

► CHD-HW/ST | PERFORMANCE

CHD-HW/ST | Performance Table

| MODEL | Nozzle Width (in.) | Max. FPM at Nozzle | Avg. FPM | Max. CFM | CFM at Nozzle | Outlet Velocity Uniformity | Number of Motors | Motor HP | Hot Water | | Steam | | Weight (lbs) |
|----------------|--------------------|--------------------|------------------|-------------------|-------------------|----------------------------|------------------|----------|-------------|------------------|-------------|------------------|--------------|
| | | | | | | | | | mbtu / Hour | Temp. Rise (° F) | mbtu / Hour | Temp. Rise (° F) | |
| CHD-1-36HW/ST | 36 | H 4218 L 2837 | H 3695 L 2487 | H 2899 L 1950 | H 2541 L 1710 | 95% | 1 | 3/4 | 97 | H 35 L 52 | 108 | H 39 L 58 | 206 |
| CHD-1-48HW/ST | 48 | H 4218 L 2837 | H 2771 L 1865 | H 3867 L 2601 | H 2559 L 1721 | 92% | 1 | 3/4 | 102 | H 37 L 54 | 108 | H 39 L 58 | 224 |
| CHD-1-60HW/ST | 60 | H 4218 L 2837 | H 2218 L 1493 | H 4374 L 2792 | H 2528 L 1703 | 91% | 1 | 3/4 | 100 | H 36 L 54 | 114 | H 41 L 61 | 255 |
| CHD-2-72HW/ST | 72 | H 4218 L 2837 | H 3696 L 2488 | H 5803 L 3903 | H 5082 L 3420 | 95% | 2 | 3/4 | 194 | H 35 L 52 | 202 | H 36 L 54 | 402 |
| CHD-2-84HW/ST | 84 | H 4218 L 2837 | H 3169 L 2133 | H 6766 L 4551 | H 5063 L 3382 | 93% | 2 | 3/4 | 205 | H 37 L 55 | 210 | H 38 L 57 | 415 |
| CHD-2-96HW/ST | 96 | H 4218 L 2837 | H 2773 L 1866 | H 7732 L 5201 | H 5081 L 3417 | 92% | 2 | 3/4 | 194 | H 35 L 52 | 215 | H 39 L 58 | 430 |
| CHD-2-108HW/ST | 108 | H 4218 L 2837 | H 2472 L 1661 | H 8216 L 5520 | H 5090 L 3421 | 95% | 2 | 3/4 | 192 | H 35 L 52 | 198 | H 36 L 54 | 455 |
| CHD-3-108HW/ST | 108 | H 4218 L 2837 | H 3702 L 2486 | H 8702 L 5853 | H 7623 L 5130 | 92% | 3 | 3/4 | 283 | H 34 L 51 | 292 | H 35 L 52 | 598 |
| CHD-3-120HW/ST | 120 | H 4218 L 2837 | H 3174 L 2134 | H 9668 L 6503 | H 7614 L 5127 | 95% | 3 | 3/4 | 307 | H 37 L 55 | 305 | H 37 L 55 | 615 |
| CHD-3-132HW/ST | 132 | H 4218 L 2837 | H 2792 L 1885 | H 10177 L 7155 | H 7589 L 5104 | 95% | 3 | 3/4 | 307 | H 37 L 55 | 326 | H 39 L 59 | 630 |
| CHD-4-144HW/ST | 144 | H 4218 L 2837 | H 3696 L 2488 | H 11606 L 7806 | H 10164 L 6840 | 95% | 4 | 3/4 | 388 | H 35 L 52 | 390 | H 35 L 52 | 794 |

! For a unit over 12 feet long, consult factory.

CHD-HW/ST | Sound Levels

| | | | | |
|------------|--------|-----------|--------|---|
| High Speed | 63 dBA | Low Speed | 56 dBA | Measured 10 ft. from unit in a free field based on a 1 motor unit |
|------------|--------|-----------|--------|---|

CHD-HW/ST | Single Phase Motor Options

| | | | | | |
|--------------------|-----|---------|-----|-----|---|
| Voltages available | 120 | 208/230 | 480 | 575 | For three phase motors, consult factory |
| Amp draw per motor | 8.0 | 3.6 | 2.0 | 1.5 | |



NOTE

When requesting a quote for a Hot Water/Steam heated air curtain, please provide:

- Specifics of water/steam entering and exiting the air curtain
- Location for water/steam supplies and returns (both on one side or one each side)