

BUILDING 400 AIR HANDLING UNITS

FAN POWERED MODULES LOCATED OVER THE EXPERIMENTAL FLOOR

Table 1: APS\Net_Port\Bldg_400\AHUs\NP-V501

col. 63 - 69

PROCESS VARIABLE NAMES AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM #	UNITS
G:AHU:FP50001Ai	Analog input	265	Deg. F.
G:AHU:FP50002Ai	Analog input	266	Deg. F.
G:AHU:FP50003Ai	Analog input	267	Deg. F.
G:AHU:FP50004Ai	Analog input	268	Deg. F.
G:AHU:FP50005Ai	Analog input	269	Deg. F.
G:AHU:FP50006Ai	Analog input	270	Deg. F.
G:AHU:FP50007Ai	Analog input	271	Deg. F.
G:AHU:FP50008Ai	Analog input	272	Deg. F.
G:AHU:FP50009Ai	Analog input	273	Deg. F.
G:AHU:FP50010Ai	Analog input	274	Deg. F.
G:AHU:FP50011Ai	Analog input	275	Deg. F.
G:AHU:FP50012Ai	Analog input	276	Deg. F.
G:AHU:FP50013Ai	Analog input	277	Deg. F.
G:AHU:FP50014Ai	Analog input	278	Deg. F.

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Table 2: **APS\Net_Port\Bldg_400\AHUs\NP-V502** **col. 69 - 74**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP50015Ai	Analog input	279	Deg. F.
G:AHU:FP50016Ai	Analog input	280	Deg. F.
G:AHU:FP50017Ai	Analog input	281	Deg. F.
G:AHU:FP50018Ai	Analog input	282	Deg. F.
G:AHU:FP50019Ai	Analog input	283	Deg. F.
G:AHU:FP50020Ai	Analog input	284	Deg. F.
G:AHU:FP50021Ai	Analog input	285	Deg. F.
G:AHU:FP50022Ai	Analog input	286	Deg. F.
G:AHU:FP50023Ai	Analog input	287	Deg. F.
G:AHU:FP50024Ai	Analog input	288	Deg. F.
G:AHU:FP50025Ai	Analog input	289	Deg. F.
G:AHU:FP50026Ai	Analog input	290	Deg. F.
G:AHU:FP50027Ai	Analog input	291	Deg. F.
G:AHU:FP50028Ai	Analog input	292	Deg. F.

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Table 3: **APS\Net_Port\Bldg_400\AHUs\NP-V503** **col. 75 - 81**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP50029Ai	analog input	637	Deg. F.
G:AHU:FP50030Ai	analog input	638	Deg. F.
G:AHU:FP50031Ai	analog input	639	Deg. F.
G:AHU:FP50032Ai	analog input	640	Deg. F.
G:AHU:FP50033Ai	analog input	641	Deg. F.
G:AHU:FP50034Ai	analog input	642	Deg. F.
G:AHU:FP50035Ai	analog input	643	Deg. F.
G:AHU:FP50036Ai	analog input	644	Deg. F.
G:AHU:FP50037Ai	analog input	645	Deg. F.
G:AHU:FP50038Ai	analog input	646	Deg. F.
G:AHU:FP50039Ai	analog input	647	Deg. F.
G:AHU:FP50040Ai	analog input	648	Deg. F.
G:AHU:FP50041Ai	analog input	649	Deg. F.
G:AHU:FP50042Ai	analog input	650	Deg. F.

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Table 4: **APS\Net_Port\Bldg_400\AHUs\NP-V504** **col. 81 - 86**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP50043Ai	analog input	651	Deg. F.
G:AHU:FP50044Ai	analog input	652	Deg. F.
G:AHU:FP50045Ai	analog input	653	Deg. F.
G:AHU:FP50046Ai	analog input	654	Deg. F.
G:AHU:FP50047Ai	analog input	655	Deg. F.
G:AHU:FP50048Ai	analog input	656	Deg. F.
G:AHU:FP50049Ai	analog input	657	Deg. F.
G:AHU:FP50050Ai	analog input	658	Deg. F.
G:AHU:FP50051Ai	analog input	659	Deg. F.
G:AHU:FP50052Ai	analog input	660	Deg. F.
G:AHU:FP50053Ai	analog input	661	Deg. F.
G:AHU:FP50054Ai	analog input	662	Deg. F.
G:AHU:FP50055Ai	analog input	663	Deg. F.
G:AHU:FP50056Ai	analog input	664	Deg. F.

