

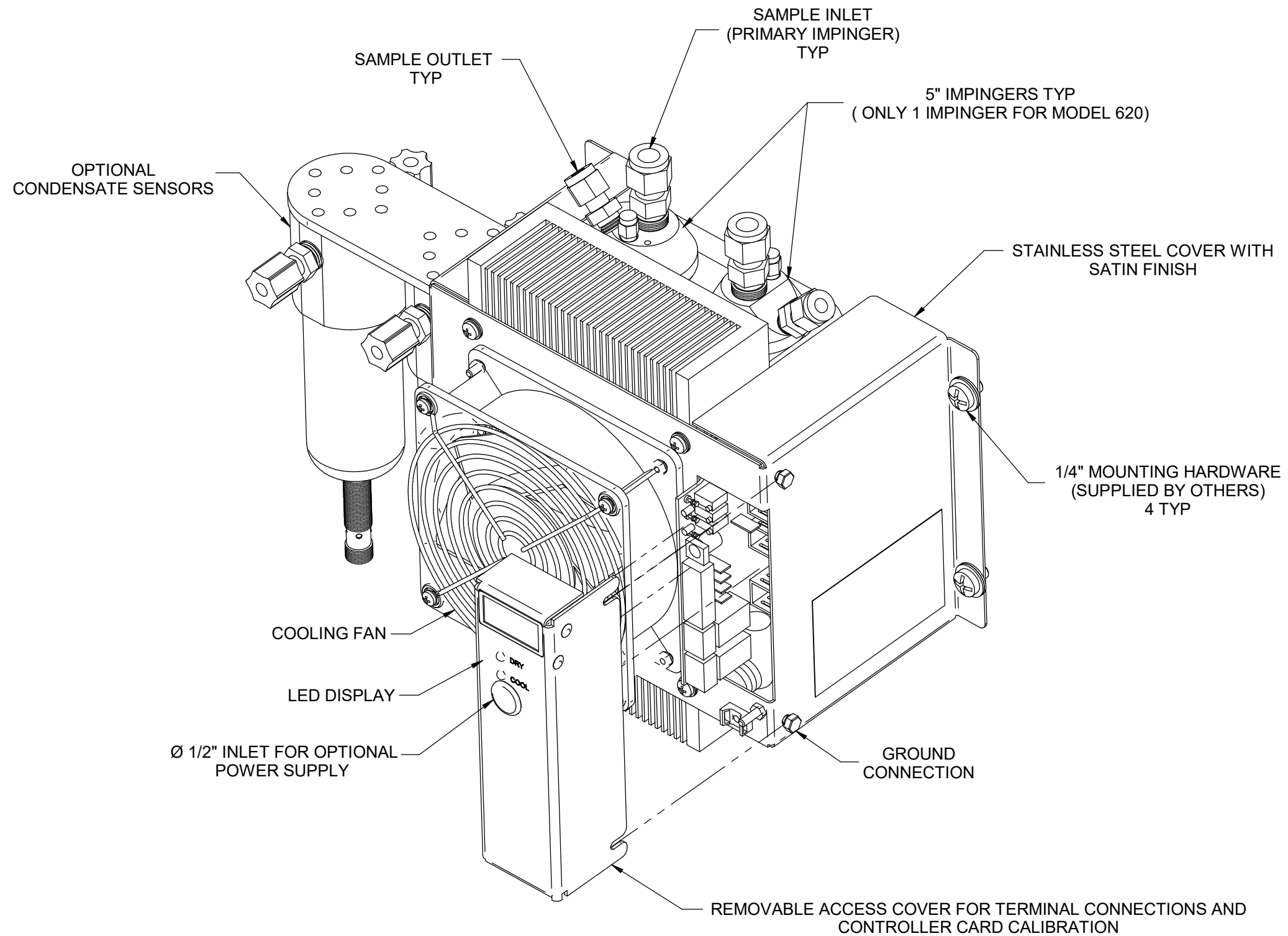


Web Doc

5200 Convair Drive Carson City, NV 89706 PH(775)883-2500 FAX (775)883-6388		N.2	02/19/21	UPDATE TO DRAWING STANDARDS	CS	GE
 		REV	DATE	DESCRIPTION	DWN	APVD
REVISIONS						
MODELS 620, 630 & 640 SERIES LAYOUT & DIMENSIONS		DATE	SCALE	SIZE	SHEET	
		01/25/1999	NTS	D	1 OF 4	
PART NO.	FOR	DRAWN BY	E. MUSSELMAN	ECO#	DRAWING NO.	
-	600 SERIES	APVD BY	R. DANIEL	2842	P0327	





