

ITEM	QTY	DESCRIPTION
1	1	VERSATENN V CONTROL
2	1	TEMPGARD IV TEMPERATURE PROTECTION CONTROL
3	1	LIGHT SWITCH PANEL
4	1	CONTROL BOX
5	1	RECORDER HONEYWELL 2-PEN DR4300
6	1	WINDOW 12" X 24"
7	8	PRESSURE RELIEF PANEL
8	1	MSA SAMPLING PUMP
9	1	MSA GAS MONITOR
10	1	MSA CO SENSOR
11	1	MSA OXYGEN SENSOR
12	4	EXPLOSION PROOF INCANDESCENT LIGHT
13	18	SHEATHED HEATERS 26.2KW TOTAL
14	8	6" NOMINAL CUSTOMER WALL PORTS, (4 IN EACH SIDE WALL)
15	1	HUMIDITY HEADER
16	1	COOLING COIL
17	1	CONDITIONER DRAIN PAN
18	5	DRAIN OUTLET 1-1/2" OD SCHEDULE 40 PVC STUB
19	2	PROPANE THRU WALL NIPPLE 1"MPT
20	2	NATURAL GAS THRU WALL NIPPLE 1"MPT
21	1	LADDER
22	2	MAKE UP AIR INTAKE
23	1	AIR DRYER
24	1	5HP CONDENSING UNIT
25	5	FLOOR DRAINS CAPABLE OF DRAINING 10 GPM
26	2	AIR BLOWERS
27	2	CONDITIONER MOTORS
28	1	POWERED EXHAUST 300 CFM
29	4	6" NOMINAL PORT FOR CUSTOMER PRODUCT FLUE
30	1	30 KW STEAM BOILER
31	1	PERIMETER RAILING 42" TALL
32	1	POWER BOX
33	1	HUMIDITY/DRYAIR VENT
34	1	MSA COMBUSTIBLE GAS SENSOR

SPECIFICATIONS:

MATERIALS OF CONSTRUCTION:

INTERIOR WALLS AND CEILING: 22 GAGE STAINLESS STEEL

INTERIOR FLOOR: UNPOLISHED STAINLESS STEAL DESIGNED FOR 5000 LBS./SQ.FT

EXTERIOR: 26 GA. PAINTED WHITE EMBOSSED GALVANIZED STEEL

WALLS: INSULATED WITH FOAMED-IN-PLACE NON-CFC U.L. CLASS 1 URETHANE FOAM

OPERATING PERAMETERS:

TEMPERATURE RANGE: 32°F TO 185°F

TEMPERATURE CONTROL TOLERANCE: ±1°F AT STABALIZATION MEASURED AT AIR INLET TO THE WORKSPACE

HUMIDITY RANGE: 20% TO 95% RH OVER TEMPERATURE RANGE OF +68°F TO +185°F, LIMITED BY A +4°C DEW POINT (NO LIVE LOAD DURING RH TESTING)

NOTE: WITH A FRESH AIR INTAKE, THE CONDITIONS ARE LIMITED TO 120°F AND 95%RH.

HUMIDITY CONTROL TOLERANCE: +3% RH AT STABALIZATION MEASURED AT THE AIR INLET TO THE CHAMBER

AMBIENT SURROUNDING CHAMBER: 45°F TO 95°F MAX, 60%RH CUSTOMER APPLICATION: STABILITY TESTING

TEMP TRANSITION: THE CHAMBER WILL BE CAPABLE OF CYCLING FROM 120°F TO 40°F, AND 40°F TO 120°F WITH FOUR 50 GALLON HPWH,S FILLED WITH WATER. THE CYCLE TIME WILL BE APPROXIMATLY 2.5 HOURS.

AIR VELOCITY: MAXIMUM 50FPM, MEASURED VERTICALLY 40" FROM CHAMBER FLOOR

GRADIENT: ±4°F MAXIMUM (WITH NO LIVE LOAD NOR RH RUNNING) MEASURED 12" FROM WALL IN AN EMPTY CHAMBER. 9 TEST POINTS MEASURING 80% OF THE WORK SPACE VOLUME WILL BE USED. THIS WILL BE VERIFIED AND DOCUMENTED AT 40°F AND 120°F

UTILITIES:

ELECTRICAL: 460VOLT, 3PHASE, 60HERTZ, 96 FLA FUSE AT 120A

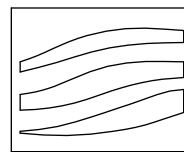
HUMIDIFIER WATER: 4.2 GPH, 60PSIG MAX, 3/8"FPT CONNECTION

COMPRESSED AIR: 25 SCFM, 100PSIG MIN. 150PSIG MAX. 1/2"FPT CONNECTION

TOLERANCE: +/- .25"

NOTICE:
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DATE
9/14/10
DESIGNER
TLZ



TPS

Thermal Product Solutions

GRUENBER● LUNAIR● TENNEY● BLUE M ●INDBERG
P.O. BOX 150, WHITE DEER, PA 17887-0150

CUSTOMER

GE CONSUMER & INDUSTRIAL

P.O. NO.

3064838

QUOTE NO.

8921

TITLE

GENERAL ARRANGEMENT

MODEL

WITR32185-INS

SCALE

1:32

SHEET

B 1

DWG NO

001

JOB NO

72482