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Table 5: **APS\Net_Port\Bldg_400\AHUs\NP-V505** **col. 87 - 93**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP50057Ai	analog input	665	Deg. F.
G:AHU:FP50058Ai	analog input	666	Deg. F.
G:AHU:FP50059Ai	analog input	667	Deg. F.
G:AHU:FP50060Ai	analog input	668	Deg. F.
G:AHU:FP50061Ai	analog input	669	Deg. F.
G:AHU:FP50062Ai	analog input	670	Deg. F.
G:AHU:FP50063Ai	analog input	671	Deg. F.
G:AHU:FP50064Ai	analog input	672	Deg. F.
G:AHU:FP50065Ai	analog input	673	Deg. F.
G:AHU:FP50066Ai	analog input	674	Deg. F.
G:AHU:FP50067Ai	analog input	675	Deg. F.
G:AHU:FP50068Ai	analog input	676	Deg. F.
G:AHU:FP50069Ai	analog input	677	Deg. F.
G:AHU:FP50070Ai	analog input	678	Deg. F.

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Table 6: **APS\Net_Port\Bldg_400\AHUs\NP-V506** **col. 93 - 98**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP50071Ai	analog input	679	Deg. F.
G:AHU:FP50072Ai	analog input	680	Deg. F.
G:AHU:FP50073Ai	analog input	681	Deg. F.
G:AHU:FP50074Ai	analog input	682	Deg. F.
G:AHU:FP50075Ai	analog input	683	Deg. F.
G:AHU:FP50076Ai	analog input	684	Deg. F.
G:AHU:FP50077Ai	analog input	685	Deg. F.
G:AHU:FP50078Ai	analog input	686	Deg. F.
G:AHU:FP50079Ai	analog input	687	Deg. F.
G:AHU:FP50080Ai	analog input	688	Deg. F.
G:AHU:FP50081Ai	analog input	689	Deg. F.
G:AHU:FP50082Ai	analog input	690	Deg. F.
G:AHU:FP50083Ai	analog input	691	Deg. F.
G:AHU:FP50084Ai	analog input	692	Deg. F.

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Table 7: **APS\Net_Port\Bldg_400\AHUs\NP-V507** **col. 99 - 105**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP50085Ai	analog input	693	Deg. F.
G:AHU:FP50086Ai	analog input	694	Deg. F.
G:AHU:FP50087Ai	analog input	695	Deg. F.
G:AHU:FP50088Ai	analog input	696	Deg. F.
G:AHU:FP50089Ai	analog input	697	Deg. F.
G:AHU:FP50090Ai	analog input	698	Deg. F.
G:AHU:FP50091Ai	analog input	699	Deg. F.
G:AHU:FP50092Ai	analog input	700	Deg. F.
G:AHU:FP50093Ai	analog input	701	Deg. F.
G:AHU:FP50094Ai	analog input	702	Deg. F.
G:AHU:FP50095Ai	analog input	703	Deg. F.
G:AHU:FP50096Ai	analog input	704	Deg. F.
G:AHU:FP50097Ai	analog input	705	Deg. F.
G:AHU:FP50098Ai	analog input	706	Deg. F.

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Table 8: **APS\Net_Port\Bldg_400\AHUs\NP-V508** **col. 105 - 110**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5099Ai	analog input	707	Deg. F.
G:AHU:FP5100Ai	analog input	708	Deg. F.
G:AHU:FP5101Ai	analog input	709	Deg. F.
G:AHU:FP5102Ai	analog input	710	Deg. F.
G:AHU:FP5103Ai	analog input	711	Deg. F.
G:AHU:FP5104Ai	analog input	712	Deg. F.
G:AHU:FP5105Ai	analog input	713	Deg. F.
G:AHU:FP5106Ai	analog input	714	Deg. F.
G:AHU:FP5107Ai	analog input	715	Deg. F.
G:AHU:FP5108Ai	analog input	716	Deg. F.
G:AHU:FP5109Ai	analog input	717	Deg. F.
G:AHU:FP5110Ai	analog input	718	Deg. F.
G:AHU:FP5111Ai	analog input	719	Deg. F.
G:AHU:FP5112Ai	analog input	720	Deg. F.

