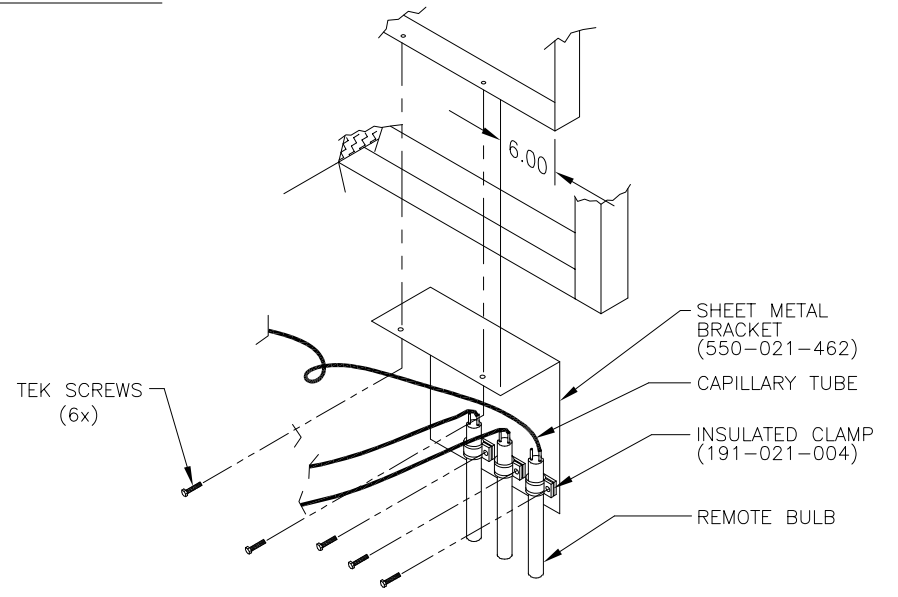
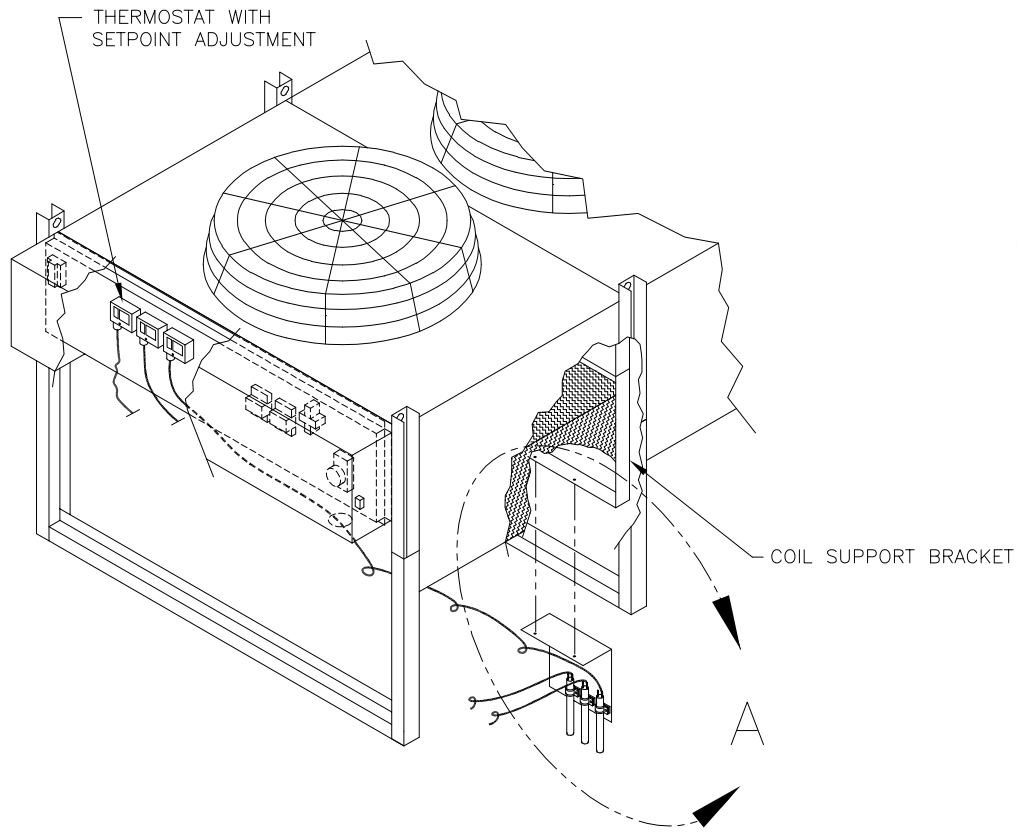


NOTES:

REVISIONS				
REV	DESCRIPTION	DATE	BY	CHKBY
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TYPICAL AIR COOLED CONDENSER



DETAIL A

LOCATION OF THERMOSTAT BULBS ON REMOTE CONDENSERS			
<b>dataaire</b>			
DRAWN BY : M. COCHRAN		SCALE: NONE	
CHECKED BY : A. DELGADO		SH 1 OF 2	
DATE :	02-19-2019	REV	-
PART OF			
<b>700-400-009</b>			
DWG NO.			

