



ARBE 12

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The SPC ARBE series of UV Lamps are designed to destroy biological and chemical contaminants such as mold, bacteria, VOCs and odors that may be transmitted through the HVAC Ventilation system. SPC ARBE UV is installed in the Duct of the HVAC system or inside Air Handling unit treating the air passing through the ductwork. The actual percentage of destruction obtained is based on the ducts, percentage of fresh air, velocity, number of passes and the specific contaminants to be treated. Depending on these variables, more than one UV SPC ARBE may be required.

TECHNICAL DATA

Item Code	SPCARBE12
"A" Total Length (mm)	465±3
"B" Base face to face length (mm)	406.5±3
"C" Length of lamp (mm)	338
Base connector	4 Pin
Weight (kg) approx.	2.0
No. of lamps and ballast	4
Lamp size	T5

FEATURES:

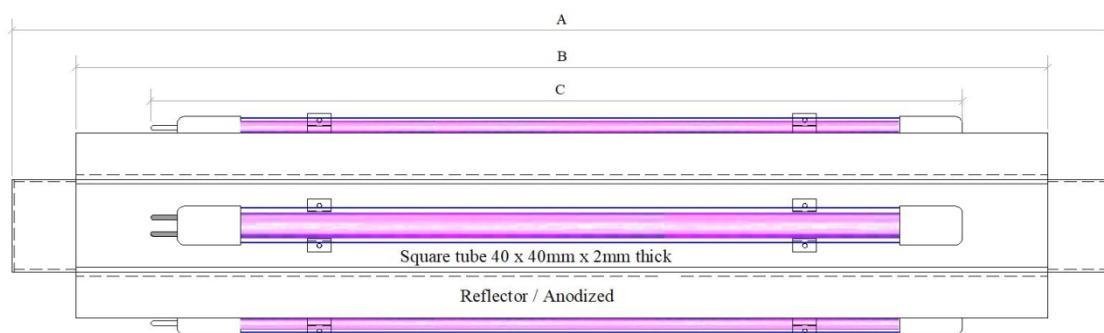
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output, long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.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

ELECTRICAL DATA

Item Code	SPCARBE12
Wattage(W)	26 x 4
Current (mA)	114 x 4
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	4A

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

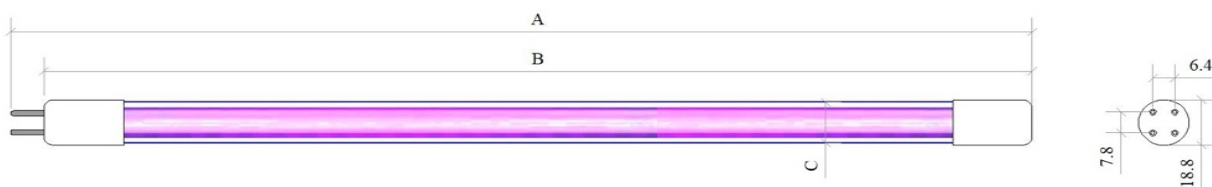


FILTRATION

FEATURES

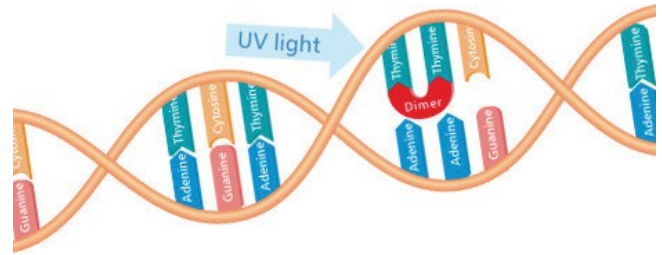
- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

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.