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Table 9: **APS\Net_Port\Bldg_400\AHUs\NP-V509** **col. 111 - 117**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5113Ai	analog input	721	Deg. F.
G:AHU:FP5114Ai	analog input	722	Deg. F.
G:AHU:FP5115Ai	analog input	723	Deg. F.
G:AHU:FP5116Ai	analog input	724	Deg. F.
G:AHU:FP5117Ai	analog input	725	Deg. F.
G:AHU:FP5118Ai	analog input	726	Deg. F.
G:AHU:FP5119Ai	analog input	727	Deg. F.
G:AHU:FP5120Ai	analog input	728	Deg. F.
G:AHU:FP5121Ai	analog input	729	Deg. F.
G:AHU:FP5122Ai	analog input	730	Deg. F.
G:AHU:FP5123Ai	analog input	731	Deg. F.
G:AHU:FP5124Ai	analog input	732	Deg. F.
G:AHU:FP5125Ai	analog input	733	Deg. F.
G:AHU:FP5126Ai	analog input	734	Deg. F.

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Table 10: **APS\Net_Port\Bldg_400\AHUs\NP-V510** **col. 117 - 122**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5127Ai	analog input	735	Deg. F.
G:AHU:FP5128Ai	analog input	736	Deg. F.
G:AHU:FP5129Ai	analog input	737	Deg. F.
G:AHU:FP5130Ai	analog input	738	Deg. F.
G:AHU:FP5131Ai	analog input	739	Deg. F.
G:AHU:FP5132Ai	analog input	740	Deg. F.
G:AHU:FP5133Ai	analog input	741	Deg. F.
G:AHU:FP5134Ai	analog input	742	Deg. F.
G:AHU:FP5135Ai	analog input	743	Deg. F.
G:AHU:FP5136Ai	analog input	744	Deg. F.
G:AHU:FP5137Ai	analog input	745	Deg. F.
G:AHU:FP5138Ai	analog input	746	Deg. F.
G:AHU:FP5139Ai	analog input	747	Deg. F.
G:AHU:FP5140Ai	analog input	748	Deg. F.

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Table 11: **APS\Net_Port\Bldg_400\AHUs\NP-V511** **col. 123 - 129**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5141Ai	analog input	749	Deg. F.
G:AHU:FP5142Ai	analog input	750	Deg. F.
G:AHU:FP5143Ai	analog input	751	Deg. F.
G:AHU:FP5144Ai	analog input	752	Deg. F.
G:AHU:FP5145Ai	analog input	753	Deg. F.
G:AHU:FP5146Ai	analog input	754	Deg. F.
G:AHU:FP5147Ai	analog input	755	Deg. F.
G:AHU:FP5148Ai	analog input	756	Deg. F.
G:AHU:FP5149Ai	analog input	757	Deg. F.
G:AHU:FP5150Ai	analog input	758	Deg. F.
G:AHU:FP5151Ai	analog input	759	Deg. F.
G:AHU:FP5152Ai	analog input	760	Deg. F.
G:AHU:FP5153Ai	analog input	761	Deg. F.
G:AHU:FP5154Ai	analog input	762	Deg. F.

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Table 12: **APS\Net_Port\Bldg_400\AHUs\NP-V512** **col. 129 - 134**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5155Ai	analog input	763	Deg. F.
G:AHU:FP5156Ai	analog input	764	Deg. F.
G:AHU:FP5157Ai	analog input	765	Deg. F.
G:AHU:FP5158Ai	analog input	766	Deg. F.
G:AHU:FP5159Ai	analog input	767	Deg. F.
G:AHU:FP5160Ai	analog input	768	Deg. F.
G:AHU:FP5161Ai	analog input	769	Deg. F.
G:AHU:FP5162Ai	analog input	770	Deg. F.
G:AHU:FP5163Ai	analog input	771	Deg. F.
G:AHU:FP5164Ai	analog input	772	Deg. F.
G:AHU:FP5165Ai	analog input	773	Deg. F.
G:AHU:FP5166Ai	analog input	774	Deg. F.
G:AHU:FP5167Ai	analog input	778	Deg. F.
G:AHU:FP5168Ai	analog input	779	Deg. F.

