

Coi Tech SLKL-H Capacity Chart

| Size Orifice diameter | Air @ 0 Deg C (Nm ³ /hr) | | | | | | | |
|--------------------------|-------------------------------------|------|------|------|----|--------|--------|----|
| | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1.1/4" | 1.1/2" | 2" |
| | 8 | 10 | 10 | 14 | 18 | 25 | 30 | 38 |

| Set Pressure (BarG) | Discharge Co-efficient 0.846 | | | | | | | |
|---------------------|------------------------------|-----|-----|-------|-------|-------|-------|--------|
| 0.5 | 45 | 71 | 71 | 140 | 231 | 446 | 643 | 1,031 |
| 1 | 61 | 95 | 95 | 187 | 310 | 598 | 861 | 1,382 |
| 1.5 | 77 | 120 | 120 | 236 | 390 | 754 | 1,086 | 1,742 |
| 2 | 93 | 145 | 145 | 285 | 471 | 910 | 1,310 | 2,102 |
| 2.5 | 109 | 170 | 170 | 334 | 552 | 1,065 | 1,534 | 2,462 |
| 3 | 125 | 195 | 195 | 383 | 633 | 1,221 | 1,759 | 2,822 |
| 3.5 | 141 | 220 | 220 | 432 | 714 | 1,377 | 1,983 | 3,183 |
| 4 | 157 | 245 | 245 | 480 | 795 | 1,533 | 2,208 | 3,543 |
| 4.5 | 173 | 270 | 270 | 529 | 876 | 1,689 | 2,433 | 3,903 |
| 5 | 189 | 295 | 295 | 578 | 956 | 1,845 | 2,657 | 4,264 |
| 5.5 | 205 | 320 | 320 | 627 | 1,037 | 2,001 | 2,882 | 4,624 |
| 6 | 220 | 345 | 345 | 676 | 1,118 | 2,157 | 3,107 | 4,985 |
| 6.5 | 236 | 370 | 370 | 725 | 1,199 | 2,313 | 3,332 | 5,346 |
| 7 | 253 | 395 | 395 | 774 | 1,280 | 2,470 | 3,556 | 5,706 |
| 7.5 | 268 | 420 | 420 | 823 | 1,361 | 2,626 | 3,781 | 6,067 |
| 8 | 284 | 445 | 445 | 872 | 1,442 | 2,782 | 4,006 | 6,428 |
| 8.5 | 300 | 470 | 470 | 921 | 1,523 | 2,938 | 4,231 | 6,789 |
| 9 | 317 | 495 | 495 | 970 | 1,604 | 3,094 | 4,456 | 7,150 |
| 9.5 | 332 | 520 | 520 | 1,019 | 1,685 | 3,251 | 4,681 | 7,511 |
| 10 | 348 | 545 | 545 | 1,068 | 1,766 | 3,407 | 4,906 | 7,872 |
| 10.5 | 364 | 570 | 570 | 1,117 | 1,847 | 3,563 | 5,131 | 8,233 |
| 11 | 380 | 595 | 595 | 1,166 | 1,928 | 3,720 | 5,357 | 8,595 |
| 11.5 | 397 | 620 | 620 | 1,215 | 2,009 | 3,876 | 5,582 | 8,956 |
| 12 | 413 | 645 | 645 | 1,264 | 2,090 | 4,033 | 5,807 | 9,317 |
| 12.5 | 429 | 670 | 670 | 1,313 | 2,171 | 4,189 | 6,032 | 9,679 |
| 13 | 445 | 695 | 695 | 1,362 | 2,252 | 4,345 | 6,258 | 10,040 |
| 13.5 | 461 | 720 | 720 | 1,411 | 2,334 | 4,502 | 6,483 | 10,402 |
| 14 | 477 | 745 | 745 | 1,461 | 2,415 | 4,658 | 6,708 | 10,763 |
| 14.5 | 493 | 770 | 770 | 1,510 | 2,496 | 4,815 | 6,934 | 11,125 |
| 15 | 509 | 795 | 795 | 1,559 | 2,577 | 4,971 | 7,159 | 11,487 |
| 15.5 | 525 | 820 | 820 | 1,608 | 2,658 | 5,128 | 7,385 | 11,848 |
| 16 | 541 | 845 | 845 | 1,657 | 2,739 | 5,285 | 7,610 | 12,210 |
| 16.5 | 557 | 870 | 870 | 1,706 | 2,820 | 5,441 | 7,836 | 12,572 |
| 17 | 573 | 895 | 895 | 1,755 | 2,902 | 5,598 | 8,061 | 12,934 |
| 17.5 | 589 | 920 | 920 | 1,804 | 2,983 | 5,754 | 8,287 | 13,296 |