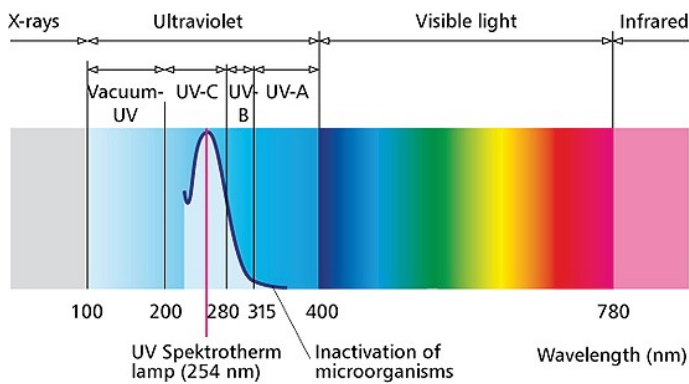




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore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

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ARBE 18

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The SPC ARBE series of UV Lamps are designed to destroy biological and chemical contaminants such as mold, bacteria, VOCs and odors that may be transmitted through the HVAC Ventilation system. SPC ARBE UV is installed in the Duct of the HVAC system or inside Air Handling unit treating the air passing through the ductwork. The actual percentage of destruction obtained is based on the ducts, percentage of fresh air, velocity, number of passes and the specific contaminants to be treated. Depending on these variables, more than one UV SPC ARBE may be required.

TECHNICAL DATA

Item Code	SPCARBE18
"A" Total Length (mm)	565±3
"B" Base face to face length (mm)	508±3
"C" Length of lamp (mm)	449
Base connector	4 Pin
Weight (kg) approx.	2.8
No. of lamps and ballast	4
Lamp size	T5

FEATURES:

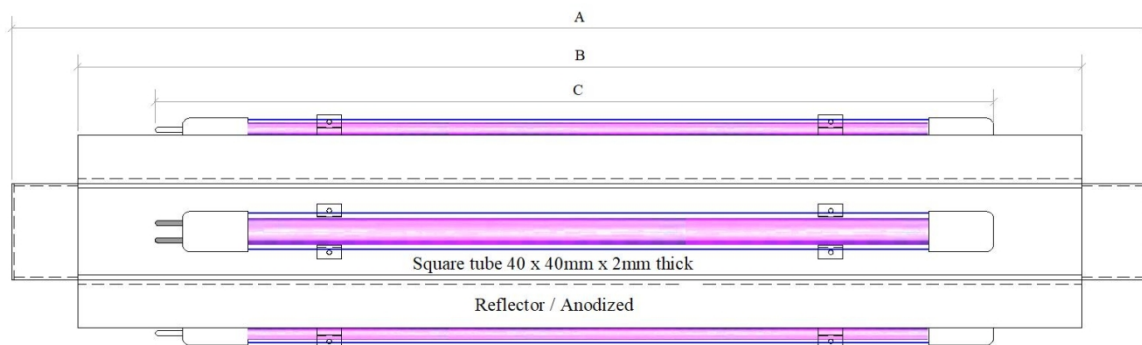
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output , long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.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

ELECTRICAL DATA

Item Code	SPCARBE18
Wattage(W)	36 x 4
Current (mA)	158 x 4
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	4A

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

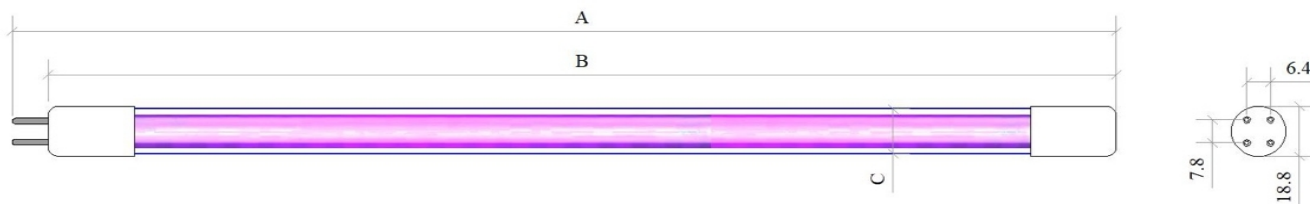


FILTRATION

FEATURES

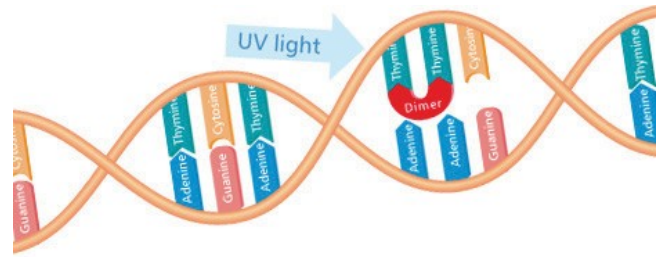
- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

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.

