

# azbil Azbil North America, Inc.



Increased reliability and Instrument stability due to DC voltage design

Extended wiring distance with User friendly shutter / UV tube replacement design

Designed for adaptable mounting from 90° to -45°

Higher environmental temperature tolerance

State of Art UV tube fabricated at Azbil HQ facility with longer life time

Controller with Detector paired as UL/FM/CE/CSA certified

The AUR450C Dynamic Self-Checking Burner Controller is designed for continuous operation and batch operation.

The AUD300C1000 Advanced Ultraviolet Flame Detector is designed to detect ultraviolet radiation from an oil or gas burner flame, for use with both batch and continuous operation.



Available from Azbil North America, Q1 2017. A complete List of 5 controller models and AUD300, including replacement/spare parts availability.

The local safety mandate update is applicable for replacement. We do offer wiring/re-engineering services so please contact "Name Here" / customer service at 1-866-SENSOR1.

Azbil North America, Incorporated  
9033 N. 24th Ave, Suite 6  
Phoenix, AZ 85021

James Arnold  
Phone: 866-736-7671  
Mobile: 714-330-3048  
Email: J.ARNOLD.6H@US.AZBIL.COM

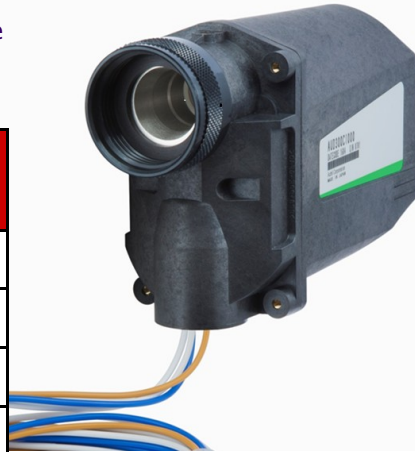
# azbil Azbil North America, Inc.



The AUR450C Dynamic Self-Checking Burner Controller is designed for continuous operation and batch operation. It is used in combination with the AUD300C Advanced Ultraviolet Flame Detector or the AUD500C Explosion-Proof Advanced Ultraviolet Flame Detector. It is a combustion safety controller that automatically ignites a gas burner or a oil burner in the correct sequence and in a safe manner, and also monitors the burner. The AUR450C, by driving the shutter of the AUD300C/500C, monitors combustion conditions while continuously checking the tube unit and the flame detection circuit. A 7-segment display on the front panel and a communication function are provided for convenient maintenance and troubleshooting. The 7-segment display shows the flame voltage, sequence code, and alarm code.

MODEL NUMBER	SERIES NUMBER	IGNITION TIMING	FLAME FAILURE RESET	SOFTWARE KIT
AUR 450 C	AUR450C42230D0	4 Seconds	3 Seconds	SLP-A00J51
AUR 450 C	AUR450C42310D0	4 Seconds	2 Seconds	SLP-A00J51
AUR 450 C	AUR450C82310D0	8 Seconds	2 Seconds	SLP-A00J51
AUR 450 C	AUR450C82330D0	8 Seconds	3 Seconds	SLP-A00J51
AUR 450 C	Q241A104	DEDICATED SUB BASE ASSEMBLY *REQUIRED *		

The AUD300C1000 Advanced Ultraviolet Flame Detector is designed to detect ultraviolet radiation from an oil or gas burner flame, for use with both batch and continuous operation.



MODEL NUMBER	SERIES NUMBER	SERVICE KIT
AUD 300 C	AUD300C1000 (STD)	AUD60A100D
AUD 300 C	AUD300C1100 (COND)	AUD60A100D
AUD 300 C	81446924-001	FLANGE UNIT (STD)
AUD 300 C	81446924-001	FLANGE UNIT (COND)
AUD 300 C	81447495-001	NUT, PACKING

The local safety mandate update is applicable for replacement. We do offer wiring/re-engineering services so please contact "Name Here" / customer service at 1-866-SENSOR1.

Azbil North America, Incorporated  
9033 N. 24th Ave, Suite 6  
Phoenix, AZ 85021

James Arnold  
Phone: 866-736-7671  
Mobile: 714-330-3048  
Email: J.ARNOLD.6H@US.AZBIL.COM