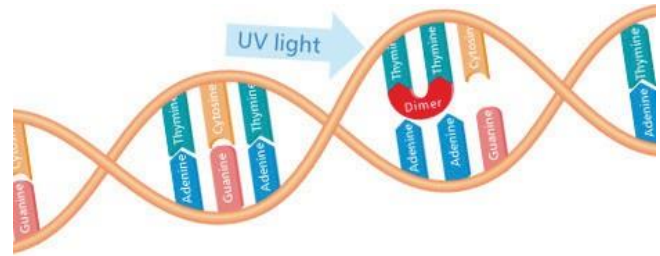
FILTRATION

Ultra Violet light is an energy rich light that has a wavelength of 200-400 nanometers (nm). To enable the UV disinfection to work effectively it is important that air is filtered to a suitable level prior to passing through the UV unit.

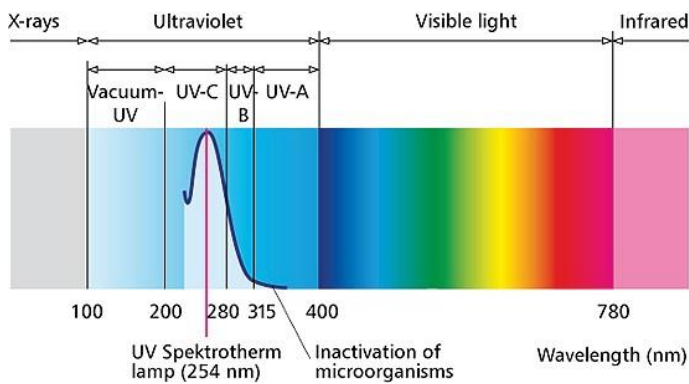




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore loses its pathogenic effect.



UV LIGHT SPECTRUM



DNA strand showing how UV light changes the make-up of the cell.

REPLACEMENT LAMPS

To maintain the effectiveness of the UV unit, the bulb needs to be replaced. Please contact us at info@occglobal.com for a replacement.

© 2024 Oasis Coils and Coatings LLC. All rights reserved. This document contains proprietary information that is the property of Oasis Coils and Coatings LLC. Unauthorized use, reproduction, or distribution of this document or any of its contents is prohibited without prior written consent from Oasis Coils and Coatings LLC.



Oasis Coils & Coatings

+971 4 340 9595
info@occglobal.com
www.occglobal.com



SIL 24

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ultraviolet germicidal irradiation improves and maintains the quality of the air and cleanliness of the coils. UVC sterilization of cooling coils is so effective that the local authorities recommended to use in the projects. SPC proprietary Ultraviolet lamps produce the same UV wavelengths as the sun. UVC (germicidal 254 nm) and UVV (oxidizing 187 nm) wavelengths are produced using pure fused quartz glass that are combined into one single UV lamp/emitter.

AHU coil cleaning can be difficult, time consuming and expensive. SPC UVC lamps eliminate the need for manual and chemical cleaning of coils, significantly reducing HVAC maintenance costs.

TECHNICAL DATA

Item Code	SPCSIL24
"B" Base face to face length (mm)	685±3
"C" Length of lamp (mm)	617
Base connector	4 Pin
Weight (kg) approx.	3.5
No. of lamps and ballast	1
Lamp size	T5

FEATURES:

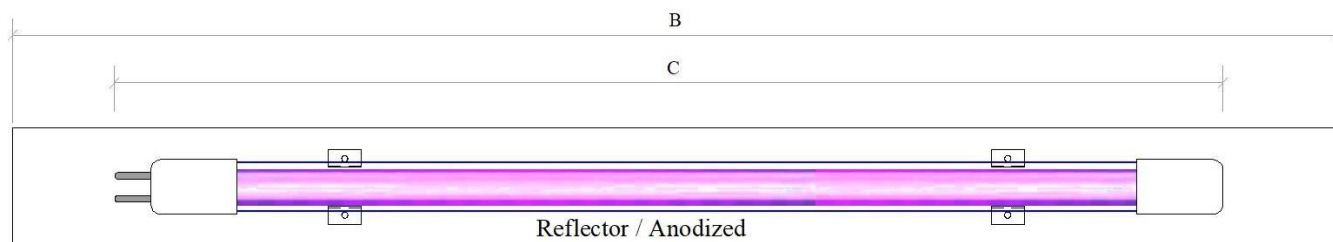
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.
- ✓ High output ballast with 0.9 efficiency.
- ✓ Ballast Class P1 (for outdoor use) 158 9F (maximum)

