

## 1.2 Dust Filter

Volume	21 m <sup>3</sup> /min
Dust	Bottom Ash Dust
Operating Temperature	Max. 80 °C
Design Temperature	Max. 80 °C
Operating Pressure	-550 mmAq
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Filter Type	Snap Ring
Operating Type	On-Line
On-Line Cleaning Scheme	1-Valve Simultaneous Pulsing
On-Line Cleaning Interval	12 Sec for Each Pulsing
Bag Filter Contour	Polyester
Chamber	1 Set
Bag Quantity	20 pc
Bag Size	Ø156 x 2,100 mm
Filter Area Per Bag	1.03 m <sup>2</sup>
Filter Area Total	17.6 m <sup>2</sup>
A.C. Ratio	1.15 m/min
Pressure Drop (clean/dirty)	30 / 150 mmAq
Compressed Air Pressure	6 kg/cm <sup>2</sup>
Compressed Air Consumption	0.28 Nm <sup>3</sup> /min

**Body Housing**

Type	Square
Size	□1,180 x 960 x 2,300H
Material	SS400, t4.5 ( Tube Sheet t6 )
Quantity	1 Set

**Hopper**

Type	Pyramid
Size	□1,180 x 960 x 1,150H
Material	SS400, t4.5
Man Hole	SQ300
Quantity	1 Set

**Structure**

Type	□-150 x 75 x 6.5 x 10t
Material	SS400
Quantity	1 Sets

**Stack**

Type	Round
Material	SS400
Quantity	1 Sets

**Ladder & Handrail**

Material	SS400
Quantity	1 Sets

**Filter Bag**

Type	Snap Ring
Material	Polyester
Industry Basis Weight	550 g/m2
Treatment	Anti-static
Size	Ø156 x 1,800 mm
Fixture	Snap ring type
Quantity	20 pc

**Bag Cage**

Material	SS400
Size	Ø150 x 1,800 mm
Quantity	20 pc

**Air Header & Diaphragm Valve**

Air Header	TAH-25P-5825M-220X5
Material	Die-cast Aluminum
Size	Φ150

**Diaphragm Valve**

Material	Diaphragm Seat	Elastomer
	Housing	Die-cast Aluminum
Size	25A ( PT 1" )	
Quantity	5 pc	
Maker	TAEHA MACHINERY COMPANY.( KOREA ).	

**Solenoid Valve**

Maker	TAEHA MACHINERY COMPANY.( KOREA ).
Material	Aluminum
Model	TS-10N08-235 (6P)
Electric Power	AC 230V x 50Hz
Quantity	1 Set

**Air Unit**

Maker	Parker
Type	Filter + Regulator
Size	15A
Quantity	1 pc

**Time Controller**

Maker	TAEHA MACHINERY COMPANY.( KOREA )
Model	TNE-6
Pulse Time	100ms
Cycle Time	12 sec
Electric Power	230V x 50Hz
Quantity	1 pc