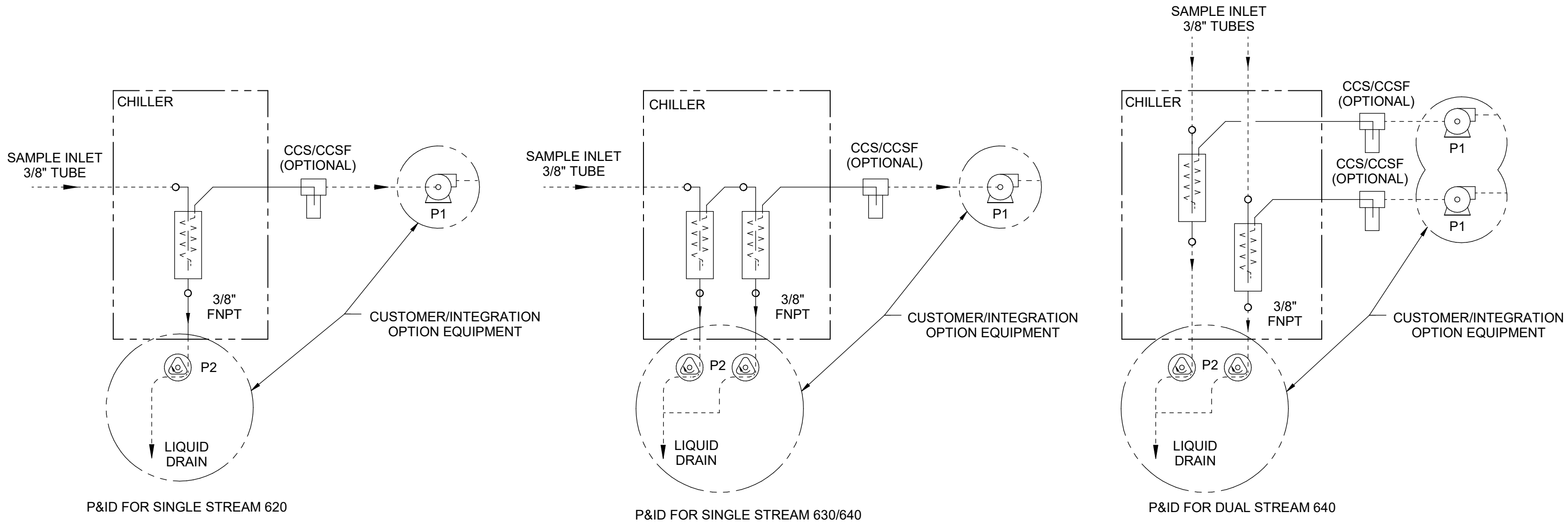
EXPLODED VIEW

Web Doc

NOTES:

1. SEE PAGE 4 FOR TERMINAL / CONTROLLER CARD CONNECTIONS LAYOUT.

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REVISIONS						
<b>MODELS 620, 630 &amp; 640 SERIES</b> <b>EXPLODED VIEW</b>		DATE	SCALE	SIZE	SHEET	
		01/25/1999	NTS	D	2 OF 4	
PART NO.	FOR	DRAWN BY	ECO#	DRAWING NO.		
-	600 SERIES	E. MUSSELMAN	2842	P0327		
		APVD BY				
		R. DANIEL				

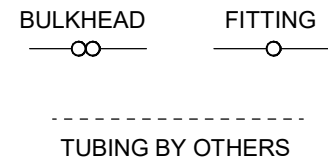


ITEM	IMPINGERS	ACTIVE IMPINGERS	SAMPLES
620	1	1	1
630	2	1	1
640	2	2	1 OR 2

NOTE: ALL FITTINGS ARE 1/4" NPT UNLESS OTHERWISE SPECIFIED.

ITEM	DESCRIPTION	UA PART NO.
CCS/CCSF	OPTIONAL CCS CONDENSATION SENSOR	CCS
	OPTIONAL CCSF CONDENSATE SENSOR FILTERED 2 MICRON	CCSF
<b>CUSTOMER / INTEGRATION OPTIONS</b>		
P1	SAMPLE PUMP SINGLE HEAD 230V	4958-0015
	SAMPLE PUMP SINGLE HEAD 115V	4958-0025
	SAMPLE PUMP DUAL HEAD 230V	4958-0016
	SAMPLE PUMP DUAL HEAD 115V	4958-0026
P2	PERISTALTIC PUMP SINGLE HEAD 115V	4958-0011
	PERISTALTIC PUMP DUAL HEAD 115V	4958-0012
	PERISTALTIC PUMP SINGLE HEAD 230V	4958-0013
	PERISTALTIC PUMP DUAL HEAD 230V	4958-0035