ELECTRICAL DATA

Item Code	SPCSIL24
Wattage(W)	48
Current (mA)	215
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	1A

OTHER INFORMATION

Installation must comply with the SPC IOM. The SPC ARBE /SIL system is compiled with the UL Certification.





UV LAMP

PRODUCT DESCRIPTION

UV light is very versatile and can be used for disinfecting and destroying harmful microorganisms. With UV technology it is possible to destroy more than 99.99% of all pathogens within seconds without using chemicals, and is therefore an efficient, economic and particularly environmentally friendly process.

UV LAMPS – TECHNICAL DATA

Lamp Code	UVL305AHNU
"A" Total Length (mm)	617
"B" Base face to face length (mm)	609±3
"C" Diameter (mm) C	15
Wavelength (nm)	253.7
Base connector	4 Pin
Weight (kg) approx.	0.089
Compatibility	SIL 24 / ARBE 24
Average Life (Hours)	12000

UV LAMPS – ELECTRICAL DATA

Lamp Code	UVL305AHNU
Wattage(W)	48
Current (mA)	215
Voltage / Hz	230 Volt / 50 - 60Hz

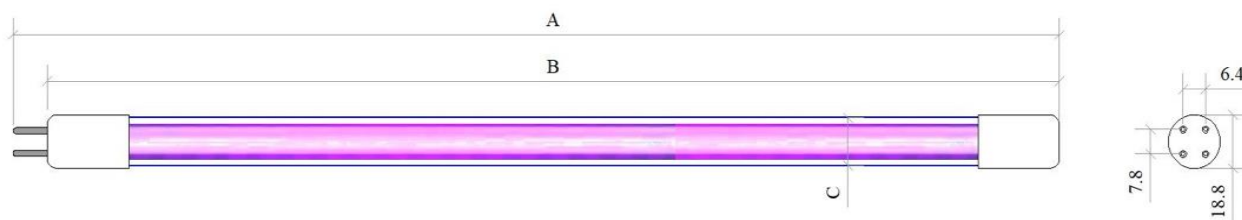


FEATURES

- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

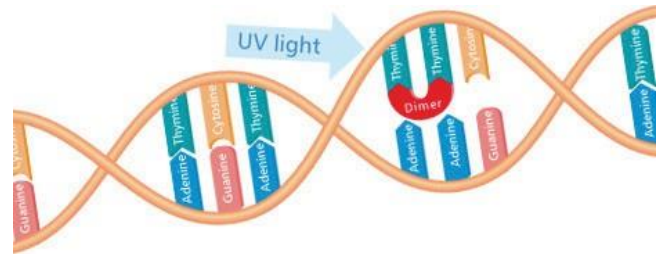
FILTRATION

Ultra Violet light is an energy rich light that has a wavelength of 200-400 nanometers (nm). To enable the UV disinfection to work effectively it is important that air is filtered to a suitable level prior to passing through the UV unit.

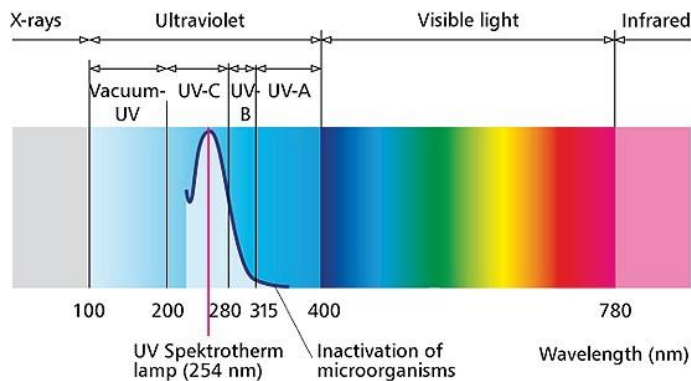




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore loses its pathogenic effect.



