



# Sound attenuation HS

## Closed circuit cooling towers

### Engineering data

**REMARK:** Do not use for construction. Refer to factory certified dimensions & weights. This page includes data current at time of publication, which should be reconfirmed at the time of purchase. In the interests of product improvement, specifications, weights and dimensions are subject to change without notice.

### General notes

1. All connections 100 mm and smaller are MPT. Connections larger than 100 mm are beveled for welding.
2. Fan kW is for HFL units without FDC (0 Pa ESP) and in wet operation. To operate against external static pressure up to 125 Pa, consult your local BAC representative for size and location.
3. Airflow is for HFL units without FDC. For airflow of units equipped with the FDC consult your local BAC representative.
4. Unit height is indicative, for precise value refer to certified print.
5. Shipping/operating weights indicated are for units without accessories such as sound attenuators, discharge hoods, etc. Consult factory certified prints to obtain weight additions and the heaviest section to be lifted.
6. The weights for the 3-way-valve arrangement are the maximum weights.

**Last update:** 22/04/2024

### Sound attenuation HS



1. Access; 2. FDC; 3. Discharge attenuator; 4. Intake attenuator HS; 5. Intake attenuator HD; 6. Three-way valve arrangement.



| Model      | Weight Sound Attenuator Without Plenum (kg) |           |       | Weight Sound Attenuator With Plenum (kg) |           |       |
|------------|---------------------------------------------|-----------|-------|------------------------------------------|-----------|-------|
|            | Intake                                      | Discharge | Total | Intake                                   | Discharge | Total |
| HFL 361-L  | 515                                         | 255       | 770   | 515                                      | 295       | 810   |
| HFL 361-M  | 515                                         | 255       | 770   | 515                                      | 295       | 810   |
| HFL 362-M  | 515                                         | 255       | 770   | 515                                      | 295       | 810   |
| HFL 363-K  | 515                                         | 255       | 770   | 515                                      | 295       | 810   |
| HFL 363-M  | 515                                         | 255       | 770   | 515                                      | 295       | 810   |
| HFL 364-M  | 515                                         | 255       | 770   | 515                                      | 295       | 810   |
| HFL 481-M  | 515                                         | 315       | 830   | 515                                      | 365       | 880   |
| HFL 482-L  | 515                                         | 315       | 830   | 515                                      | 365       | 880   |
| HFL 483-L  | 515                                         | 315       | 830   | 515                                      | 365       | 880   |
| HFL 483-M  | 515                                         | 315       | 830   | 515                                      | 365       | 880   |
| HFL 484-M  | 515                                         | 315       | 830   | 515                                      | 365       | 880   |
| HFL 721-L  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 721-M  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 721-O  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 722-N  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 722-O  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 723-L  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 723-O  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 724-O  | 790                                         | 420       | 1210  | 790                                      | 465       | 1255  |
| HFL 961-P  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 962-N  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 962-O  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 962-P  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 963-O  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 963-P  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 964-O  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 964-P  | 790                                         | 510       | 1300  | 790                                      | 565       | 1355  |
| HFL 1081-O | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1081-P | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1082-O | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1082-P | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1083-O | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1083-P | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1084-O | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1084-P | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1084-Q | 1065                                        | 590       | 1655  | 1065                                     | 650       | 1715  |
| HFL 1441-Q | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1442-O | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1442-P | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1443-O | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1443-P | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1443-Q | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1444-O | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1444-P | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1444-Q | 1065                                        | 715       | 1780  | 1065                                     | 785       | 1850  |
| HFL 1501-L | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1501-M | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1501-O | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1502-N | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1502-O | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1503-L | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1503-O | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1504-O | 1580                                        | 840       | 2420  | 1580                                     | 930       | 2510  |
| HFL 1921-P | 1580                                        | 1020      | 2600  | 1580                                     | 1130      | 2710  |
| HFL 1922-N | 1580                                        | 1020      | 2600  | 1580                                     | 1130      | 2710  |
| HFL 1922-O | 1580                                        | 1020      | 2600  | 1580                                     | 1130      | 2710  |

|            |      |      |      |      |      |      |
|------------|------|------|------|------|------|------|
| HFL 1922-P | 1580 | 1020 | 2600 | 1580 | 1130 | 2710 |
| HFL 1923-O | 1580 | 1020 | 2600 | 1580 | 1130 | 2710 |
| HFL 1923-P | 1580 | 1020 | 2600 | 1580 | 1130 | 2710 |
| HFL 1924-P | 1580 | 1020 | 2600 | 1580 | 1130 | 2710 |
| HFL 2161-O | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2161-P | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2162-O | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2162-P | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2163-O | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2163-P | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2164-O | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2164-P | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2164-Q | 2130 | 1180 | 3310 | 2130 | 1300 | 3430 |
| HFL 2881-Q | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2882-O | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2882-P | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2883-O | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2883-P | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2883-Q | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2884-P | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |
| HFL 2884-Q | 2130 | 1430 | 3560 | 2130 | 1570 | 3700 |