**LEGEND**



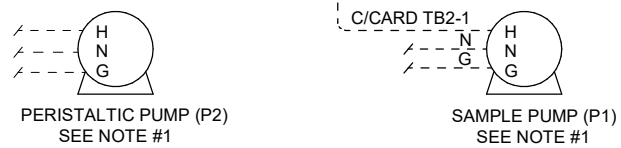
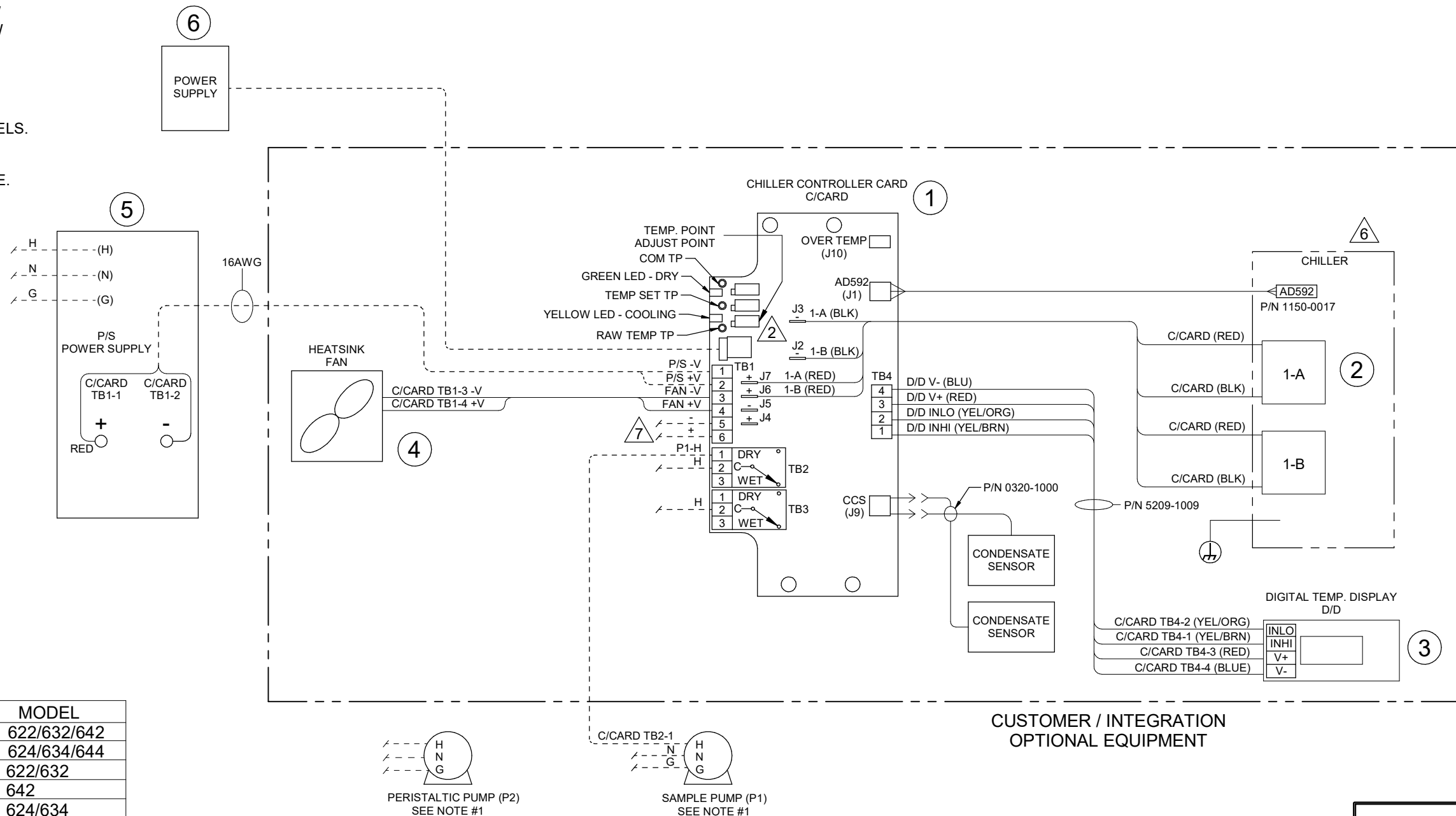
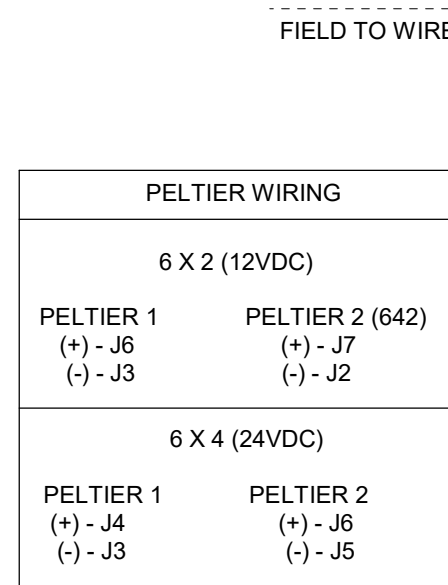
**Web Doc**

