



SINCE 1908
wessels
 company

SUBMITTAL

WCN-SERIES

WESSELS CONDENSATE NEUTRALIZER

Models: WCN-1 thru WCN-2

Submittal Sheet No. N-1001A

Date: 4/18

Job Name _____	Submitted By _____	Date _____
Location _____	Approved By _____	Date _____
_____	Order No. _____	Date _____
Engineer _____	Notes _____	_____
Contractor _____	_____	_____
Sales Rep. _____	_____	_____

Description

Wessels Condensate Neutralizers (WCN) neutralize condensate issued by modulating condensing gas heating devices. A rigid pipe links the heating device to the WCN unit to treat the condensate. The media in the unit neutralizes the condensate pH to make it safe for building components and the environment. WCN units can contain up to three media bags to suit different heating device capacities and treatment condensate volumes. Media bags have a label to mark the installation date. Up to 3 WCN-2 units can be combined with connectors.

Performance Limitations

Maximum Flow Rate: 6.3 GPH (WCN-1)
 84 GPH (WCN-2)

Available Options

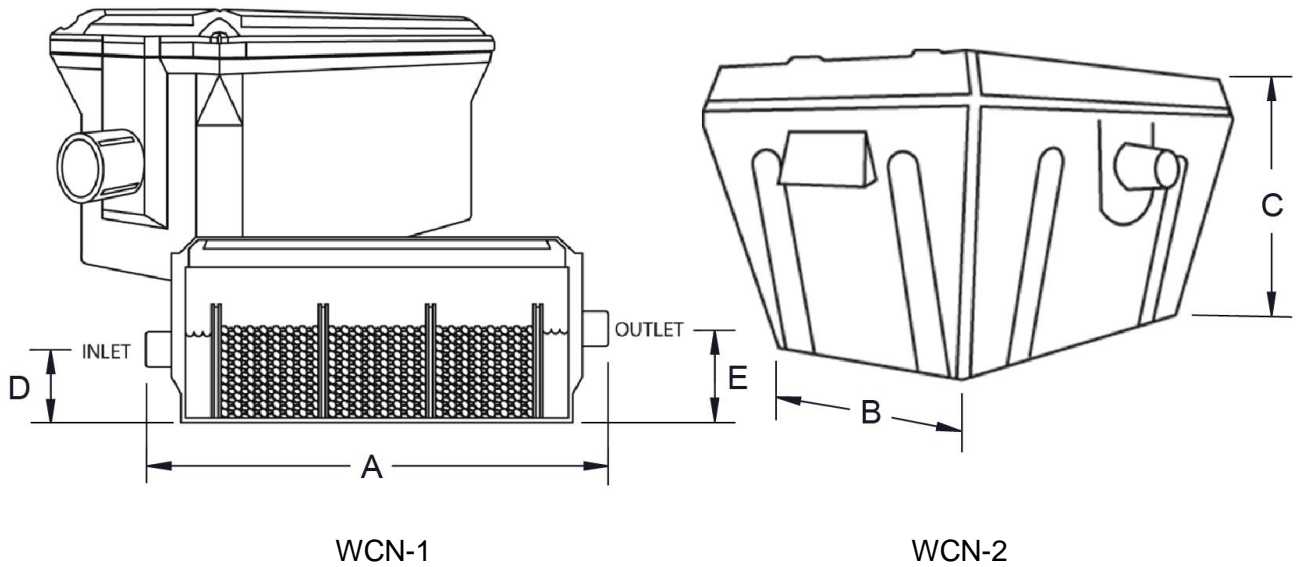
- Flex hose
- 2 wall mounting brackets
- Additional media bags
- Connector kit

Model Number	Part Number	Flow Rate (GPM)	Tagging Information	Quantity
WCN-1	33030000	2.1		
WCN-2	33030101	28		

Typical Specification

Furnish and install, as indicated on the plans and specifications, a prefabricated condensate neutralizer that must neutralize a condensate volume of _____ Gal/hr from a _____ MBH (_____ kWh) capacity heating device equipped with _____ neutralizing _____ media bags with installation date label in the same amount of bags.

Each condensate neutralizer shall be model WCN - _____ as manufactured by Wessels Company or approved equal.



Dimensions & Weights

Model	Dimensions in Inches					Inlet/ Outlet (in.)	Ship Wt. (lbs.)
	A	B	C	D	E		
WCN-1	12	4 3/4	5 1/2	2 1/2	3	1/2 NPT	4
WCN-2	16 1/4	10 1/2	7 1/2	5 5/8	5 5/8	1 NPT	17

WCN-1 includes MEDIA for treatment capacity up to 525,000 BTU/hr. Includes two compartments for two (2) additional media bags for up to 1.575 million BTU/hr.

WCN-2 includes MEDIA for treatment capacity up to 3.5 million BTU/hr. The WCN-2 can be connected to two (2) additional WCN-2 units for up to 10.5 million BTU/hr.