UV LIGHT SPECTRUM



DNA strand showing how UV light changes the make-up of the cell.

REPLACEMENT LAMPS

To maintain the effectiveness of the UV unit, the bulb needs to be replaced. Please contact us at info@occglobal.com for a replacement.

© 2024 Oasis Coils and Coatings LLC. All rights reserved. This document contains proprietary information that is the property of Oasis Coils and Coatings LLC. Unauthorized use, reproduction, or distribution of this document or any of its contents is prohibited without prior written consent from Oasis Coils and Coatings LLC.



Oasis Coils & Coatings



+971 4 340 9595



info@occglobal.com



www.occglobal.com



SIL 36

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ultraviolet germicidal irradiation improves and maintains the quality of the air and cleanliness of the coils. UVC sterilization of cooling coils is so effective that the local authorities recommended to use in the projects. SPC proprietary Ultraviolet lamps produce the same UV wavelengths as the sun. UVC (germicidal 254 nm) and UVV (oxidizing 187 nm) wavelengths are produced using pure fused quartz glass that are combined into one single UV lamp/emitter.

AHU coil cleaning can be difficult, time consuming and expensive. SPC UVC lamps eliminate the need for manual and chemical cleaning of coils, significantly reducing HVAC maintenance costs.

FEATURES:

- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.
- ✓ High output ballast with 0.9 efficiency.
- ✓ Ballast Class P1 (for outdoor use) 158 °F (maximum)

ELECTRICAL DATA

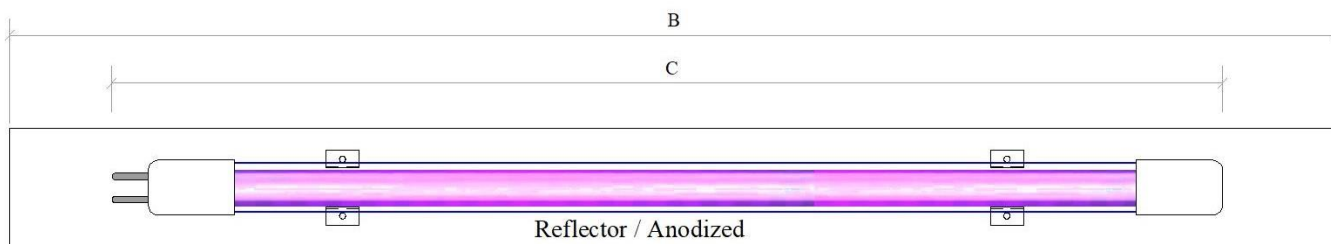
Item Code	SPCSIL36
Wattage(W)	63
Current (mA)	267
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	1A

TECHNICAL DATA

Item Code	SPCSIL36
"B" Base face to face length (mm)	915±3
"C" Length of lamp (mm)	855
Base connector	4 Pin
Weight (kg) approx.	4.5
No. of lamps and ballast	1
Lamp size	T5

OTHER INFORMATION

Installation must comply with the SPC IOM.
The SPC ARBE /SIL system is compiled with the UL Certification.





UV LAMP

PRODUCT DESCRIPTION

UV light is very versatile and can be used for disinfecting and destroying harmful microorganisms. With UV technology it is possible to destroy more than 99.99% of all pathogens within seconds without using chemicals, and is therefore an efficient, economic and particularly environmentally friendly process.

