



| 1. Materials |                          |
|--------------|--------------------------|
| Plates       | : Stainless steel 1.4401 |
| Connections  | : Stainless steel 1.4401 |
| Brazed point | : Copper 99,9%           |
| Nameplate    | Heat-resistant Plate     |

| 2. Operation Conditions          |             |
|----------------------------------|-------------|
| Ambient Temperature in Operation | 5...40 °C   |
| at transporting and stocking     | -40...80 °C |
| max. valid pressure (U):         | 30 bar      |
| Inspection pressure:             | 45 bar      |
| min. valid temperature:          | - 50 °C     |
| max. valid temperature:          | + 195 °C    |
| max. dT <sub>prim</sub> /sek.:   | 150 °C      |

| 3. Safety Instructions              |  |
|-------------------------------------|--|
| (as far as applicable )             |  |
| DIN EN 12828                        |  |
| safety equipment of heating-systems |  |
| DIN 4753                            |  |
| DIN 1988 parts 1 - 7                |  |

| 4. Unit based data |            |       |                |         |         |             |
|--------------------|------------|-------|----------------|---------|---------|-------------|
| Plate-number       | Volume (l) |       | Dimension (mm) |         |         | Weight (kg) |
|                    | H1/H4      | H2/H3 | Length L       | Width W | Hight H |             |
| 6                  | 0,25       | 0,38  | 49             | 124     | 532     | 4,7         |
| 8                  | 0,38       | 0,50  | 53             | 124     | 532     | 5,1         |
| 10                 | 0,5        | 0,63  | 58             | 124     | 532     | 5,5         |
| 14                 | 0,76       | 0,88  | 67             | 124     | 532     | 6,3         |
| 20                 | 1,13       | 1,26  | 81             | 124     | 532     | 7,5         |
| 24                 | 1,39       | 1,51  | 90             | 124     | 532     | 8,3         |
| 30                 | 1,76       | 1,89  | 104            | 124     | 532     | 9,5         |
| 40                 | 2,39       | 2,52  | 127            | 124     | 532     | 11,5        |
| 50                 | 3,02       | 3,15  | 150            | 124     | 532     | 13,5        |
| 60                 | 3,65       | 3,78  | 173            | 124     | 532     | 15,5        |
| 80                 | 4,91       | 5,04  | 219            | 124     | 532     | 19,5        |
| 100                | 6,17       | 6,30  | 265            | 124     | 532     | 23,5        |

## Copper brazed Plateheatexchanger - Construction

### OMC 60 / .....AE

all connections on a site

Connection outside thread **G 1 1/4**