

Technical Specifications

Name of Machine : Indirect Air Heater

Model No. : HZ - B - 20H18, HZ - B - 30H23

Year of Commissioning : 1987 ~ 88

Machine Maker : M/s Nissin Industrial Co. Ltd. Japan

| Sr | Parameters | Units | Specifications | | |
|----|--------------------|----------------------|---------------------------------------|---|---|
| | | | Water Separate (HZ - B - 20H18) | Finish Oven (HZ - B - 30H23) | |
| 1 | Thermal efficiency | % | Ø = 70 % | | |
| 4 | Air Volume | Nm ³ /min | 126.1 | 120.5 to 126.1 | |
| 5 | Heat Capacity | Kcal/Hr | 82600 to 165750 | 100900 to 27200 | |
| 6 | Temp. Curve | °C | 125.3 to 160 | 135 to 180 | |
| 7 | Fuel | | Light Oil | | |
| 8 | Fuel Consumption | Kcal/Hr | 287400 | 450000 | |
| 9 | Control System | | Hi - Low - Off | | |
| 10 | Casing Dimensions | mm | H=1400, W=2100, L=2700 | H=1400, W=2300, L=2900 | |
| 11 | Heating Insulation | m/m | 150m/m Rockwool, 1.2m/m Steel Package | | |
| 12 | Painting | | Heat Resisting Sliver Painting | | |
| 13 | Burner | Type | 13ZAD - C (Monarch Make) for both | | |
| 14 | Heat Exchanger | Type | HR800-126N18-165 | HR800-120N23-272 | |
| | | Heat Area | m ² | 18 | 23 |
| | | Capacity | Kcal/Hr | 165750 Kcal/Hr, 200m ³ /min (90.3 °C ~ 160 °C) | 165750 Kcal/Hr, 200m ³ /min (90.3 °C ~ 160 °C) |
| 15 | Blower (Exhaurer) | Type | LAF - 2 1/2 | | |
| | | Motor | kw/volts | 1.5 kw / 415 volts | 2.2 kw / 415 volts |
| | | Capacity | m ³ /min | 28.7m ³ /min, 65mmAq at 250°C | 46.9m ³ /min, 65mmAq at 250°C |