# REMOTE THERMOSTAT BULB MOUNTING INSTRUCTIONS

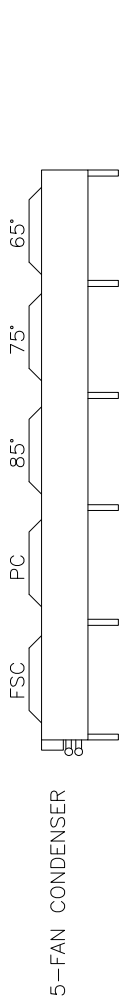
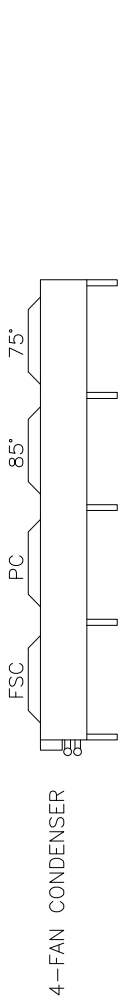
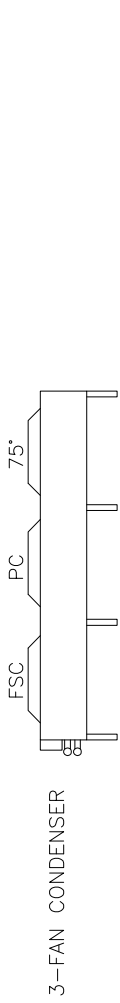
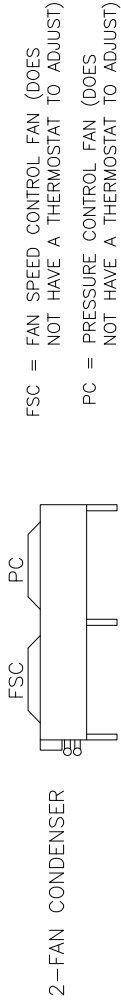
## AIR COOLED CONDENSERS

THE AMBIENT SENSING THERMOSTAT(S) USED ON THIS CONDENSER HAVE A CAPILLARY TUBE WITH A REMOTE SENSING BULB. THESE THERMOSTATS WILL FUNCTION BEST IF THE SENSING BULBS ARE MOUNTED BELOW THE COIL, AWAY FROM EXPOSURE TO DIRECT SUNLIGHT, WITH THE BULB IN A VERTICAL POSITION. THIS INSTRUCTION SET SHOULD BE PART OF THE MOUNTING KIT THAT INCLUDES A SHEET METAL BRACKET, MOUNTING CLAMP AND TEK SCREWS. THE FOLLOWING INSTRUCTIONS INDICATE HOW TO MOUNT THE THERMOSTAT BULBS.

1. ATTACH THE LOOSE SHEET METAL BRACKET TO THE BOTTOM OF THE COIL SUPPORT BRACKET USING TWO(2) TEK SCREWS PER ILLUSTRATION.
2. REMOVE THE REMOTE BULB(S) AND CAPILLARY TUBE ASSEMBLY FROM THE ELECTRICAL ENCLOSURE AND EXTEND THE CAPILLARY SO IT REACHES THE COIL SUPPORT AS INDICATED ON THE ILLUSTRATION.

**CAUTION:** BE CAREFUL TO AVOID BENDING THE CAPILLARY. THE TUBE SHOULD NOT MAKE CONTACT WITH ANY SHARP METAL SURFACES.

3. SLIP ONE OF THE INSULATED CLAMPS OVER THE END OF ONE OF THE REMOTE BULBS. ATTACH IT TO THE SHEET METAL BRACKET WITH A TEK SCREW. REPEAT FOR ADDITIONAL THERMOSTAT BULBS, AS NECESSARY.
4. CHECK THERMOSTAT SETPOINTS INSIDE THE ELECTRICAL BOX. TYPICAL SETPOINTS ARE INDICATED BELOW FOR 2 TO 5-FAN CONDENSERS. IN ALL CASES THE TEMPERATURE DIFFERENTIAL SHOULD BE 5 DEGREES F.




NOTE: REGULAR MAINTENANCE SHOULD INCLUDE OBSERVATIONS OF FAN OPERATION.

ON UNITS WITH A FAN SPEED CONTROLLER, THERMOSTAT SETPOINTS THAT ARE TOO LOW CAN CAUSE THE FAN SPEED CONTROL MOTOR (THE MOTOR WHICH IS NOT CONTROLLED BY ANY THERMOSTAT) TO CYCLE ON AND OFF TOO OFTEN OR OPERATE NEAR IT'S SLOWEST FAN SPEED. THIS CAN SHORTEN THE LIFE OF THE MOTOR.

CONVERSELY, SETPOINTS THAT ARE TOO HIGH MAY NOT ALLOW THE COIL TO REJECT ENOUGH HEAT AND CAN CAUSE COMPRESSORS TO CUT OUT ON HIGH HEAD PRESSURE.

UNITS WITH A FLOODED RECEIVER PACKAGE SHOULD BE SET IN THE SAME MANNER AS INDICATED ABOVE. ON FLOODED SYSTEMS THE FIRST FAN MOTOR IS NOT CONTROLLED THROUGH A THERMOSTAT AND WILL CYCLE ON WHENEVER THERE IS A CALL FOR COOLING.

LOCATION OF THERMOSTAT BULBS ON REMOTE CONDENSERS			
			
DRAWN BY : M. COCHRAN	SCALE: NONE		
CHECKED BY : A. DELGADO	SH 2 OF 2		
DATE : 02-19-2019	REV	-	
PART OF			
700-400-009			
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