

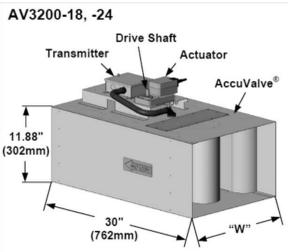
Round AccuValve® Model AV3100

**SIZE AND WEIGHT**

Valve Model	"D"		"L"		"H"		Weight	
	In.	mm	In.	mm	In.	mm	Lbs	kg
AV3100-L8	7.88	200	24	610	13	381	16	7.3
AV3100-08	7.88	200	24	610	13	381	16	7.3
AV3100-10	9.88	250	24	610	15	432	20	9.1
AV3100-12	11.88	300	27	686	17	483	26	11.8
AV3100-14	13.88	350	30	762	19	533	30	13.6

**OPERATING RANGE**

Valve Model	Min. Flow		Max. Flow @ 0.3"wc DP		Max. Flow @ 0.45"wc DP		Transmitter Full Scale	
	CFM	CMH	CFM	CMH	CFM	CMH	CFM	CMH
AV3100-L8	50	85	250	425	300	510	400	680
AV3100-08	80	136	650	1104	800	1359	850	1444
AV3100-10	120	204	1000	1699	1200	2039	1300	2209
AV3100-12	180	306	1450	2464	1800	3058	2000	3398
AV3100-14	250	425	2300	3908	2500	4248	2780	4723



Rectangular AccuValve® Model AV3200

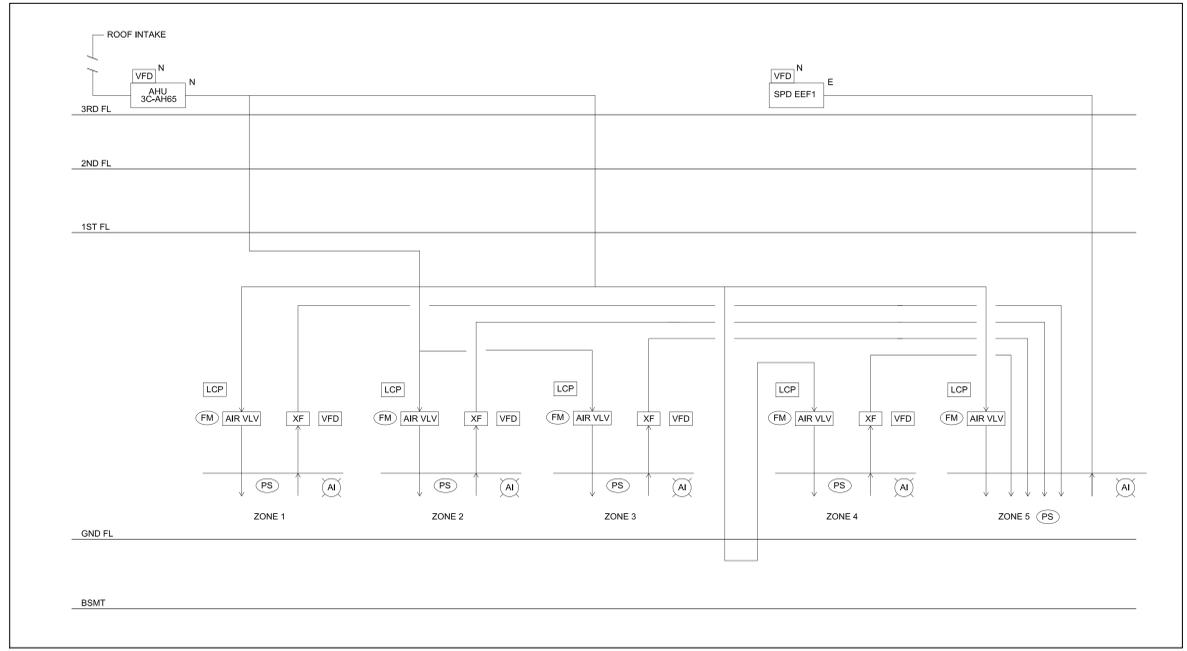
**SIZE AND WEIGHT**

Valve Model	"W"		Weight	
	In.	mm	Lbs.	kg
AV3200-18	17.88	454	43	19.5
AV3200-24	23.88	607	49	22.2
AV3200-36	35.88	911	97	44.0
AV3200-48	47.88	1216	109	49.4