(Note: notice discontinuity in item numbers)

BUILDING 400 AIR HANDLING UNITS**FAN POWERED MODULES LOCATED OVER THE EXPERIMENTAL FLOOR****Table 13: APS\Net_Port\Bldg_400\AHUs\NP-V513 col. 135 - 141**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5169Ai	analog input	381	Deg. F.
G:AHU:FP5170Ai	analog input	382	Deg. F.
G:AHU:FP5171Ai	analog input	383	Deg. F.
G:AHU:FP5172Ai	analog input	384	Deg. F.
G:AHU:FP5173Ai	analog input	385	Deg. F.
G:AHU:FP5174Ai	analog input	386	Deg. F.
G:AHU:FP5175Ai	analog input	387	Deg. F.
G:AHU:FP5176Ai	analog input	389	Deg. F.
G:AHU:FP5177Ai	analog input	390	Deg. F.
G:AHU:FP5178Ai	analog input	391	Deg. F.
G:AHU:FP5179Ai	analog input	392	Deg. F.
G:AHU:FP5180Ai	analog input	393	Deg. F.
G:AHU:FP5181Ai	analog input	394	Deg. F.
G:AHU:FP5182Ai	analog input	395	Deg. F.

(note: Notice discontinuity in item numbers)

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FAN POWERED MODULES LOCATED OVER THE EXPERIMENTAL FLOOR

Table 14: **APS\Net_Port\Bldg_400\AHUs\NP-V514** **col. 141 - 146**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5183Ai	analog input	396	Deg. F.
G:AHU:FP5184Ai	analog input	397	Deg. F.
G:AHU:FP5185Ai	analog input	398	Deg. F.
G:AHU:FP5186Ai	analog input	399	Deg. F.
G:AHU:FP5187Ai	analog input	400	Deg. F.
G:AHU:FP5188Ai	analog input	401	Deg. F.
G:AHU:FP5189Ai	analog input	4002	Deg. F.
G:AHU:FP5190Ai	analog input	403	Deg. F.
G:AHU:FP5191Ai	analog input	404	Deg. F.
G:AHU:FP5192Ai	analog input	405	Deg. F.
G:AHU:FP5193Ai	analog input	406	Deg. F.
G:AHU:FP5194Ai	analog input	407	Deg. F.
G:AHU:FP5195Ai	analog input	408	Deg. F.
G:AHU:FP5196Ai	analog input	409	Deg. F.

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Table 15: **APS\Net_Port\Bldg_400\AHUs\NP-V515** **col. 147 - 153**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5197Ai	analog input	294	Deg. F.
G:AHU:FP5198Ai	analog input	295	Deg. F.
G:AHU:FP5199Ai	analog input	296	Deg. F.
G:AHU:FP5200Ai	analog input	297	Deg. F.
G:AHU:FP5201Ai	analog input	298	Deg. F.
G:AHU:FP5202Ai	analog input	299	Deg. F.
G:AHU:FP5203Ai	analog input	300	Deg. F.
G:AHU:FP5204Ai	analog input	301	Deg. F.
G:AHU:FP5205Ai	analog input	302	Deg. F.
G:AHU:FP5206Ai	analog input	303	Deg. F.
G:AHU:FP5207Ai	analog input	304	Deg. F.
G:AHU:FP5208Ai	analog input	305	Deg. F.
G:AHU:FP5209Ai	analog input	306	Deg. F.
G:AHU:FP5210Ai	analog input	307	Deg. F.

