

# BOILER PERFORMANCE & STANDARD SPECIFICATIONS

| Item           |                               |                      | Model   | MD-750K   | MD-750KE |  |
|----------------|-------------------------------|----------------------|---------|-----------|----------|--|
| Performance    | Equivalent output             |                      | Kg/h    | 750       |          |  |
|                | Heat output                   |                      | Kcal/h  | 404300    |          |  |
|                | Heating surface area          |                      | m²      | 9.5       |          |  |
|                | Max. pressure                 |                      | Kgf/cm² | 10        |          |  |
|                | Water content                 |                      | L       | 159       |          |  |
|                | Boiler efficiency             |                      | %       | 88        | 92       |  |
|                | Water preheater               |                      | -       | NONE      | HAVE     |  |
|                | Combustion type               |                      | -       | TWO-STAGE |          |  |
|                | Fuel consumption              |                      | L/h     | 54.7      | 52.3     |  |
|                | Electrical power capacity     |                      | Kw      | 3.6       |          |  |
|                | Power of auxiliary equipments | Water pump motor     |         | Kw        | 1.5      |  |
|                |                               | Exhausting fan motor |         |           | 1.5      |  |
|                |                               | Injection pump motor |         |           | 0.4      |  |
|                |                               | Control panel        |         |           | 0.2      |  |
| Product weight |                               | Kg                   | 1050    | 1260      |          |  |
| Pipe diameters | Fuel inlet dia                |                      | mm      | 15        |          |  |
|                | Feed water inlet dia          |                      |         | 25        |          |  |
|                | Steam outlet dia              |                      |         | 40        |          |  |
|                | Boiler-water drain dia        |                      |         | 25        |          |  |
|                | Safety valve outlet dia       |                      |         | 25        |          |  |
|                | Auto discharge dia            |                      |         | -         |          |  |
|                | Chimney dia                   |                      | Ømm     | 250       |          |  |
|                | Power wire inlet dia          |                      | mm²     | 3.5       |          |  |
| Size           | Boiler Dimensions             | Length               | mm      | 1392      | 1585     |  |
|                |                               | Width                |         | 1148      | 1148     |  |
|                |                               | Height               |         | 2305      | 2305     |  |

## NOTE :

- MD-\*\*\*K indicates Diesel boiler.
- Standard power is 3HP/220V/60HZ. Notice of change, if any, is required.
- Fuel consumption is calculated at low heat valve : Diesel 8400 kcal / l.
- Partial modification for improvement is allowed without notice.
- Boiler efficiency tolerance value ±1%

