CFM ESP OUTSIDE AIR, MIN COOLING CAPACITY 5,000 1.5" 650 2 STAGES DX 198 MBH	ESP OUTSIDE AIR, MIN COOLING  1.5" 650 2 STAGES DX	ESP OUTSIDE AIR, MIN COOLING CAPACITY  1.5" 650 2 STAGES DX 198 MBH	ESP   OUTSIDE AIR, MIN   COOLING   CAPACITY   CAPCITY   RANT   Voltage / Phase   20   2 STAGES DX   198 MBH   134.00   410.00   208/230V / 3-phase   20   2 STAGES DX   2 STAGES DX   198 MBH   134.00	ESP   OUTSIDE AIR, MIN   COOLING   CAPACITY   CAPCITY   CAPCITY   RANT   Voltage / Phase   208/230   MOCP	ESP OUTSIDE AIR, MIN   COOLING   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT	ESP OUTSIDE AIR, MIN   COOLING   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   38"   95.6"	EISP   OUTSIDE AIR, MIN   COOLING   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT   LENGTH   WIDTH	ESP OUTSIDE AIR, MIN   COOLING   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   38"   95.6"
COOLING 2 STAGES DX	COOLING CAPACITY 2 STAGES DX 198 MBH	COOLING CAPACITY SENSIBLE COIL REFRIGE CAPACITY CAPCITY RANT 134.00 410.00	COOLING CAPACITY CAPCITY RANT Voltage / Phase 20 2 STAGES DX 198 MBH 134.00 410.00 208/230V / 3-phase	COOLING   SENSIBLE COIL   REFRIGE   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   MOCP	COOLING   CAPACITY   CAPCITY   REFRIGE   COOLING   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT   MOCP   Phase   Phase   MOCP   Phase   Phas	TOTAL COIL   SENSIBLE COIL   REFRIGE   CAPACITY   CAPCITY   RANT   Voltage / Phase   28   50   38"   95.6"	TOTAL COIL   SENSIBLE COIL   REFRIGE   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230 -3PH   WIDTH   WIDTH   STAGES DX   198 MBH   134.00   410.00   208/230V / 3-phase   28   50   38"   95.6"   63"	COOLING   CAPACITY   CAPCITY   REFRIGE   CONTINUE   CAPACITY   CAPCITY   C
	TOTAL COIL CAPACITY 198 MBH	TOTAL COIL CAPACITY CAPCITY 198 MBH 134.00 410.00	TOTAL COIL SENSIBLE COIL REFRIGE CAPACITY CAPCITY RANT Voltage / Phase 20 198 MBH 134.00 410.00 208/230V / 3-phase	TOTAL COIL SENSIBLE COIL REFRIGE CAPACITY CAPCITY RANT Voltage / Phase 208/230 MOCP 198 MBH 134.00 410.00 208/230V / 3-phase 28 50	TOTAL COIL  CAPACITY  CAPCITY  198 MBH  TOTAL COIL  SENSIBLE COIL  CAPCITY  RANT  CAPCITY  RANT  Voltage / Phase  208/230  Voltage / Phase  208/230  MOCP  HEIGHT  208/230V / 3-phase  28 50 38"	TOTAL COIL SENSIBLE COIL REFRIGE CAPACITY CAPCITY RANT Voltage / Phase 208/230 MOCP HEIGHT LENGTH 134.00 410.00 208/230V / 3-phase 28 50 38" 95.6"	TOTAL COIL SENSIBLE COIL REFRIGE CAPACITY CAPCITY RANT Voltage / Phase 208/230 MOCP HEIGHT LENGTH WIDTH 134.00 208/230V / 3-phase 28 50 38" 95.6" 63"	TOTAL COIL   SENSIBLE COIL   REFRIGE   CAPACITY   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT   LENGTH   WIDTH   WEIGHT   198 MBH   134.00   208/230V / 3-phase   28   50   38"   95.6"   63"   1085 LBS
TOTAL COIL CAPACITY 198 MBH		SENSIBLE COIL REFRIGE CAPCITY RANT 134.00	SENSIBLE COIL REFRIGE CAPCITY RANT Voltage / Phase 20 134.00 410.00 208/230V / 3-phase	Electrical   208/230 -3PH	SENSIBLE COIL   REFRIGE   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT   134.00   208/230V / 3-phase   28   50   38"	SENSIBLE COIL   REFRIGE   CAPCITY   RANT   Voltage / Phase   28   50   38"   95.6"	SENSIBLE COIL   REFRIGE   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT   LENGTH   WIDTH   134.00   208/230V / 3-phase   28   50   38"   95.6"   63"	SENSIBLE COIL   REFRIGE   CAPCITY   RANT   Voltage / Phase   208/230   MOCP   HEIGHT   LENGTH   WIDTH   WEIGHT   134.00   208/230V / 3-phase   28   50   38"   95.6"   63"   1085 LBS
	SENSIBLE COIL CAPCITY 134.00	REFRIGE RANT 410.00	REFRIGE Voltage / Phase 20 208/230V / 3-phase	Electrical   208/230 -3PH	Electrical   208/230 -3PH	Electrical   208/230 -3PH	Electrical   208/230 -3PH	Electrical   208/230 -3PH
REFRIGE RANT 410.00			Elec 208/23 MCA 208/230 28	MOCP 50	MOCP HEIGHT 50 38"	MOCP HEIGHT LENGTH 50 38" 95.6"	MOCP HEIGHT LENGTH WIDTH 50 38" 95.6" 63"	MOCP HEIGHT LENGTH WIDTH WEIGHT 50 38" 95.6" 63" 1085 LBS