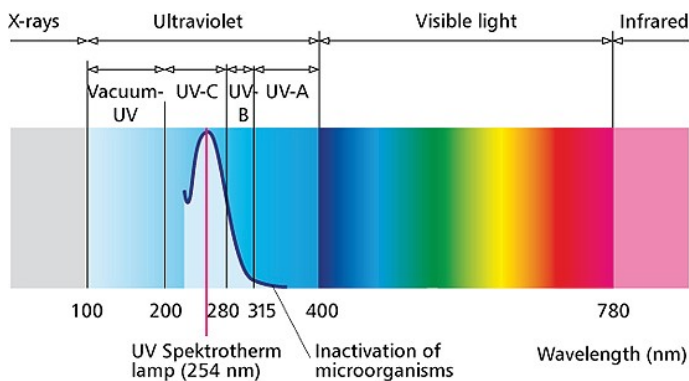




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore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

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ARBE 24

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The SPC ARBE series of UV Lamps are designed to destroy biological and chemical contaminants such as mold, bacteria, VOCs and odors that may be transmitted through the HVAC Ventilation system. SPC ARBE UV is installed in the Duct of the HVAC system or inside Air Handling unit treating the air passing through the ductwork. The actual percentage of destruction obtained is based on the ducts, percentage of fresh air, velocity, number of passes and the specific contaminants to be treated. Depending on these variables, more than one UV SPC ARBE may be required.

TECHNICAL DATA

Item Code	SPCARBE24
"A" Total Length (mm)	745±3
"B" Base face to face length (mm)	686±3
"C" Length of lamp (mm)	617
Base connector	4 Pin
Weight (kg) approx.	3.5
No. of lamps and ballast	4
Lamp size	T5

FEATURES:

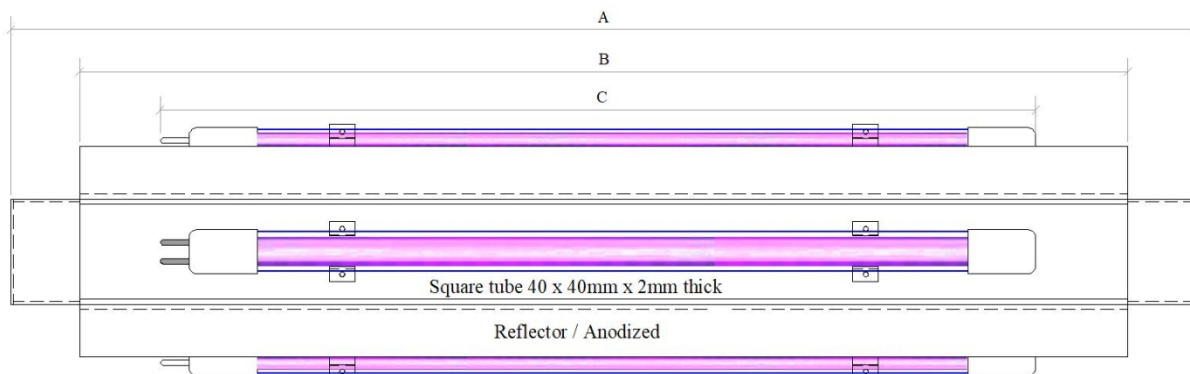
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output, long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.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

ELECTRICAL DATA

Item Code	SPCARBE24
Wattage(W)	48 x 4
Current (mA)	215 x 4
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	4A

