

11.

11.6.

가

. 가 가 .

(1)

1-1 .

(2)

가 .

가 가 가

. , , , ,

가 .

,

가 .

가 .

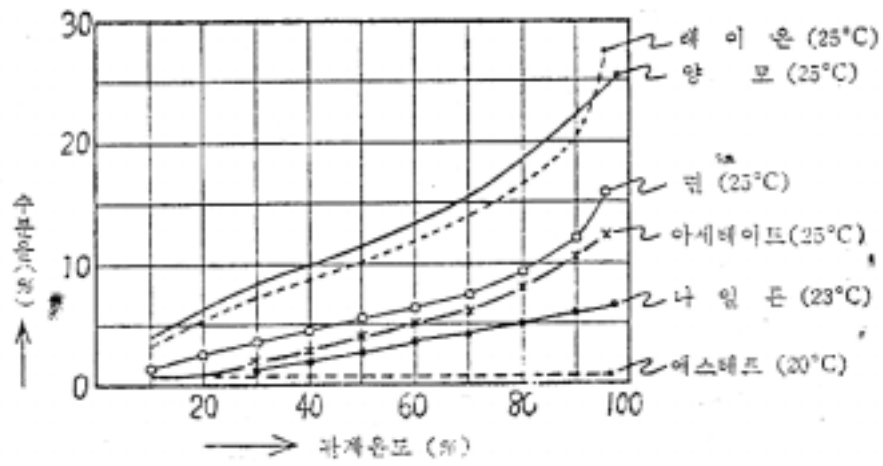
() 가 가 .

() .

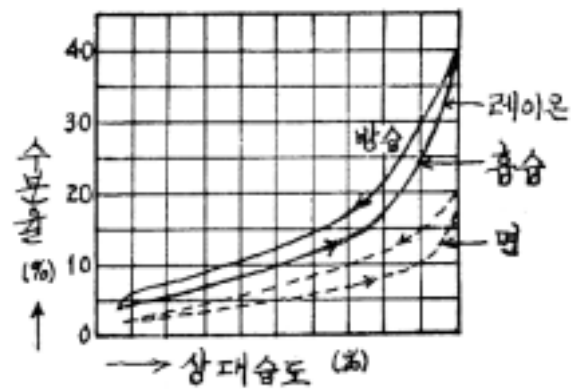
11-16 ,

(hysteresis)가 .

가 ,



11-15



11-16

(3)

가

(風綿)

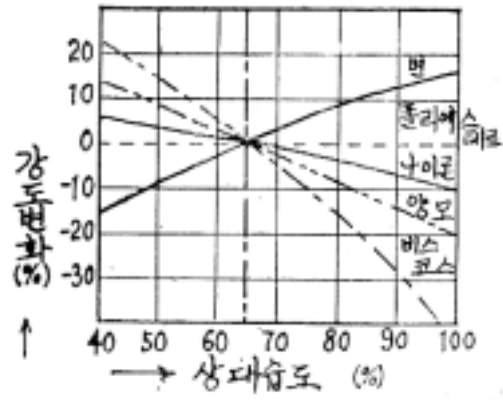
가

11-18

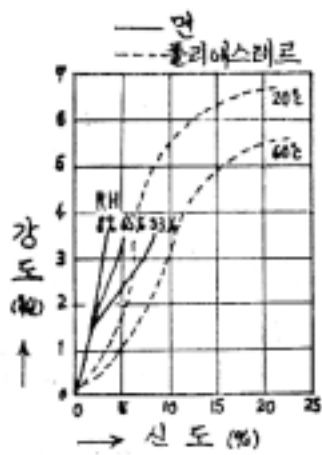
가 가

가 가

가



11-17

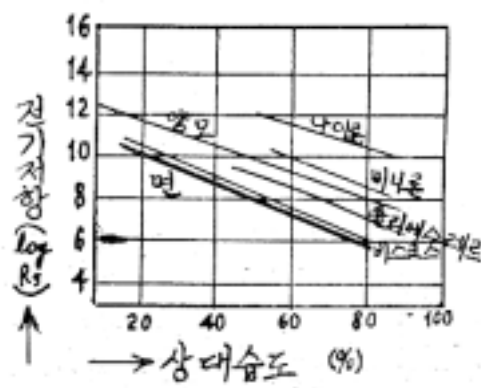


11-18

(4)

가

가



11-19

가

가

(,) , (油劑)

가

.