VAV BOX

MAIN BANK LOBBY
PRIVATE OFFICES MAIN LEVEL
CONF ROOM LOWER LEVEL
LOWER LEVEL MAIN SPACE

VCWF 14
VCWF 14
VCWF 10
VCWF08

1,800 1,800 1000 500

720 720 250 125 125

1 ROW 1 ROW 1 ROW 1 ROW

55 55 55 55

92.00 92.00 92.00 92.00 92.00

MBH 38.00 38.00 20.00 11.00

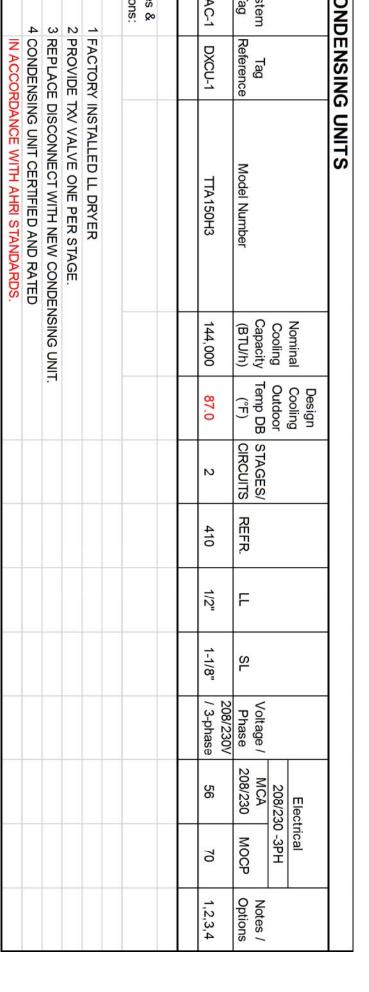
180.00 180.00 180.00 180.00

150 150 150 150

MAX AIRFLOW

LAT DEG F

1 40% PROPYLENE GLYCOL SOLUTION
2 3 WAY CONTROL VALVE THIS ZONE
3 2 WAY CONTROL VALVE THIS ZONE.