UV LAMPS – TECHNICAL DATA

Lamp Code	UVL424AHNU
"A" Total Length (mm)	855
"B" Base face to face length (mm)	847±3
"C" Diameter (mm) C	15
Wavelength (nm)	253.7
Base connector	4 Pin
Weight (kg) approx.	0.113
Compatibility	SIL 36 / ARBE 36
Average Life (Hours)	12000

UV LAMPS – ELECTRICAL DATA

Lamp Code	UVL424AHNU
Wattage(W)	63
Current (mA)	267
Voltage / Hz	230 Volt / 50 - 60Hz

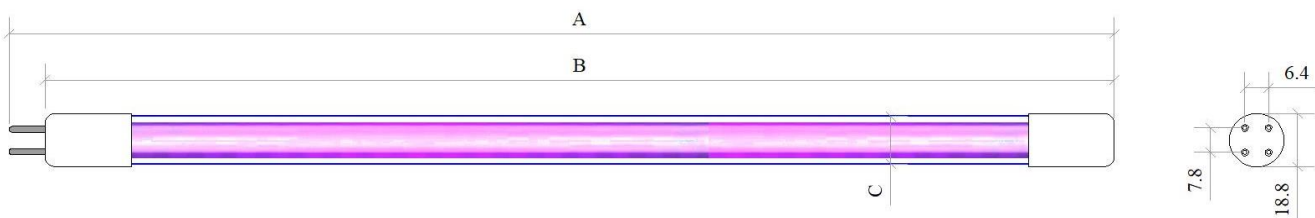


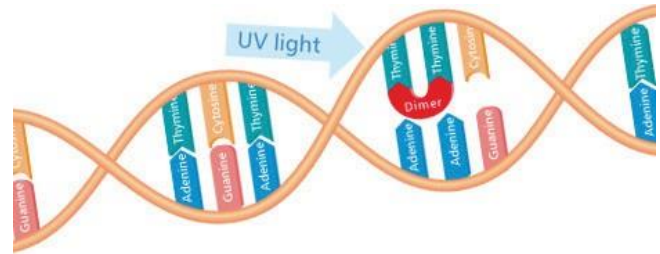
FEATURES

- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

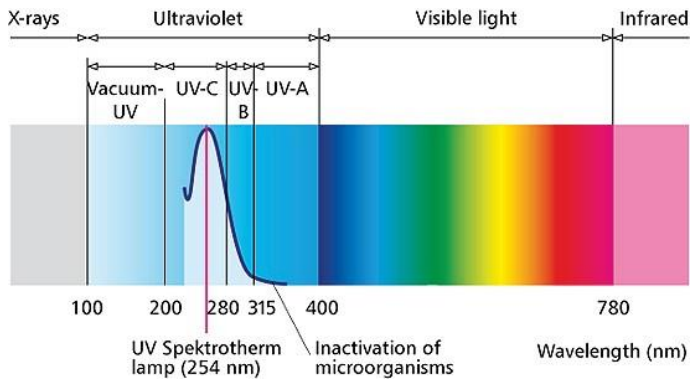
FILTRATION

Ultra Violet light is an energy rich light that has a wavelength of 200-400 nanometers (nm). To enable the UV disinfection to work effectively it is important that air is filtered to a suitable level prior to passing through the UV unit.





UV LIGHT SPECTRUM



DNA strand showing how UV light changes the make-up of the cell.

REPLACEMENT LAMPS

To maintain the effectiveness of the UV unit, the bulb needs to be replaced. Please contact us at info@occglob.com for a replacement.

© 2024 Oasis Coils and Coatings LLC. All rights reserved. This document contains proprietary information that is the property of Oasis Coils and Coatings LLC. Unauthorized use, reproduction, or distribution of this document or any of its contents is prohibited without prior written consent from Oasis Coils and Coatings LLC.



Oasis Coils & Coatings



+971 4 340 9595



info@occglobal.com



www.occglobal.com



SIL 48

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ultraviolet germicidal irradiation improves and maintains the quality of the air and cleanliness of the coils. UVC sterilization of cooling coils is so effective that the local authorities recommended to use in the projects. SPC proprietary Ultraviolet lamps produce the same UV wavelengths as the sun. UVC (germicidal 254 nm) and UVV (oxidizing 187 nm) wavelengths are produced using pure fused quartz glass that are combined into one single UV lamp/emitter.

AHU coil cleaning can be difficult, time consuming and expensive. SPC UVC lamps eliminate the need for manual and chemical cleaning of coils, significantly reducing HVAC maintenance costs.

