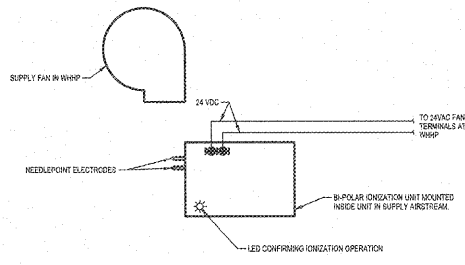


Order Plans @ [www.WDLine.com](http://www.WDLine.com)



BI-POLAR IONIZATION CONTROL DETAIL  
SCALE: NONE

BI-POLAR IONIZATION UNITS						
TAG	ASSOCIATED EQUIPMENT	SUPPLY CFM	NEW QA CFM	GLOBAL PLASMA SOLUTIONS MODEL #	NOTES	
BP10-1	WSPH-1	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-2	WSPH-2	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-3	WSPH-3	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-4	WSPH-4	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-5	WSPH-5	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-6	WSPH-6	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-7	WSPH-7	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-8	WSPH-8	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-9	WSPH-9	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-10	WSPH-10	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-11	WSPH-11	N/A	N/A	N/A		
BP10-12	WSPH-12	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-13	WSPH-13	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-14	WSPH-14	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-15	WSPH-15	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-16	WSPH-16	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-17	WSPH-17	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-18	WSPH-18	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-19	WSPH-19	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-20	WSPH-20	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-21	WSPH-21	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-22	WSPH-22	650	100	GPS-FC-3-BA3	12.34.5	
BP10-23	WSPH-23	800	100	GPS-FC-3-BA3	12.34.5	
BP10-24	WSPH-24	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-25	WSPH-25	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-26	WSPH-26	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-27	WSPH-27	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-28	WSPH-28	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-29	WSPH-29	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-30	WSPH-30	N/A	N/A	N/A		
BP10-31	WSPH-31	N/A	N/A	N/A		
BP10-32	WSPH-32	N/A	N/A	N/A		
BP10-33	WSPH-33	N/A	N/A	N/A		
BP10-34	WSPH-34	N/A	N/A	N/A		
BP10-35	WSPH-35	N/A	N/A	N/A		
BP10-36	WSPH-36	100	100	GPS-FC-3-BA3	12.34.5	
BP10-37	WSPH-37	100	100	GPS-FC-3-BA3	12.34.5	
BP10-38	WSPH-38	200	200	GPS-FC-3-BA3	12.34.5	
BP10-39	WSPH-39	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-40	WSPH-40	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-41	WSPH-41	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-42	WSPH-42	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-43	WSPH-43	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-44	WSPH-44	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-45	WSPH-45	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-46	WSPH-46	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-47	WSPH-47	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-48	WSPH-48	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-49	WSPH-49	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-50	WSPH-50	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-51	WSPH-51	N/A	N/A	N/A		
BP10-52	WSPH-52	N/A	N/A	N/A		
BP10-53	WSPH-53	N/A	N/A	N/A		
BP10-54	WSPH-54	1800	300	GPS-FC-3-BA3	12.34.5	
BP10-55	WSPH-55	1800	300	GPS-FC-3-BA3	12.34.5	
BP10-56	WSPH-56	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-57	WSPH-57	1100	200	GPS-FC-3-BA3	12.34.5	
BP10-58	WSPH-58	800	100	GPS-FC-3-BA3	12.34.5	
BP10-59	WSPH-59	700	100	GPS-FC-3-BA3	12.34.5	
BP10-60	WSPH-60	850	100	GPS-FC-3-BA3	12.34.5	
BP10-61	WSPH-61	1800	400	GPS-FC-3-BA3	12.34.5	
BP10-62	WSPH-62	850	80	GPS-FC-3-BA3	12.34.5	
BP10-63	WSPH-63	1800	300	GPS-FC-3-BA3	12.34.5	
BP10-64	WSPH-64	1800	200	GPS-FC-3-BA3	12.34.5	
BP10-65	WSPH-65	1800	200	GPS-FC-3-BA3	12.34.5	
BP10-66	WSPH-66	1800	200	GPS-FC-3-BA3	12.34.5	
BP10-67	WSPH-67	550	200	GPS-FC-3-BA3	12.34.5	
BP10-68	WSPH-68	N/A	N/A	N/A		
BP10-69	WSPH-69	N/A	N/A	N/A		
BP10-70	WSPH-70	N/A	N/A	N/A		
BP10-71	WSPH-71	N/A	N/A	N/A		
BP10-72	WSPH-72	N/A	N/A	N/A		
BP10-73	WSPH-73	N/A	N/A	N/A		
BP10-74	WSPH-74	N/A	N/A	N/A		
BP10-75	WSPH-75	N/A	N/A	N/A		
BP10-76	WSPH-76	N/A	N/A	N/A		
BP10-77	WSPH-77	N/A	N/A	N/A		
BP10-78	WSPH-78	N/A	N/A	N/A		
BP10-79	WSPH-79	N/A	N/A	N/A		
BP10-80	WSPH-80	N/A	N/A	N/A		
BP10-81	WSPH-81	650	100	GPS-FC-3-BA3	12.34.5	
BP10-82	WSPH-82	N/A	N/A	N/A		
BP10-83	WSPH-83	N/A	N/A	N/A		