(5)

가 .
가 .
가 .

(6)

,
 .

11-1.

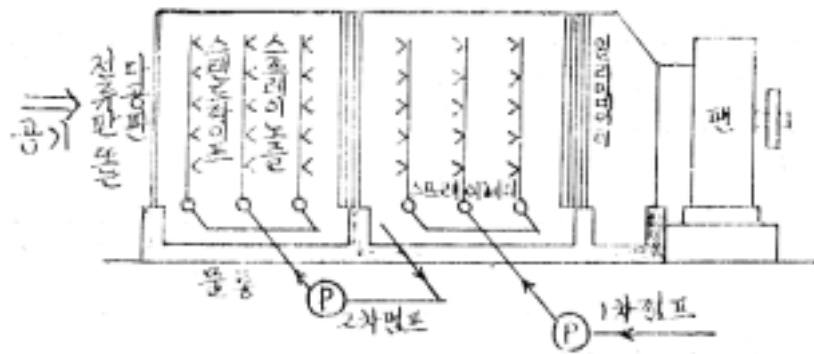
		()	(%)	()	(%)
		24~27	45~55	21~24	45~55
		24~27	50~60	21~24	50~60
		24~27	50~65	21~24	50~65

11.7.

. , 가 ,
가 가 .
 .

(1) (横型) (air washer)

1) 3 2



11-20

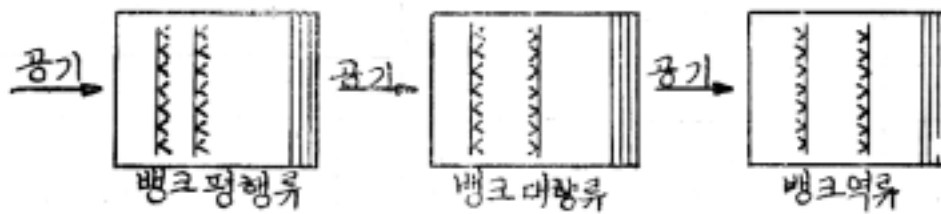
(spray header)가 2 2 , 3 3

(stand pipe) ,

(spray nozzle) . 1 2

1 (eliminator)

2)



11-21

가 .

2 .

80~90%

85~95%

90~98%

3)

18

.

4)

22~28

11-22

6

3

(水路)

.

(P)

가 30mm,

50mm

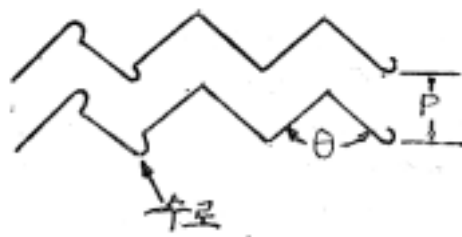
Θ 120°

.

2.5m/sec

.

.



11-22

5)

(整流板)

3 (折)

(louver)

6)