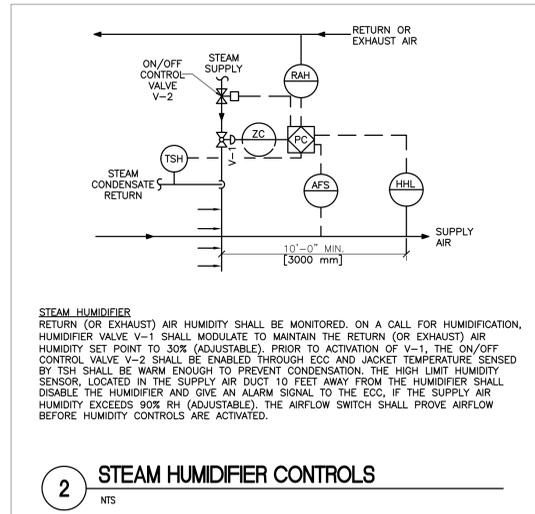
**OPERATING RANGE**

Valve Model	Min. Flow		Max. Flow @ 0.3"wc DP		Max. Flow @ 0.45"wc DP		Transmitter Full Scale	
	CFM	CMH	CFM	CMH	CFM	CMH	CFM	CMH
AV3200-18	260	442	2500	4248	3200	5437	3300	5607
AV3200-24	350	595	3200	5437	4000	6796	4200	7136
AV3200-36	520	883	5000	8495	6400	10874	6600	11213
AV3200-48	700	1189	6400	10874	8000	13592	8400	14272

SYSTEM/Point	Local Control PNL	Digital Setpoint Adjust	Digital IN	Digital OUT	Analog IN	Analog OUT
<b>SPS AHU Local Control Panel at Unit</b>						
System Run/Stop	x	x	x			
Power Available/Fail				x		
Motor Run/Fail				x		
Motor VFD Speed					x	x
Duct Detector				x		
Prefilter 1 Alarm				x		
Prefilter 2 Alarm				x		
Post Filter Alarm				x		
Outside Air Face/Bypass Damper					x	x
Steam Valve Preheat					x	x
Cooling Coil valve					x	x
Outside Inlet Air Temp					x	
Discharge Air Temp	x				x	
Freeze Stat Inlet		x				
Discharge Air Humidity	x				x	
Discharge Air Static Pressure	x				x	
Discharge Airflow	x				x	
Humidifier ON/OFF		x			x	
Humidifier Available/Fail					x	
Alarm Time Display (sec)	x					
<b>SPS Exhaust Local Control Panel at Unit</b>						
System Run/Stop	x	x	x			
Power Available/Fail				x		
Motor Run/Fail				x		
Motor VFD					x	x
Duct Detector				x		
Inlet Airflow	x				x	
Alarm Time Display (sec)	x					
<b>SPS Zone Typ for (S) Local Control Panel at Unit</b>						
System Run/Stop	x	x	x			
System Available/Fail				x		
Inlet Damper Position					x	x
Discharge Airflow	x				x	
Room Static Pressure	x				x	
Room Static Pressure Alarm	x				x	
Room temperature	x				x	
Alarm Time Display (sec)	x					
Reheat valve (if required)	x				x	x



1 AIR FLOW CONTROL SCHEMATIC  
NO SCALE



2 STEAM HUMIDIFIER CONTROLS  
NTS

- AIR VLV AIR CONTROL VALVE
- VFD VARIABLE FREQ DRIVE
- AHU AIR HANDLER
- XF TRANSFER FAN
- MS MOTOR STARTER
- FM AIRFLOW MEASURING DEVICE IN AIR VALVE
- PS STATIC PRESSURE SENSOR RELATIVE TO CORRIDOR
- AI ALARM LIGHT INSIDE SPACE
- LCP LOCAL CONTROL PANEL
- N NEW
- E EXISTING

100% ISSUED FOR CONSTRUCTION  
COMPLETION ITEM NO. 3  
FULLY SPRINKLERED

<p>Dept. of Veterans Affairs Medical Center 1670 Clairmont Road Decatur, Georgia 30033</p>	<p>ARCHITECT/ENGINEERS: <b>Smith Carter</b> VETERAN ENGINEERING GROUP, INC. 4411 Suwanee Dam, Ste. 230, Suwanee, GA 30024 ARCHITECTURE ENGINEERING PLANNING 1123 Zonolite Road, Suite 25, Atlanta, GA 30306</p>	<p>Drawing Title CONTROL DIAGRAMS</p> <p>Approved Project Director</p>	<p>Project Title RENOVATION OF EXISTING STERILE PROCESSING SERVICE (SPS)</p>	<p>Project Number 508-10-113</p>	<p>Office of Facilities Management</p>
			<p>Location VAMC, DECATUR, GA.</p>	<p>Building Number 1</p>	