



Bard Indoor Air Quality Improvement Solutions

Our Classroom Preferred™ systems have built-in capabilities and design features that address many recommendations for enhanced IAQ. In addition, we offer several factory-installed options to increase IAQ with your new Bard product shipped from the factory.

UV-LED technology:

- Optimal UVC 265nm Wavelengths for Disinfection.
- High UVC intensity ($\mu\text{W}/\text{cm}^2$).
- Uses long life UV-C LED technology.
- Includes indicator light to show when light is on.



BARDHVAC.COM

FORM NO. S3623-0921



Climate Control Solutions

///// FACTORY AND FIELD INSTALLED UVC-LED FUNCTIONAL DESCRIPTION

Sterilization eliminates microorganisms. Bard utilizes UVC-LED to help with sterilization of the air. New products are available with UVC-LED installed, or retrofit kits are available for schools that simply want to upgrade their current units. UVC-LED Light is a type of ultra-violet germicidal irradiation (UVGI) that disinfects the air through shortwavelength ultraviolet light. The CDC recommends using UVGI as a supplemental treatment to inactivate the microorganisms.

///// UNIT NOMENCLATURE FOR FACTORY INSTALLED OPTION

The factory installed UVC-LED light options are shipped with MERV 13 pleated 2" thick filters for additional air quality improvement. When ordering, select the "A" filter option in the unit nomenclature.

Digit #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	W	6	0	A	C	-	A	0	Z	X	A	X	X	X	X

FILTER AND AIR QUALITY OPTIONS
A - MERV13 filter and UVC-LED Light

///// UVC - LED FACTORY INSTALLATION AND FIELD KITS

WALL MOUNT UNIT MODEL	FACTORY INSTALLED OPTION	FIELD INSTALLED KIT PART NUMBER
W18AB, W24AB, W30AB, W36AB, 230V Models	Yes	8620-344
W18AB, W24AB, W30AB, W36AB, 460V Models	Yes	8620-343
W42AC, W48AC, W60AC, W72AC, 230V Models	Yes	8620-344
W42AC, W48AC, W60AC, W72AC, 460V Models	Yes	8620-343
W18HB, W24HB, W30HB, W36HB, 230V Models	Yes	8620-344
W18HB, W24HB, W30HB, W36HB, 460V Models	Yes	8620-343
W42HC, W48HC, W60HC, W72HC, 230V Models	Yes	8620-344
W42HC, W48HC, W60HC, W72HC, 460V Models	Yes	8620-343
Q24A, Q30A, Q36A, Q42A, Q48A	Yes	8620-344
Q24H, Q30H, Q36H, Q42H, Q48H	Yes	8620-344
I30A, I36A, I42A, I48A, I60A	Yes	8620-344
I30H, I36H, I42H, I48H, I60H	Yes	8620-344
I36Z, I48Z, I60Z	Yes	8620-344
T30S, T36S, T42S, T48S, T60S	Yes	8620-344
T24H, T30H, T36H, T42H, T48H, T60H	Yes	8620-344
C24H, C30H, C36H, C42H, C48H, C60H	Yes	8620-344

///// UVC - LED SPECIFICATIONS

Electrical Specs

Input Voltage	120-277VAC
Power Consumption	15W
Frequency	50/60Hz

Dimensional Specs

Unit Dimensions	15-1/8" L x 3/4" x 1" D
Weight	1 lb

Performance

Irradiance	170 μ W/CM ²
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UL Listing and Certifications

UL 1598
CSA C22.2#250.0
UL 8750

Compliance and Certifications

UL 2043
CE
RoHS Directive

