

## CENTRIFUGAL EVAPORATOR UNIT

### CONSTRUCTION CHARACTERISTICS

- ~ 16 mm O.D. seamless copper tube expanded into aluminium fins; stainless steel tube on request
- ~ casing in white pre-coated aluminium and galvanized steel or stainless steel on request
- ~ centrifugal fan with galvanized steel casing, high efficiency motor 4 poles or 6 poles 400V/3F/50Hz inverter driven (not included)
- ~ speed setting by pulley, static pressure available for canalization
- ~ on request: prefiltering air system, acoustic treatment, protective treatment of coils and brine mode use

### DEFROST

- ~ AIR: "A" without defrost system
- ~ WATER: "W" by means of sparge pipe
- ~ ELECTRIC: "E" stainless steel sheathed electric heaters, vulcanized terminals, connected at 400V into a water resistant junction box
- ~ SPECIAL: compound defrost + electric, hot gas defrost

## RADIALVERDAMPFER

### KONSTRUKTIVE MERKMALE

- ~ *Nahtlos gezogenes Cu-Rohr 16 mm durch Expansion fest mit Den AL-Lamellen verbunden. Edelstahlrohre auf Wunsch möglich.*
- ~ *Gehäuse aus weiss beschichtetem Aluminium, verzinktem Stahl oder auf Wunsch Edelstahl*
- ~ *Radialventilator mit verzinktem Gehäuse, Hochleistungsmotor 4-polig und 6-polig für 400V/3~/50Hz, geeignet zum Betrieb mit FU*
- ~ *Ventilator Drehzahl über Riemenantrieb variierbar, stat. Druck für Kanalsysteme vorhanden*
- ~ *auf Anfrage: Vorfilterung der Luft, Schallschutz, Beschichtung des Wärmetauschers und Solebetrieb*

### ABTAUUNG

- ~ *LUFT: "A" ohne zusätzliche Abtauung*
- ~ *WASSER: "W" mittels Warmwasser*
- ~ *ELEKTRISCH: "E" Edelstahl-Heizstäbe, vulkanisierte Anschlüsse auf wassergeschützten Klemmkasten geführt*
- ~ *SPEZIELL: kombinierte Abtauung Heissgas + elektrisch*