TECHNICAL DATA

Item Code	SPCSIL48
"B" Base face to face length (mm)	1270±3
"C" Length of lamp (mm)	1205
Base connector	4 Pin
Weight (kg) approx.	5.2
No. of lamps and ballast	1
Lamp size	T5

FEATURES:

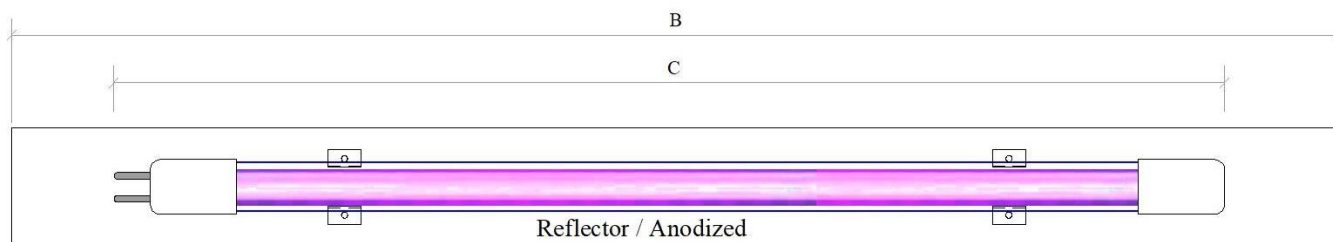
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.
- ✓ High output ballast with 0.9 efficiency.
- ✓ Ballast Class P1 (for outdoor use) 158 9F (maximum)

ELECTRICAL DATA

Item Code	SPCSIL48
Wattage(W)	83
Current (mA)	370
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	1A

OTHER INFORMATION

Installation must comply with the SPC IOM. The SPC ARBE/SIL system is compiled with the UL Certification.





UV LAMP

PRODUCT DESCRIPTION

UV light is very versatile and can be used for disinfecting and destroying harmful microorganisms. With UV technology it is possible to destroy more than 99.99% of all pathogens within seconds without using chemicals, and is therefore an efficient, economic and particularly environmentally friendly process.

UV LAMPS – TECHNICAL DATA

Lamp Code	UVL597AHNU
"A" Total Length (mm)	1205
"B" Base face to face length (mm)	1194±3
"C" Diameter (mm) C	15
Wavelength (nm)	253.7
Base connector	4 Pin
Weight (kg) approx.	0.153
Compatibility	SIL 48 / ARBE 48
Average Life (Hours)	12000

UV LAMPS – ELECTRICAL DATA

Lamp Code	UVL597AHNU
Wattage(W)	83
Current (mA)	370
Voltage / Hz	230 Volt / 50 - 60Hz

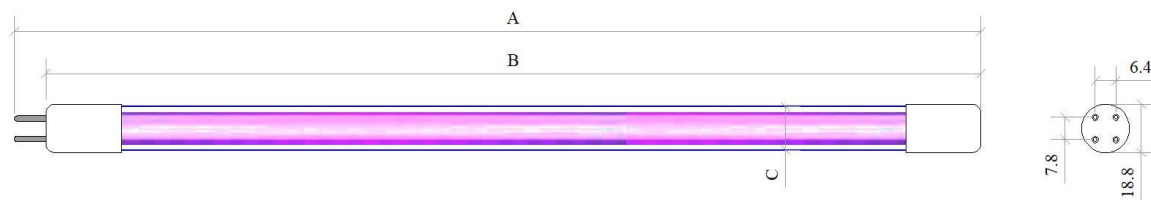


FEATURES

- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

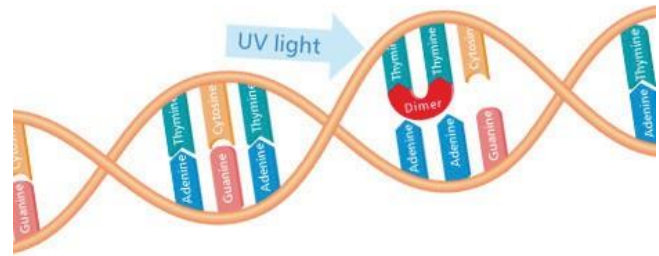
FILTRATION

Ultra Violet light is an energy rich light that has a wavelength of 200-400 nanometers (nm). To enable the UV disinfection to work effectively it is important that air is filtered to a suitable level prior to passing through the UV unit.