+44 (0)1482 601030

WWW.FLOWSTAR.CO.UK

SALES@FLOWSTAR.CO.UK

flowstar

Coi Tech SLKL-H Capacity Chart

| Size Orifice diameter | Air @ 0 Deg C (Nm ³ /hr) | | | | | | | |
|--------------------------|-------------------------------------|------|------|------|----|--------|--------|----|
| | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1.1/4" | 1.1/2" | 2" |
| | 8 | 10 | 10 | 14 | 18 | 25 | 30 | 38 |

| Set Pressure (BarG) | Discharge Co-efficient 0.846 | | | | | | | |
|---------------------|------------------------------|-------|-------|-------|-------|--------|--------|--------|
| 18 | 605 | 945 | 945 | 1,853 | 3,064 | 5,911 | 8,512 | 13,658 |
| 18.5 | 621 | 970 | 970 | 1,903 | 3,145 | 6,068 | 8,738 | 14,020 |
| 19 | 637 | 996 | 996 | 1,952 | 3,227 | 6,225 | 8,964 | 14,382 |
| 19.5 | 653 | 1,021 | 1,021 | 2,001 | 3,308 | 6,381 | 9,189 | 14,744 |
| 20 | 669 | 1,046 | 1,046 | 2,050 | 3,389 | 6,538 | 9,415 | 15,106 |
| 20.5 | 685 | 1,071 | 1,071 | 2,099 | 3,470 | 6,695 | 9,641 | 15,468 |
| 21 | 701 | 1,096 | 1,096 | 2,148 | 3,552 | 6,852 | 9,866 | 15,830 |
| 21.5 | 717 | 1,121 | 1,121 | 2,197 | 3,633 | 7,008 | 10,092 | 16,193 |
| 22 | 733 | 1,146 | 1,146 | 2,247 | 3,714 | 7,165 | 10,318 | 16,555 |
| 22.5 | 749 | 1,171 | 1,171 | 2,296 | 3,795 | 7,322 | 10,544 | 16,917 |
| 23 | 765 | 1,196 | 1,196 | 2,345 | 3,877 | 7,479 | 10,770 | 17,280 |
| 23.5 | 781 | 1,221 | 1,221 | 2,394 | 3,958 | 7,636 | 10,996 | 17,642 |
| 24 | 798 | 1,246 | 1,246 | 2,443 | 4,039 | 7,793 | 11,221 | 18,004 |
| 24.5 | 814 | 1,272 | 1,272 | 2,493 | 4,121 | 7,949 | 11,447 | 18,367 |
| 25 | 830 | 1,297 | 1,297 | 2,542 | 4,202 | 8,106 | 11,673 | 18,729 |
| 25.5 | 846 | 1,322 | 1,322 | 2,591 | 4,283 | 8,263 | 11,899 | 19,092 |
| 26 | 862 | 1,347 | 1,347 | 2,640 | 4,365 | 8,420 | 12,125 | 19,454 |
| 26.5 | 878 | 1,372 | 1,372 | 2,689 | 4,446 | 8,577 | 12,351 | 19,817 |
| 27 | 894 | 1,397 | 1,397 | 2,739 | 4,528 | 8,734 | 12,577 | 20,180 |
| 27.5 | 910 | 1,422 | 1,422 | 2,788 | 4,609 | 8,891 | 12,803 | 20,542 |
| 28 | 926 | 1,447 | 1,447 | 2,837 | 4,690 | 9,048 | 13,029 | 20,905 |
| 28.5 | 942 | 1,472 | 1,472 | 2,886 | 4,772 | 9,205 | 13,255 | 21,268 |
| 29 | 958 | 1,497 | 1,497 | 2,936 | 4,853 | 9,362 | 13,481 | 21,630 |
| 29.5 | 974 | 1,523 | 1,523 | 2,985 | 4,934 | 9,519 | 13,707 | 21,993 |
| 30 | 990 | 1,548 | 1,548 | 3,034 | 5,016 | 9,676 | 13,934 | 22,356 |
| 30.5 | 1,007 | 1,573 | 1,573 | 3,083 | 5,097 | 9,833 | 14,160 | 22,719 |
| 31 | 1,023 | 1,598 | 1,598 | 3,133 | 5,179 | 9,990 | 14,386 | 23,081 |
| 31.5 | 1,039 | 1,623 | 1,623 | 3,182 | 5,260 | 10,147 | 14,612 | 23,444 |
| 32 | 1,055 | 1,648 | 1,648 | 3,231 | 5,341 | 10,304 | 14,838 | 23,807 |
| 32.5 | 1,071 | 1,673 | 1,673 | 3,280 | 5,423 | 10,461 | 15,064 | 24,170 |
| 33 | 1,087 | 1,699 | 1,699 | 3,330 | 5,504 | 10,618 | 15,290 | 24,533 |
| 33.5 | 1,103 | 1,724 | 1,724 | 3,379 | 5,586 | 10,775 | 15,516 | 24,896 |
| 34 | 1,119 | 1,749 | 1,749 | 3,428 | 5,667 | 10,932 | 15,743 | 25,258 |
| 34.5 | 1,135 | 1,774 | 1,774 | 3,477 | 5,749 | 11,089 | 15,969 | 25,621 |
| 35 | 1,151 | 1,799 | 1,799 | 3,527 | 5,830 | 11,246 | 16,195 | 25,984 |

+44 (0)1482 601030

WWW.FLOWSTAR.CO.UK

SALES@FLOWSTAR.CO.UK

flowstar