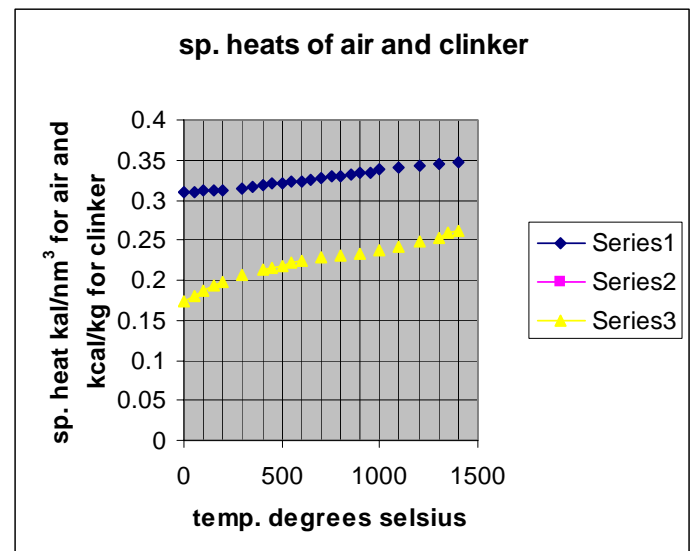


# 26 GRATE COOLERS

## W1.85 Sp. Heats of Air and Clinker

| Temp. degrees C | Sp. heat of air Kcal/nm <sup>3</sup> | Sp. heat of clinker Kcal/kg |
|-----------------|--------------------------------------|-----------------------------|
| 0               | 0.31                                 | 0.173                       |
| 50              | 0.31                                 | 0.18                        |
| 100             | 0.312                                | 0.1875                      |
| 150             | 0.3125                               | 0.193                       |
| 200             | 0.313                                | 0.1975                      |
| 250             |                                      |                             |
| 300             | 0.315                                | 0.206                       |
| 350             | 0.317                                |                             |
| 400             | 0.318                                | 0.213                       |
| 450             | 0.32                                 | 0.215                       |
| 500             | 0.321                                | 0.218                       |
| 550             | 0.3225                               | 0.221                       |
| 600             | 0.324                                | 0.2235                      |
| 650             | 0.325                                |                             |
| 700             | 0.3275                               | 0.2275                      |
| 750             | 0.329                                |                             |
| 800             | 0.33                                 | 0.231                       |
| 850             | 0.3325                               |                             |
| 900             | 0.334                                | 0.234                       |
| 950             | 0.335                                |                             |
| 1000            | 0.3375                               | 0.237                       |
| 1050            |                                      |                             |
| 1100            | 0.34                                 | 0.242                       |
| 1150            |                                      |                             |
| 1200            | 0.343                                | 0.2475                      |
| 1250            |                                      |                             |
| 1300            | 0.345                                | 0.253                       |
| 1350            |                                      | 0.26                        |
| 1400            | 0.347                                | 0.261                       |



Source : CPAG Handbook