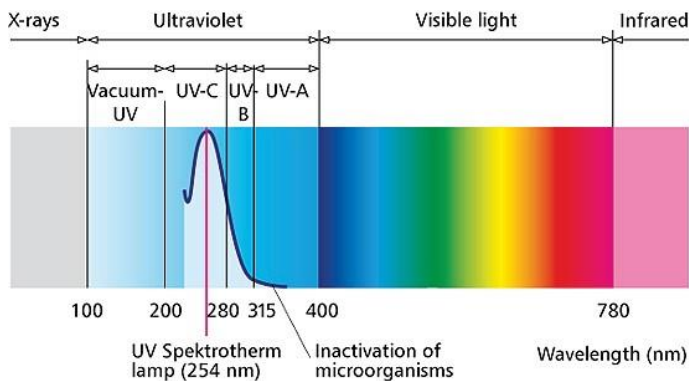




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore loses its pathogenic effect.



UV LIGHT SPECTRUM



DNA strand showing how UV light changes the make-up of the cell.

REPLACEMENT LAMPS

To maintain the effectiveness of the UV unit, the bulb needs to be replaced. Please contact us at info@occglobal.com for a replacement.

© 2024 Oasis Coils and Coatings LLC. All rights reserved. This document contains proprietary information that is the property of Oasis Coils and Coatings LLC. Unauthorized use, reproduction, or distribution of this document or any of its contents is prohibited without prior written consent from Oasis Coils and Coatings LLC.



Oasis Coils & Coatings



+971 4 340 9595



info@occglobal.com



www.occglobal.com



SIL 64

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

Ultraviolet germicidal irradiation improves and maintains the quality of the air and cleanliness of the coils. UVC sterilization of cooling coils is so effective that the local authorities recommended to use in the projects. SPC proprietary Ultraviolet lamps produce the same UV wavelengths as the sun. UVC (germicidal 254 nm) and UVV (oxidizing 187 nm) wavelengths are produced using pure fused quartz glass that are combined into one single UV lamp/emitter.

AHU coil cleaning can be difficult, time consuming and expensive. SPC UVC lamps eliminate the need for manual and chemical cleaning of coils, significantly reducing HVAC maintenance costs.

TECHNICAL DATA

Item Code	SPCSIL64
"B" Base face to face length (mm)	1625±3
"C" Length of lamp (mm)	1570
Base connector	4 Pin
Weight (kg) approx.	6.0
No. of lamps and ballast	1
Lamp size	T5

FEATURES:

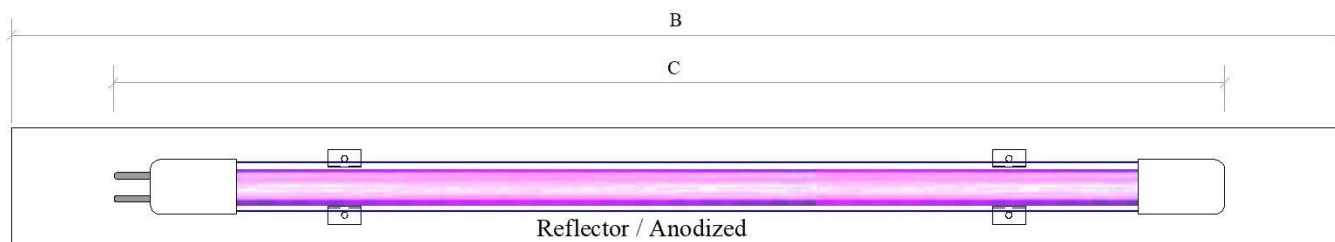
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.
- ✓ High output ballast with 0.9 efficiency.
- ✓ Ballast Class P1 (for outdoor use) 158 9F (maximum)

ELECTRICAL DATA

Item Code	SPCSIL64
Wattage(W)	108
Current (mA)	473
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	1A

OTHER INFORMATION

Installation must comply with the SPC IOM. The SPC ARBE /SIL system is compiled with the UL Certification.





