

III. EQUIPMENT SPECIFICATION

NO.	DESCRIPTION
1.	INLET SEPARATOR
2.	CONTACTOR TOWER
3.	EXHAUST FAN
4.	MAKE-UP TANK (EMERGENCY)
5.	INSTRUMENTS

12-8-8	FOR APPROVAL	J.H. CHOI		H.S. GO	
DATE	DESCRIPTION	PRE'D	CHK'D	APP'D	APP'D

1. INLET SEPARATOR

MAKER	:	---
CAPACITY	:	10 CMM @ 25°C
DIMENSION	:	0.34 mW × 0.74 mH (SHELL : 6T, BOTTOM : 6T)
NO. OF UNIT	:	1 SET
MATERIAL	:	P.P
TYPE	:	HORIZONTAL
INTERNAL TYPE	:	CHEVRON × 2 STAGE
VELOCITY (ACTUAL)	:	2.89 m/sec

2. CONTACTOR TOWER**2-1. CONTACTOR TOWER (BUBBLE CAP TYPE)**

MAKER	:	---
TYPE	:	VERTICAL ROUND
MATERIAL	:	P.P
CAPACITY	:	10 CMM @ 25°C
DIMENSION	:	0.7 mD × 3.7 mH (SHELL : 6T, BOTTOM : 10T)
NO. OF UNIT	:	1 SET

BUBBLE CAP TRAY

TYPE	:	STRAIGHT DOWNCOMER
MATERIAL	:	P.P
TRAY DIAMETER	:	0.7 mD
SPACING OF TRAYS	:	305 mm
VELOCITY (ACTUAL)	:	0.43 m/sec

NO. OF TRAY : 5 STAGE/ SET

BUBBLE CAP

CAP DIAMETER : 80 mmD ⇒ 3 inch

SPACING OF CAP : 104 mm

VELOCITY (ACTUAL) : 0.96 m/sec

NO. OF CAP (FOR 1 TRAY) : 18 EA

NO. OF SLOT (FOR 1 CAP) : 24 EA

AREA OF SLOT (FOR 1 CAP) : 0.001 m² (4mmW By 10mmH)

MATERIAL : P.P

STRUCTURE PACKING

TYPE : YORK

MATERIAL : P.P

DIAMETER : 0.45 mD × 0.2 T

VELOCITY (ACTUAL) : 1 m/sec

NO. OF UNIT : 1 SET .

2-2. CONTACTOR TOWER (PACKED TYPE)

MAKER : ---

TYPE : VERTICAL ROUND

MATERIAL : P.P

CAPACITY : 10 CMM @ 25°C

DIMENSION : 0.7 mD × 4.9 mH (SHELL : 6T, BOTTOM : 10T)

NO. OF UNIT : 1 SET

PACKING SPECIFICATION

PACKING TYPE : TRI-PACKING 1"

EQUIPMENT SPECIFICATION

FOR DEHYDRATION SYSTEM

MATERIAL	:	P.P
SPECIFIC AREA	:	273 m ² /m ³
DIMENSION	:	0.7 mD × 1 mH × 2 STAGE
VOLUME	:	1 m ³

3. EXHAUST FAN

MAKER	:	---
TYPE	:	TURBO, V-BELT TYPE
MATERIAL	:	IMPELLER - SPHC HOUSING - GC200 SHAFT - SM45C
CAPACITY	:	15 CMM × 450 mmAq × 5 HP
NO. OF UNIT	:	1 SET
REVOLUTION	:	3520 r.p.m
COLOR	:	GRAY (C-50590)

MOTOR SPECIFICATION

MAKER	:	HICO
INSULATION	:	IP54
SPECIFICATION	:	5HP × 220V/380V × 3φ × 4P × 60Hz HIGH EFFICIENCY, INVERTER
ACCESSORIES	:	BELT COVER 하부 DRAIN NOZZLE (50A)

4. MAKE-UP TANK (EMERGENCY)

TYPE	:	VERTICAL ROUND (하부 DRAIN)
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MATERIAL	:	P.E
CAPACITY	:	500 Liter
NO. OF UNIT	:	1 SET
ACCESSORIES	:	STEEL SUPPORT & LEVEL GAUGE

5. INSTRUMENTS

5-1. CONTROL PANEL (FAN - ON/OFF)

TYPE	:	SS400, 자립형
MATERIAL	:	SS400
NO. OF UNIT	:	1 SET
DIMENSION	:	0.7 mW × 1.5 mH

5-2. BALEM VALVE (TOWER 수위조절용)

TYPE	:	MAKER STANDARD
MATERIAL	:	STS304
USE PRESSURE	:	0.05 ~ 0.98 MPA
CONN. DIM.	:	15 A