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

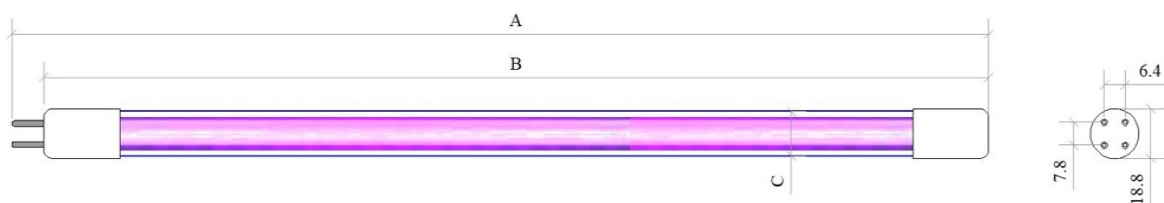


FILTRATION

FEATURES

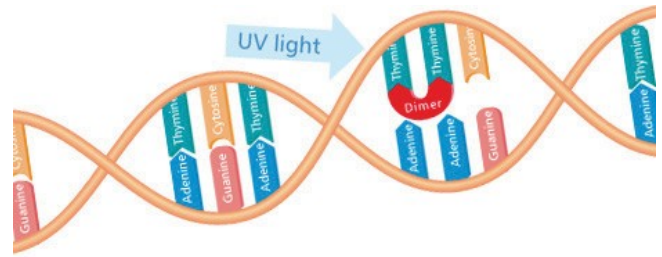
- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

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.

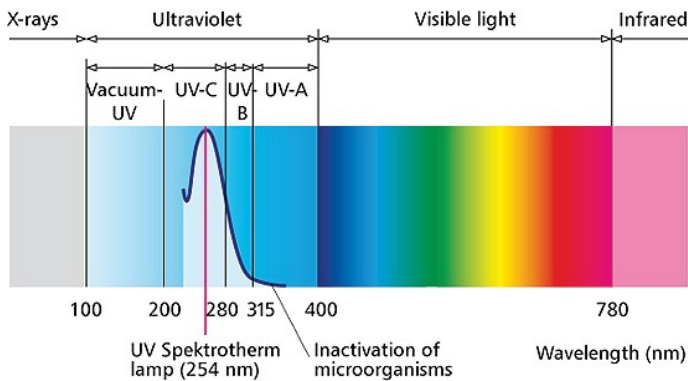




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore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

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ARBE 36

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The SPC ARBE series of UV Lamps are designed to destroy biological and chemical contaminants such as mold, bacteria, VOCs and odors that may be transmitted through the HVAC Ventilation system. SPC ARBE UV is installed in the Duct of the HVAC system or inside Air Handling unit treating the air passing through the ductwork. The actual percentage of destruction obtained is based on the ducts, percentage of fresh air, velocity, number of passes and the specific contaminants to be treated. Depending on these variables, more than one UV SPC ARBE may be required.

TECHNICAL DATA

Item Code	SPCARBE36
"A" Total Length (mm)	965±3
"B" Base face to face length (mm)	914.5±3
"C" Length of lamp (mm)	855
Base connector	4 Pin
Weight (kg) approx.	4.5
No. of lamps and ballast	4
Lamp size	T5

FEATURES:

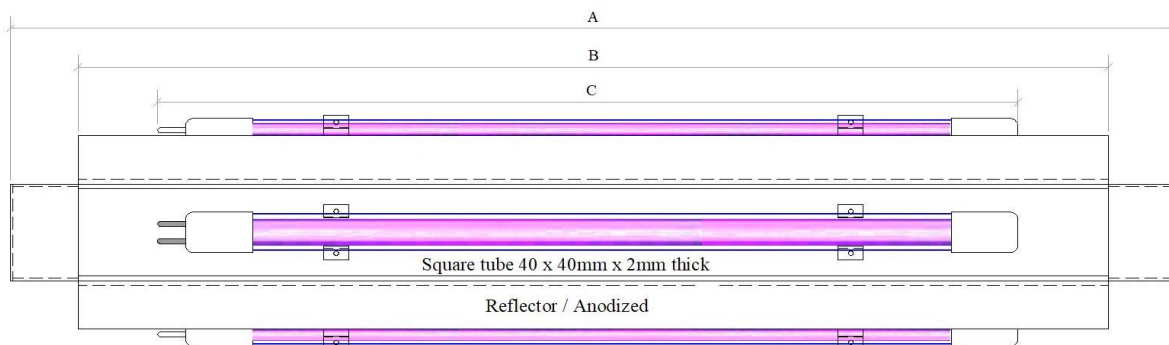
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output, long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.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

ELECTRICAL DATA

Item Code	SPCARBE36
Wattage(W)	63 x 4
Current (mA)	267 x 4
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	4A