UV LAMP

PRODUCT DESCRIPTION

UV light is very versatile and can be used for disinfecting and destroying harmful microorganisms. With UV technology it is possible to destroy more than 99.99% of all pathogens within seconds without using chemicals, and is therefore an efficient, economic and particularly environmentally friendly process.

UV LAMPS – TECHNICAL DATA

Lamp Code	UVL775AHNU
"A" Total Length (mm)	1570
"B" Base face to face length (mm)	1150±3
"C" Diameter (mm) C	15
Wavelength (nm)	253.7
Base connector	4 Pin
Weight (kg) approx.	0.187
Compatibility	SIL 64 / ARBE 64
Average Life (Hours)	12000

UV LAMPS – ELECTRICAL DATA

Lamp Code	UVL775AHNU
Wattage(W)	108
Current (mA)	473
Voltage / Hz	230 Volt / 50 - 60Hz

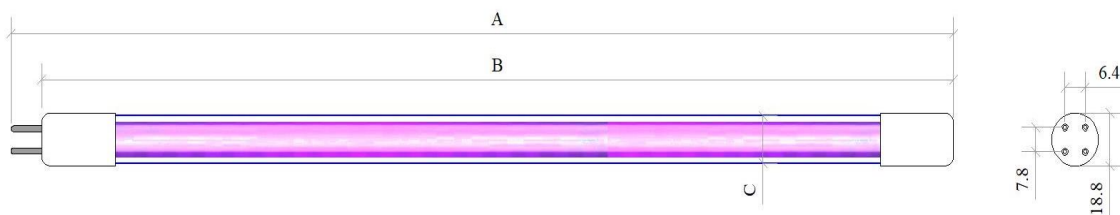


FEATURES

- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

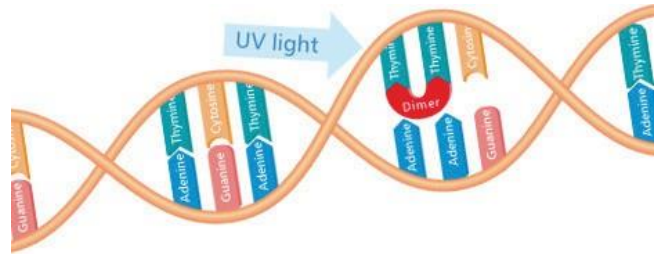
FILTRATION

Ultra Violet light is an energy rich light that has a wavelength of 200-400 nanometers (nm). To enable the UV disinfection to work effectively it is important that air is filtered to a suitable level prior to passing through the UV unit.

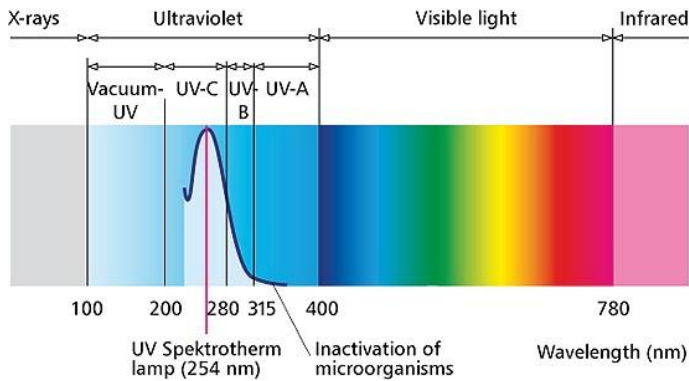




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore loses its pathogenic effect.



UV LIGHT SPECTRUM



DNA strand showing how UV light changes the make-up of the cell.

REPLACEMENT LAMPS

To maintain the effectiveness of the UV unit, the bulb needs to be replaced. Please contact us at info@occglobal.com for a replacement.

© 2024 Oasis Coils and Coatings LLC. All rights reserved. This document contains proprietary information that is the property of Oasis Coils and Coatings LLC. Unauthorized use, reproduction, or distribution of this document or any of its contents is prohibited without prior written consent from Oasis Coils and Coatings LLC.