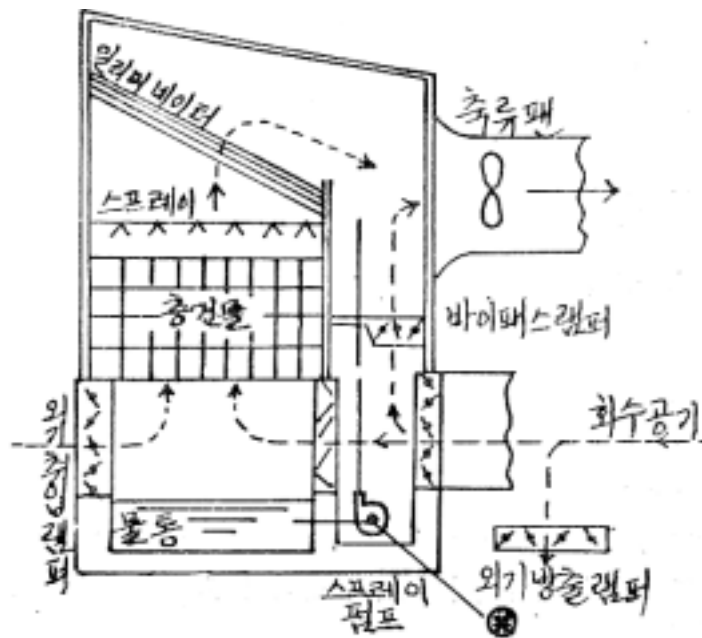
2kg/cm²

1.5~2kg/cm²

가

가

가



11-23

(2)

가

. (11-23)

(3)

가 가

11-2.

()		(%)	(%)	(mmAg)	
	()	100	45~60	10~125	
	()	175	70~80	125~250	
	()	112	55~65	10~150	
	()	128	70~85	125~250	
	가 (guide vane)	98	60~85	0~55	
	가	88	30~65	0~19	

$$Q_1 = \frac{N_1}{N} Q$$

$$P_1 = \left(\frac{N_1}{N} \right)^2 P$$

$$HP_1 = \left(\frac{N_1}{N} \right)^3 HP$$

단, Q : 풍량

P : 정압

HP : 동력

N : 회전수

(4)

5

< >

0 1t 24 0

79.68kcal/kg

79,680kcal/24h 1

11-3.

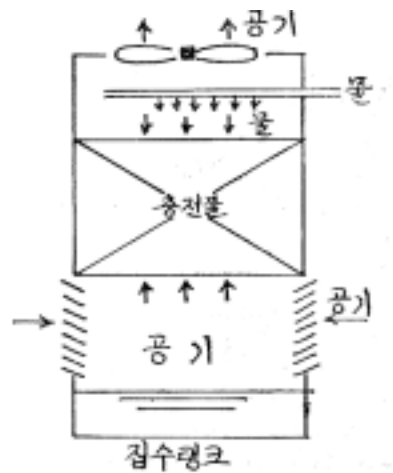
		가	30~3,000t
		가 ,	1/4~300t
			~300t
			50~1,000t

(5) (冷却塔 : cooling tower)

,
가

(大氣式)

3 가 .



11-24

(6)

1) (深井戸)

3 가 .

(air lift)

2)

(渦卷) 가 .

(volute) (turbine) .

3) 2 (11-25)

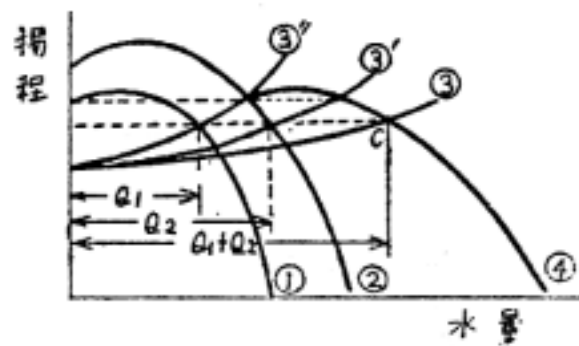
2 ,

. (管路) , c가

Q_1+Q_2 (揚水)

가

가



11-25

가 "

.

4) 2 (11-26)

2

가 .

1 가

1

,

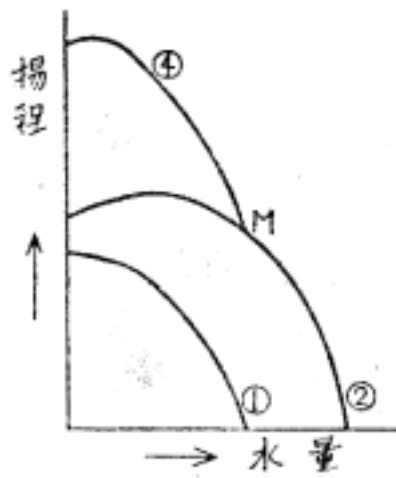
(M)

가

.

(押入)

.



11-26