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

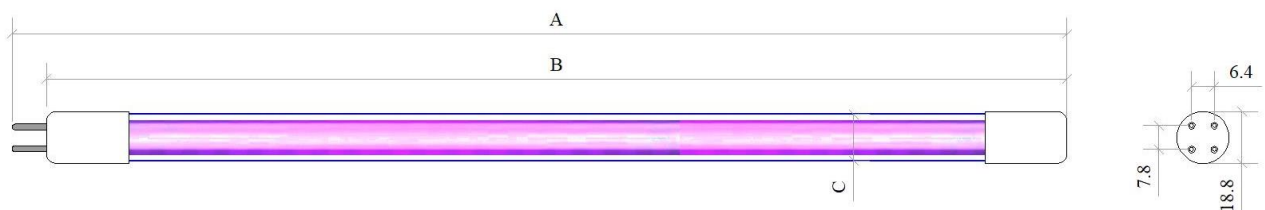


FILTRATION

FEATURES

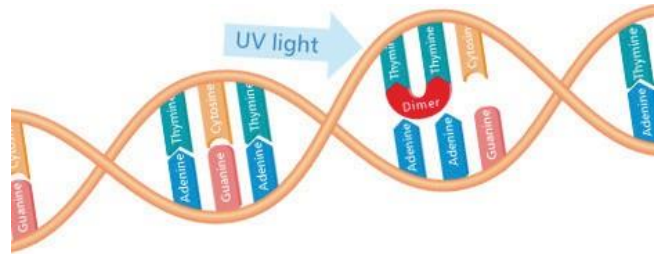
- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

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.

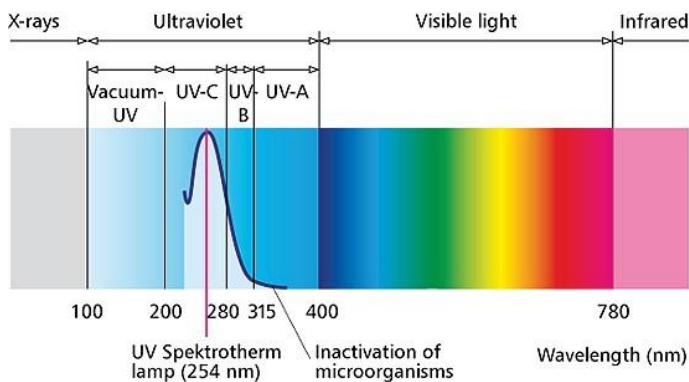




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore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

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ARBE 48

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The SPC ARBE series of UV Lamps are designed to destroy biological and chemical contaminants such as mold, bacteria, VOCs and odors that may be transmitted through the HVAC Ventilation system. SPC ARBE UV is installed in the Duct of the HVAC system or inside Air Handling unit treating the air passing through the ductwork. The actual percentage of destruction obtained is based on the ducts, percentage of fresh air, velocity, number of passes and the specific contaminants to be treated. Depending on these variables, more than one UV SPC ARBE may be required.

TECHNICAL DATA

Item Code	SPCARBE48
"A" Total Length (mm)	1320±3
"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	4
Lamp size	T5

FEATURES:

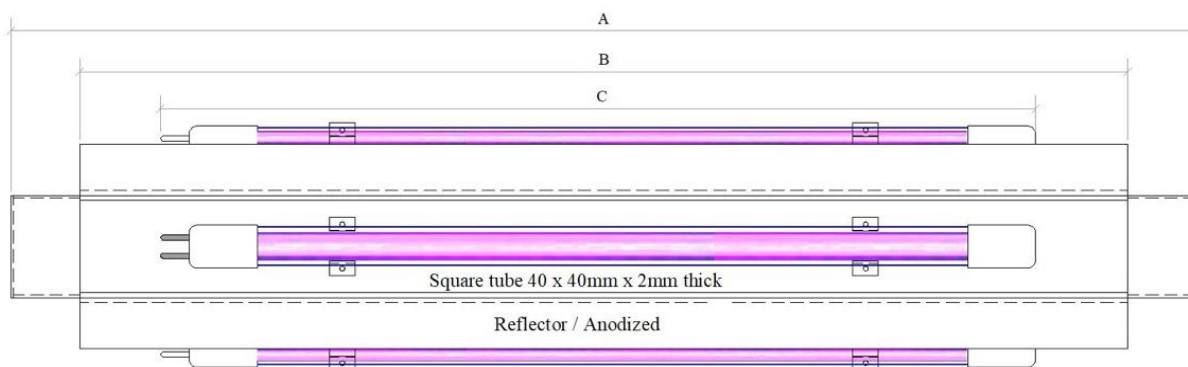
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output, long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.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