**EXPANSION TANK** 

1. SYSTEM TO CONTAIN 40% GLYCOL SOLUTION

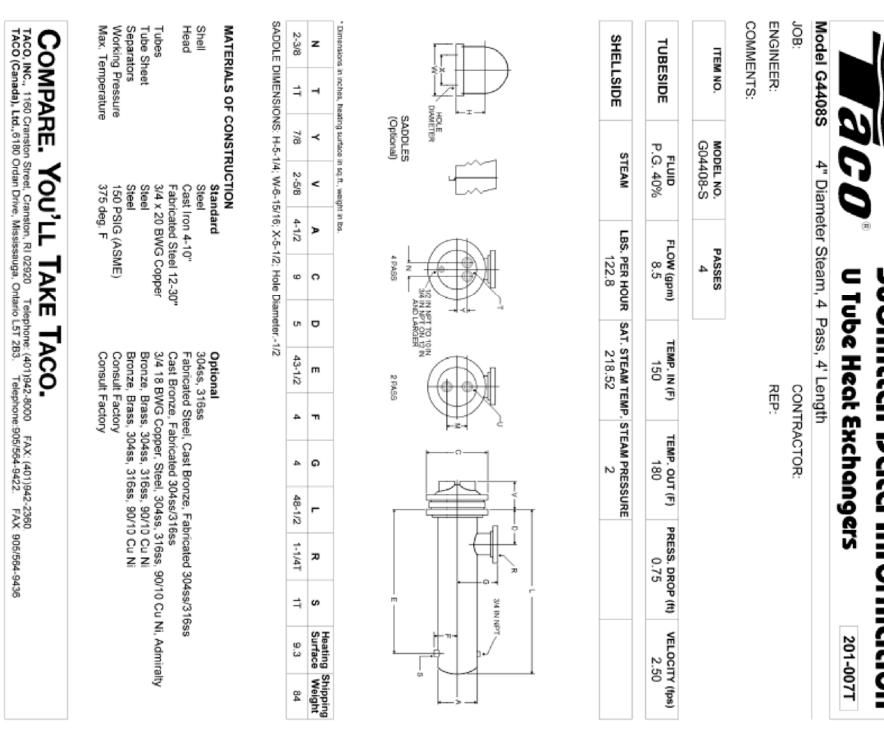
1. SYSTEM TO CONTAIN 40% GLYCOL SOLUTION

EXPANSION

TANK

1. TO OPERATE TO MAINTAIN BUFFER TANK TEMPERATURE, ENABLED ON OA TEMPERATURE 2. TO OPERATE ON OA TEMPERATURE TO PROVIDE WATER FLOW TO VAV BOX COILS.





VARIES

CHK'D BY PCC

TD BANK 481 CONGRESS ST PORTLAND MAINE





DX REFRIGERANT PIPING.
SCOPE OF WORK:

TXV— see INSET

sight glass

filter drier

liquid line (circuit 1)

EVACUATE AND DISCONNECT EXISTING CONDENSIGN UNIT.

ROUTE TWO (2) CIRCUITS FROM CONDENSING UNIT LOCATION TO NEW AIR HANDLER.

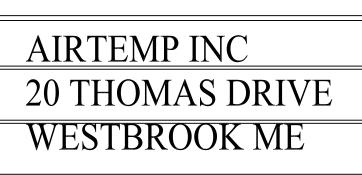
INSTALL TXV AND ACCESSORIES FOR EACH CIRCUIT PER MANUFACTURERS

RECOMMENDATIONS.

PRESSURE TEST AND EVACUATE ALL SYSTEMS PRIOR TO CHARGING PER MANUFACTURERS

RECOMMENDATIONS.

INSULATE SUCTION AND LIQUID LINE UTILIZING CLOSED CELL INSULATION.



TXV— see INSET

sight glass

filter drier

liquid line (circuit 2)

gas line (circuit 2) 5,6

indoor coil with standard circuiting

CIRCULATOR PUMPS

DUTY
HEAT EXCHANGER TO BUFFER TANK
BUFFER TANK TO HOT WATER COILS

**HEAD, FT**15
20

0.125 0.125