driSteem™
1-800-328-4447

STANDARD RAPID-SORB® ASSEMBLY (HEADER INSIDE AHU) (COIL)

CONFIDENTIAL

TAG _____

HUMIDIFIER CAPACITY #/HR _____

ABSORPTION DISTANCE _____

DUCT TEMPERATURE _____°F

ENTERING RH _____

LEAVING RH _____

TUBE SPACING: 6, 9, 12, 18, 24

TUBE QUANTITY _____

STEAM CONNECTION _____

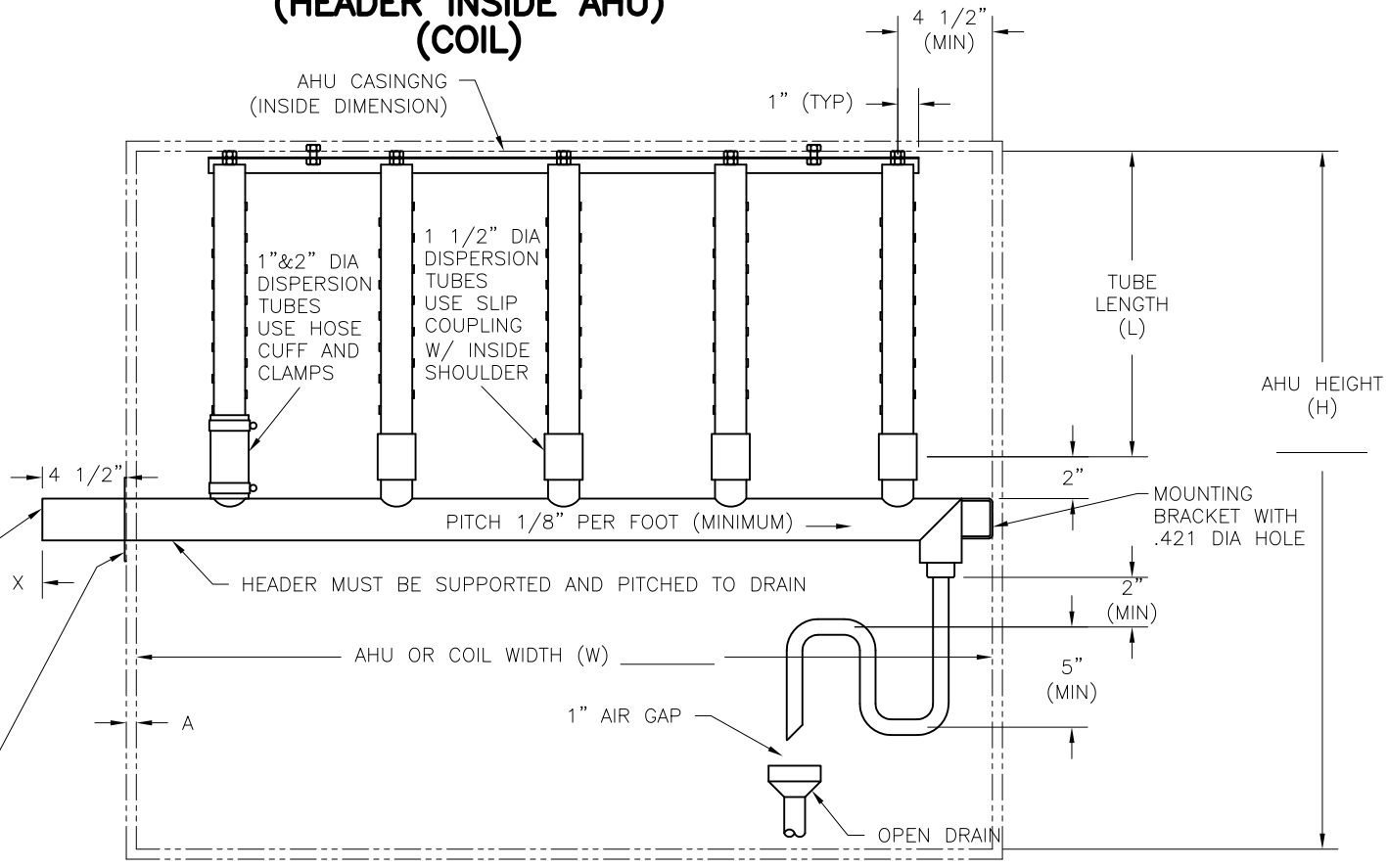
TUBE DIA _____

HEADER DIA _____

EXTENDED INLET (X) _____

SAME SIDE PIPING _____

A = WALL OR INSULATION THICKNESS



DISPERSION TUBE & HEADER REQUIREMENT CHART			
TUBE CAPACITY (LBS/HR)	TUBE DIA	MIN. HEADER DIA	HEADER CAPACITY (LBS/HR)
35 OR LESS	1 1/2"	2"	UP TO 250
36-70	2"	3"	251-500
		4"	501-800
		5"	801-1300
		6"	1301-2100

1. TUBE SPACING DETERMINED BY ABSORPTION DISTANCE AND ENTERING AND LEAVING % R.H. (SEE CATALOG FOR ABSORPTION DISTANCE CHART).
2. TUBE CAPACITY EQUALS TOTAL CAPACITY DIVIDED BY TUBE QTY.(SEE OM-607).
3. TUBE AND HEADER DIAMETER DETERMINED BY TUBE CAPACITY.
4. MINIMUM HEADER DIA CAPACITY MUST MEET OR EXCEED TOTAL CAPACITY REQUIREMENTS.
5. ACTIVE LENGTHS OF LESS THAN 16" ON A 1 1/2" DIA HAVE REDUCED CAPACITIES FOR LOAD CALCULATIONS. CONTACT DRI-STEEM.

INSTALLER TO PROVIDE 2" DROP PRIOR TO 5" X 3/4" NPT WATER SEAL, THEN RUN TO OPEN DRAIN

HEADER DIA	2"	3"	4"	5"	6"
H=	L+19	L+20	L+21	L+22	L+23

HEADER LENGTH = A+W+3_____
TUBELET QTY_____

REV	DATE	RECORD
D	1/27/16	EC# 6445
C	11-17-08	EC# 4757
B	9-14-07	EC# 4576
DATE: 9-16-02		DWG: OM-870