ELECTRICAL DATA

Item Code	SPCARBE48
Wattage(W)	83 x 4
Current (mA)	370 x 4
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	4A

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

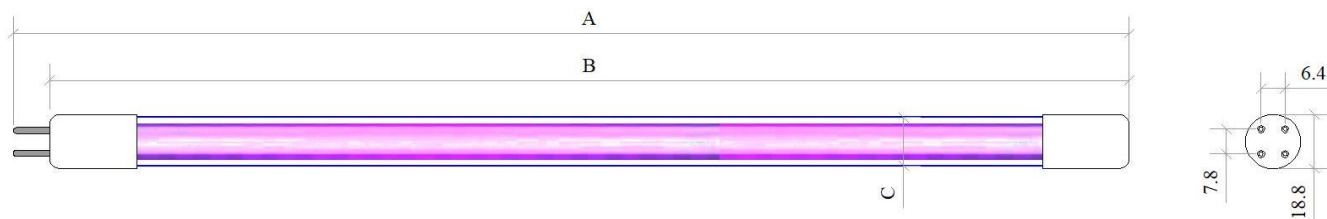


FILTRATION

FEATURES

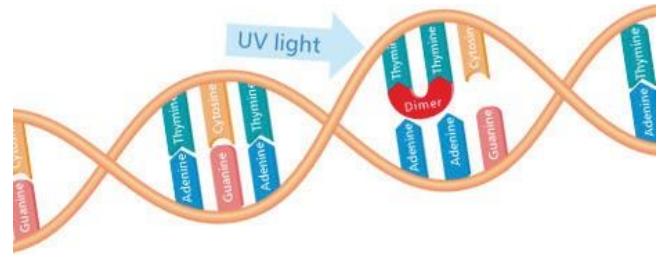
- ✓ Tested and proven disinfection capacity
- ✓ 219 shell is doped quartz with titanium dioxide. Low pressure mercury lamp with (3.0 Torr) pressure
- ✓ High output low pressure UV lamp
- ✓ Mercury Laden Neon Argon
- ✓ Air purification
- ✓ Safety lamp connector

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.

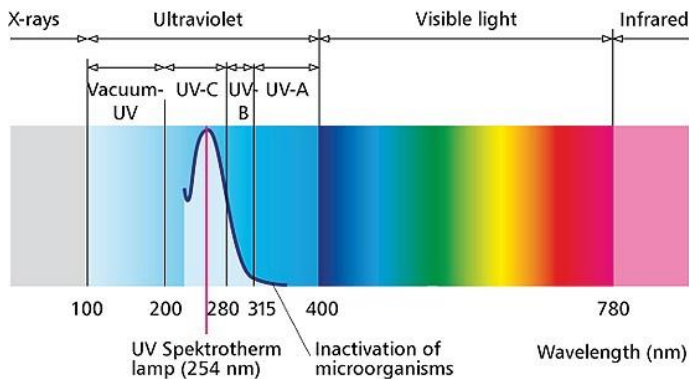




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore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

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ARBE 64

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION

The SPC ARBE series of UV Lamps are designed to destroy biological and chemical contaminants such as mold, bacteria, VOCs and odors that may be transmitted through the HVAC Ventilation system. SPC ARBE UV is installed in the Duct of the HVAC system or inside Air Handling unit treating the air passing through the ductwork. The actual percentage of destruction obtained is based on the ducts, percentage of fresh air, velocity, number of passes and the specific contaminants to be treated. Depending on these variables, more than one UV SPC ARBE may be required.