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		REV	DATE	DESCRIPTION	DWN	APVD
<b>MODELS 620, 630 &amp; 640 SERIES P&amp;ID</b>						
PART NO.		FOR		REVISIONS		
-		600 SERIES		DATE	SCALE	SIZE
				01/25/1999	NTS	D
				DRAWN BY	ECO#	SHEET
				E. MUSSELMAN	2842	3 OF 4
				APVD BY		DRAWING NO.
				R. DANIEL		<b>P0327</b>

# CONDUIT AND WIRING NOTES

- ELECTRICAL AREA CLASSIFICATION: INSIDE - GENERAL PURPOSE SYSTEM IS CONFIGURED AT THE FACTORY FOR REQUIRED VOLTAGE. CONTACT FACTORY FOR VOLTAGE CHANGE REQUIREMENTS
- POWER PLUG POLARITY -  +
- DC CONTROL WIRING SHALL BE INDIVIDUAL CONDUCTORS OF STRANDED TINNED COPPER WITH 300V, TYPE TFE INSULATION. MINIMUM WIRE SIZE SHALL BE 18 AWG.  
 COLOR CODE SHALL BE AS FOLLOWS: + RED  
 - BLUE  
 CHASSIS GROUND WIRE MINIMUM WIRE SIZE 14AWG GREEN / YELLOW
- DC SIGNAL WIRING SHALL BE INDIVIDUAL CONDUCTORS OF STRANDED TINNED COPPER WITH 300V, TYPE TFE INSULATION. MINIMUM WIRE SIZE SHALL BE 18 AWG.  
 COLOR CODE SHALL BE AS FOLLOWS: COMMON - YELLOW  
 COMMON - YELLOW
- LAST DIGIT OF MODEL # SPECIFIES DC SUPPLY REQUIREMENT.  
 2 = 12VDC  
 4 = 24VDC

- PELTIER ELEMENTS ARE CONNECTED IN SERIES FOR 624, 634, AND 644 MODELS.
- FOR TB1-5,6:  
 0-1 VDC OUTPUT CORRESPONDS TO 0-50°C SAMPLE TEMPERATURE.



CUSTOMER / INTEGRATION  
OPTIONAL EQUIPMENT

Web Doc

NUMBER	QTY	DESCRIPTION	PART NO.	MODEL
1	1	CONTROLLER CARD 12VDC	3600-0035	622/632/642
	1	CONTROLLER CARD 24VDC	3600-0036	624/634/644
2	2	PELTIER ELEMENT 15V 8.5A	3016-0001	622/632
	2	PELTIER ELEMENT 15V 8.5A	3016-0001	642
	2	PELTIER ELEMENT 15V 3.9A	3016-0003	624/634
	2	PELTIER ELEMENT	3016-0001	644
3	1	DISPLAY CARD	3021-1000	ALL
4	1	FAN 12VDC	4800-0002	622/632/642
	1	FAN 24VDC	4800-0008	624/634/644

CUSTOMER/ INTEGRATION OPTIONS				
5	1	POWER SUPPLY 12VDC 75W	5400-0027	622/632/642
	1	POWER SUPPLY 24VDC 150W	5400-0007	624/634/644
6	1	DC POWER SUPPLY 2.1mm PLUG		ALL

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**UNIVERSAL Analyzers Inc.** **AMETEK**

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REVISIONS				
DATE	SCALE	SIZE	SHEET	
01/25/1999	NTS	D	4 OF 4	
PART NO.	FOR	DRAWN BY	ECO#	DRAWING NO.
-	600 SERIES	E. MUSSELMAN	2842	P0327
		APVD BY		
		R. DANIEL		