| Model<br>Modell<br>10-1830<br>12-1650<br>16-1860<br>20-2200<br>24-2200 | Air Flow<br>Luftmenge | Static Pressure<br>Pressione Statica | Air Throw<br>Wurfweite | Capacity<br>Leistung<br>Tc=0°C<br>DT 8K | Surface<br>Oberfläche | Internal Volume<br>Volumen | Motorfans<br>Ventilator |                       |         |           | Sound Pressure<br>Schalldruckpegel | Electrical Defrost<br>El. Abtaugung | Water Defrost<br>Warmwasserabtaugung | Weight<br>Gewicht | Connections<br>Anschluss |
|--|-----------------------|--------------------------------------|------------------------|---|-----------------------|----------------------------|-------------------------|-----------------------|---------|-----------|------------------------------------|-------------------------------------|--------------------------------------|-------------------|--------------------------|
|  |                       |                                      |                        |   |                       |                            | type                    | Spannung 400V/3F/50Hz |         |           |                                    |                                     |                                      |                   |                          |
| UTE  | m³/h                  | Pa                                   | m                      | kW                                      | m²                    | dm³                        | n°                      | rmp                   | nxkW    | A         | dB(A)                              | kW                                  | l/h                                  | kg                | IN/OUT<br>Ø mm           |
| Fin Space - 4 mm   |                       |                                      |                        |   |                       |                            |                         |                       |         |           |                                    |                                     |                                      |                   |                          |
| UTE 10 1 S12   | 5000                  | 80                                   | 33                     | 14,3                                    | 100                   | 23                         | 1 x AT10/10             | 1050                  | 1 x 1,1 | 2,7       | 58                                 | 4,6                                 | 3900                                 | 290               | 22-35                    |
| UTE 10 2 S12   | 10000                 | 80                                   | 33                     | 28,7                                    | 200                   | 46                         | 2 x AT10/10             | 1050                  | 2 x 1,1 | 5,4       | 61                                 | 9,0                                 | 7800                                 | 540               | 28-42                    |
| UTE 15 1 S12   | 10000                 | 130                                  | 47                     | 29,4                                    | 210                   | 49                         | 1 x AT15/15             | 760                   | 1 x 2,2 | 4,9       | 62                                 | 10,4                                | 6900                                 | 360               | 22-35                    |
| UTE 15 2 S12   | 20000                 | 130                                  | 47                     | 58,8                                    | 420                   | 98                         | 2 x AT15/15             | 760                   | 2 x 2,2 | 9,8       | 65                                 | 20,5                                | 13800                                | 660               | 28-42                    |
| UTE 18 1 S12   | 16000                 | 220                                  | 65                     | 46,1                                    | 316                   | 74                         | 1 x AT18/18             | 730                   | 1 x 4   | 8,4       | 65                                 | 15,4                                | 7700                                 | 500               | 28-42                    |
| UTE 18 2 S12   | 32000                 | 220                                  | 65                     | 92,2                                    | 632                   | 148                        | 2 x AT18/18             | 730                   | 2 x 4   | 16,8      | 68                                 | 31,1                                | 15400                                | 900               | 35-42                    |
| * UTE 50 1 S12   | 20000                 | 200                                  | 61                     | 57,6                                    | 395                   | 92                         | 1 x ADH500              | 700                   | 1 x 5,5 | 11,2      | 63                                 | 19,4                                | 7700                                 | 620               | 35-42                    |
| * UTE 50 2 S12   | 40000                 | 200                                  | 61                     | 154,7                                   | 790                   | 184                        | 2 x ADH500              | 700                   | 2 x 5,5 | 22,4      | 66                                 | 38,9                                | 15400                                | 1000              | 35-67                    |
| * UTE 63 1 S12   | 30000                 | 180                                  | 73                     | 82,0                                    | 560                   | 130                        | 1 x ADH630              | 490                   | 1 x 7,5 | 14,7      | 60                                 | 27,0                                | 9200                                 | 750               | 35-54                    |
| * UTE 63 2 S12   | 60000                 | 180                                  | 73                     | 163,9                                   | 1120                  | 260                        | 2 x ADH630              | 490                   | 2 x 7,5 | 29,4      | 63                                 | 50,4                                | 18400                                | 1250              | 35-76                    |
| Fin Space - 6 mm   |                       |                                      |                        |   |                       |                            |                         |                       |         |           |                                    |                                     |                                      |                   |                          |
| UTE 10 1 M12   | 5000                  | 100                                  | 33                     | 12,8                                    | 69                    | 23                         | 1 x AT10/10             | 1050                  | 1 x 1,1 | 2,7       | 58                                 | 5,9                                 | 3900                                 | 290               | 22-35                    |
| UTE 10 2 M12   | 10000                 | 100                                  | 33                     | 25,5                                    | 138                   | 46                         | 2 x AT10/10             | 1050                  | 2 x 1,1 | 5,4       | 61                                 | 11,6                                | 7800                                 | 540               | 28-42                    |
| UTE 15 1 M12   | 10000                 | 150                                  | 47                     | 26,2                                    | 145                   | 49                         | 1 x AT15/15             | 760                   | 1 x 2,2 | 4,9       | 62                                 | 10,4                                | 6900                                 | 360               | 22-35                    |