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Table 16: **APS\Net_Port\Bldg_400\AHUs\NP-V516** **col. 147 - 153**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5211Ai	analog input	308	Deg. F.
G:AHU:FP5212Ai	analog input	309	Deg. F.
G:AHU:FP5213Ai	analog input	310	Deg. F.
G:AHU:FP5214Ai	analog input	311	Deg. F.
G:AHU:FP5215Ai	analog input	312	Deg. F.
G:AHU:FP5216Ai	analog input	313	Deg. F.
G:AHU:FP5217Ai	analog input	314	Deg. F.
G:AHU:FP5218Ai	analog input	315	Deg. F.
G:AHU:FP5219Ai	analog input	316	Deg. F.
G:AHU:FP5220Ai	analog input	317	Deg. F.
G:AHU:FP5221Ai	analog input	318	Deg. F.
G:AHU:FP5222Ai	analog input	319	Deg. F.
G:AHU:FP5223Ai	analog input	320	Deg. F.
G:AHU:FP5224Ai	analog input	321	Deg. F.

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Table 17: **APS\Net_Port\Bldg_400\AHUs\NP-V517** **col. 153 - 158**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5225Ai	analog input	322	Deg. F.
G:AHU:FP5226Ai	analog input	323	Deg. F.
G:AHU:FP5227Ai	analog input	324	Deg. F.
G:AHU:FP5228Ai	analog input	325	Deg. F.
G:AHU:FP5229Ai	analog input	326	Deg. F.
G:AHU:FP5230Ai	analog input	327	Deg. F.
G:AHU:FP5231Ai	analog input	328	Deg. F.
G:AHU:FP5232Ai	analog input	329	Deg. F.
G:AHU:FP5233Ai	analog input	330	Deg. F.
G:AHU:FP5234Ai	analog input	331	Deg. F.
G:AHU:FP5235Ai	analog input	332	Deg. F.
G:AHU:FP5236Ai	analog input	333	Deg. F.
G:AHU:FP5237Ai	analog input	334	Deg. F.
G:AHU:FP5238Ai	analog input	335	Deg. F.

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Table 18: **APS\Net_Port\Bldg_400\AHUs\NP-V518** **col.165 - 169**

PROCESS VARIABLE NAME AND INFORMATION			
PROCESS VARIABLE NAME	INPUT TYPE	ITEM	UNITS
G:AHU:FP5239Ai	analog input	336	Deg. F.
G:AHU:FP5240Ai	analog input	337	Deg. F.
G:AHU:FP5241Ai	analog input	338	Deg. F.
G:AHU:FP5244Ai	analog input	338	Deg. F.
G:AHU:FP5245Ai	analog input	340	Deg. F.
G:AHU:FP5246Ai	analog input	341	Deg. F.
G:AHU:FP5247Ai	analog input	342	Deg. F.
G:AHU:FP5248Ai	analog input	343	Deg. F.
G:AHU:FP5249Ai	analog input	344	Deg. F.
G:AHU:FP5251Ai	analog input	345	Deg. F.
G:AHU:FP5252Ai	analog input	346	Deg. F.

(Note: Notice discontinuity in p.v. names)

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CARS-CAT HUTCH 13 ID AND 13BM			
PROCESS VARIABLE NAME	TYPE	ITEM NO.	UNITS
G:PW:13ID-C:SupFloAi	analog	780	GPM
G:PW:13ID-C:FloSetPtAI	analog	781	GPM
G:PW:13ID-C:CoolSetPtAI	analog	782	Deg. F.
G:PW:13ID-C:DamperCmdAI	analog	783	Percent
G:PW:13ID-D:SupFloAi	analog	784	GPM
G:PW:13ID-D:FloSetPtAI	analog	785	GPM
G:PW:13ID-D:CoolSetPtAI	analog	786	Deg. F.
G:PW:13ID-D:DamperCmdAI	analog	787	Percent
G:PW:13BM-CD:SupFloA	analog	788	GPM
G:PW:13BM-CD:FloSetPtAI	analog	789	GPM
G:PW:13BM-CD:CoolSetPtAI	analog	790	Deg. F.
G:PW:13BM-CD:HeatSetPtAI	analog	791	Deg. F.
G:PW:13BM-CD:DamperCmdAI	analog	792	Percent
G:PW:13BM-CD:HtValveCmdAI	analog	793	Percent