TECHNICAL DATA

Item Code	SPCARBE64
"A" Total Length (mm)	1680±3
"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	4
Lamp size	T5

FEATURES:

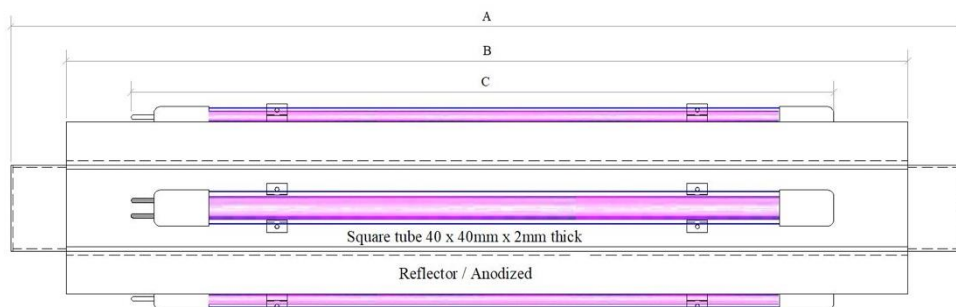
- ✓ Tested and proven disinfection capacity
- ✓ prevents mold growth on HVAC coils, Reduces bacteria, viruses, fungi, and yeasts in the ductwork.
- ✓ High output, long life UVC bulbs.
- ✓ Fuse for Over current protection.
- ✓ Air purification
- ✓ High Reflection rate with Anodized Aluminium Reflectors.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

ELECTRICAL DATA

Item Code	SPCARBE64
Wattage(W)	108 x 4
Current (mA)	473 x 4
Voltage / Hz	230 Volt / 50 - 60Hz
Fuse Rating	4A

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

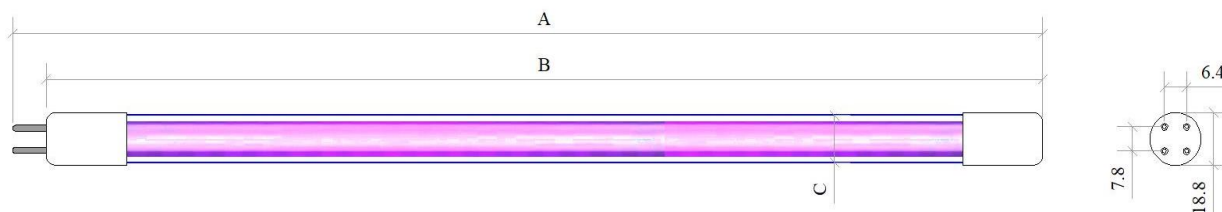


FEATURES

- ✓ 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

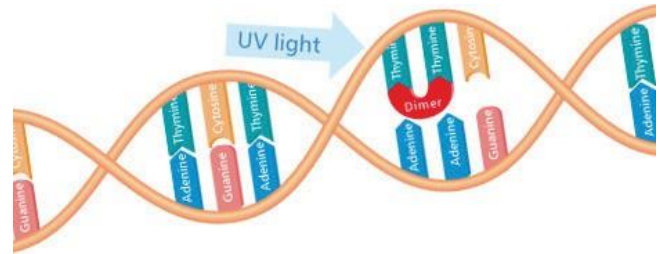
FILTRATION

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.

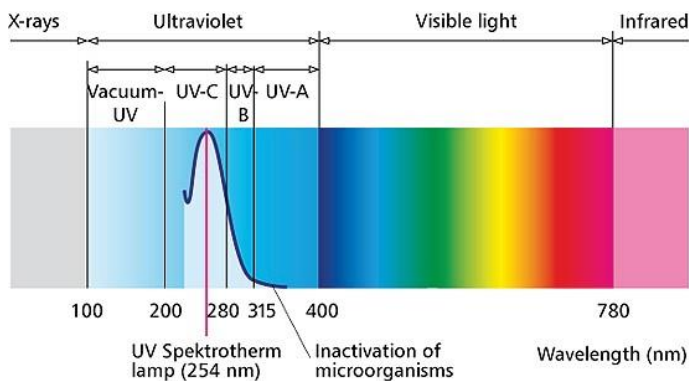




To enable the UV disinfection to work effectively it is important that the rainwater is filtered to a suitable level prior to passing through the UV unit. UV filtration works by changing the DNA of microorganisms, and interrupting the cell division. This means the cell can no longer reproduce and therefore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

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