| UTE 15 2 M12   | 20000                 | 150                                  | 47                     | 52,3                                    | 290                   | 98                         | 2 x AT15/15             | 760                   | 2 x 2,2 | 9,8       | 65                                 | 20,5                                | 13800                                | 660               | 28-42                    |
| UTE 18 1 M12   | 16000                 | 240                                  | 65                     | 41,0                                    | 218                   | 74                         | 1 x AT18/18             | 730                   | 1 x 4   | 8,4/11,2  | 65                                 | 15,4                                | 7700                                 | 500               | 28-42                    |
| UTE 18 2 M12   | 32000                 | 240                                  | 65                     | 82,0                                    | 436                   | 148                        | 2 x AT18/18             | 730                   | 2 x 4   | 16,8/22,4 | 68                                 | 31,1                                | 15400                                | 900               | 35-42                    |
| * UTE 50 1 M12   | 20000                 | 220                                  | 61                     | 51,3                                    | 273                   | 92                         | 1 x ADH500              | 700                   | 1 x 5,5 | 8,4/11,2  | 63                                 | 19,4                                | 7700                                 | 620               | 35-42                    |
| * UTE 50 2 M12   | 40000                 | 220                                  | 61                     | 102,6                                   | 545                   | 184                        | 2 x ADH500              | 700                   | 2 x 5,5 | 16,8/22,4 | 66                                 | 38,9                                | 15400                                | 1000              | 35-67                    |
| * UTE 63 1 M12   | 30000                 | 200                                  | 73                     | 73,0                                    | 386                   | 130                        | 1 x ADH630              | 490                   | 1 x 7,5 | 14,7      | 60                                 | 25,5                                | 9200                                 | 750               | 35-54                    |
| * UTE 63 2 M12   | 60000                 | 200                                  | 73                     | 145,9                                   | 773                   | 260                        | 2 x ADH630              | 490                   | 2 x 7,5 | 29,4      | 63                                 | 47,6                                | 18400                                | 1250              | 35-76                    |
| Fin Space - 8 mm   |                       |                                      |                        |   |                       |                            |                         |                       |         |           |                                    |                                     |                                      |                   |                          |
| UTE 10 1 L12   | 5000                  | 100                                  | 33                     | 11,5                                    | 53                    | 23                         | 1 x AT10/10             | 1050                  | 1 x 1,1 | 2,7       | 58                                 | 5,9                                 | 3900                                 | 290               | 22-35                    |
| UTE 10 2 L12   | 10000                 | 100                                  | 33                     | 22,9                                    | 106                   | 46                         | 2 x AT10/10             | 1050                  | 2 x 1,1 | 5,4       | 61                                 | 11,6                                | 7800                                 | 540               | 28-42                    |
| UTE 15 1 L12   | 10000                 | 150                                  | 47                     | 23,5                                    | 111                   | 49                         | 1 x AT15/15             | 760                   | 1 x 2,2 | 4,9       | 62                                 | 10,4                                | 6900                                 | 360               | 22-35                    |
| UTE 15 2 L12   | 20000                 | 150                                  | 47                     | 47,0                                    | 223                   | 98                         | 2 x AT15/15             | 760                   | 2 x 2,2 | 9,8       | 65                                 | 20,5                                | 13800                                | 660               | 28-42                    |
| UTE 18 1 L12   | 16000                 | 240                                  | 65                     | 36,9                                    | 167                   | 74                         | 1 x AT18/18             | 730                   | 1 x 4   | 8,4/11,2  | 65                                 | 15,4                                | 7700                                 | 500               | 28-42                    |
| UTE 18 2 L12   | 32000                 | 240                                  | 65                     | 73,7                                    | 335                   | 148                        | 2 x AT18/18             | 730                   | 2 x 4   | 16,8/22,4 | 68                                 | 31,1                                | 15400                                | 900               | 35-42                    |
| * UTE 50 1 L12   | 20000                 | 220                                  | 61                     | 46,1                                    | 209                   | 92                         | 1 x ADH500              | 700                   | 1 x 5,5 | 8,4/11,2  | 63                                 | 19,4                                | 7700                                 | 620               | 35-42                    |
| * UTE 50 2 L12   | 40000                 | 220                                  | 61                     | 92,2                                    | 419                   | 184                        | 2 x ADH500              | 700                   | 2 x 5,5 | 16,8/22,4 | 66                                 | 38,9                                | 15400                                | 1000              | 35-67                    |
| * UTE 63 1 L12   | 30000                 | 200                                  | 73                     | 65,6                                    | 297                   | 130                        | 1 x ADH630              | 490                   | 1 x 7,5 | 14,7      | 60                                 | 25,5                                | 9200                                 | 750               | 35-54                    |
| * UTE 63 2 L12   | 60000                 | 200                                  | 73                     | 131,1                                   | 594                   | 260                        | 2 x ADH630              | 490                   | 2 x 7,5 | 29,4      | 63                                 | 47,6                                | 18400                                | 1250              | 35-76                    |

\* su richiesta / on request