- NEEDLE POINT TYPE CHARGER WITH ABS PLASTIC OR POWDER COATED STEEL HOUSING, AND CARBON OR STAINLESS STEEL IONIZATION NEEDLES.
- PROVIDE LED TO VERIFY IONIZATION.
- PROVIDE DRY CONTACT TERMINALS FOR FAULT OUTPUT FOR FUTURE CONNECTION TO DDC SYSTEM DURAND FAULT CONDITION.
- PROVIDE FACTORY FURNISHED 24 VAC INPUT TERMINAL FOR POWERING BI-POLAR UNIT FROM ASSOCIATED EQUIPMENT'S 24V FAN TERMINAL.
- UNIT SHALL BE MOUNTED INSIDE OF WSPH UNIT.
- BI-POLAR IONIZATION UNIT NOT REQUIRED FOR INDICATED WSPH. TAG INFORMATION IS SHOWN FOR REFERENCE ONLY.

LEGEND	
CFM	CURS. FEET PER MINUTE
DA	OUTDOOR AIR
APPROX.	APPROXIMATELY
UNO	UNLESS NOTED OTHERWISE

**GENERAL NOTES**

1. TEST AND BALANCE (TAB) IS ONLY REQUIRED FOR OUTDOOR AIR DAMPERS AT EXISTING WSPHs AND EXISTING ENERGY RECOVERY UNITS, EXISTING EQUIPMENT (WATER SOURCE HEAT PUMP, PUMPS/BOLLERS, FANS, ETC.) AND EXISTING SUPPLY GRILLES ARE NOT REQUIRED TO HAVE TAB WORK.

REVISIONS/ISSUANCES		
NO.	DATE	DESCRIPTION

KEY PLAN

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PROJECT:  
RENOVATIONS, MODIFICATIONS, & ADDITIONS TO HENRY COUNTY SCHOOLS - GROUP 10 WOODLAND MIDDLE SCHOOL (ITEM B)

CLIENT:  
HENRY COUNTY BOARD OF EDUCATION

SHEET TITLE:  
MECHANICAL DETAILS, LEGEND, SCHEDULES & GENERAL NOTES

1/1 - 57  
P.T.E. - 900  
FACILITY CODE: 675-0306  
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PROJECT NUMBER: 2017318  
DATE: 06.07.18  
SCALE: NONE  
DRAWN BY: WDD  
CHECKED BY: JDR

SHEET NO. **M601**