

## Technical Specifications

### Pretreatment Dry Off & Finish Coat Bake Ovens

#### Description Of System :

- 1- Oven encloser
- 2- Combustion Equipment
- 3- Hot Air Circulation Fan and Duct
- 4- Automatic Safety Device and Control Panel

**Year of Commissioning : 1987 ~ 88**

Sr	Parameters		Dry-Off Oven	Bake Oven
1	Type		Light Diesel Oil	←
2	Dimensions		L=14 M, W=3 M, H=2.4 M (Heating Zone : 16.5 ml)	L=16.7 M, W=3 M, H=2.4 M (Heating Zone : 22 ml)
3	Conveyor Speed		1.1 m / minutes	1.1 m / minutes
4	Pass time		15 minutes	20 minutes
5	Temperature Inside Oven		150 ° C Max.	160 ° C
6	Heating - up Time (10 ° C →Set Temp.)		40 minutes	40 minutes
7	Heat Loss	Heating -up	202,000 Kcal / Hrs	264,600 Kcal / Hrs
		Normal	82,600 Kcal / Hrs	100,900 Kcal / Hrs
8	L. D. Oil Consumption	Heating -up	32 kg / Hrs	42 kg / Hrs
		Normal	13 kg / Hrs	16 kg / Hrs
9	Hot Air Circulation System		Limit load fan 1 unit 200m <sup>3</sup> / min x 55mm x 5.5kw Heat Resistant Type	Limit load fan 1 unit 200m <sup>3</sup> / min x 80mm x 5.5kw Heat Resistant Type
10	Ventilation		5 Times / min	3.7 Times / min
11	Burner Unit		L3ZAD - C	L3ZAD - C
12	Filter	Air Outlet	None	KR-40 500sq 12 Sheets
		Circulation	KR-80 500sq 12 Sheets	KR-80 500sq 12 Sheets
		Fresh Air Intake	KR-200 500sq 1 Sheet	KR-200 500sq 1 Sheet
13	Temperature Recorder		6 Points Temperature Recorder 0 - 300 0 C 2 Units	
14	Furnance		HZRB 20H18	HZRB 20H18
15	Exhaust Fan		Sirocco fan 1 Unit 100m <sup>3</sup> / min x 30mm x 1.5kw	Sirocco fan 1 Unit 100m <sup>3</sup> / min x 30mm x 1.5kw
16	Exhaust Fan (Purge)		Sirocco fan 60m <sup>3</sup> / min x 30mm x 1.125kw x 1Unit	