

AIR-COOLED INVERTER SCROLL CHILLER

eCOMFORT

EXTENDED RANGE

170 > 400 kW

DELIVERS ULTRA-EFFICIENCY
TO COMFORT AND INDUSTRIAL
PROCESS COOLING APPLICATIONS

LENNOX

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ULTRA
EFFICIENCY



ENVIRONMENTALLY
FRIENDLY



LEADING
ACCURACY



QUIET
RUNNING

STANDARD UNIT : STANDARD AC FANS AND STANDARD COMPRESSORS

| COOLING ONLY UNIT | | F BOX | | | G BOX | | H BOX | | | |
|---|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| eCOMFORT | | GAC | 170D | 200D | 230D | 270D | 300D | 330D | 370D | 400D |
| Cooling mode | | | | | | | | | | |
| Cooling capacity ⁽¹⁾ | kW | | 178,0 | 200,2 | 213,5 | 264,6 | 298,4 | 332,2 | 367,8 | 402,2 |
| Total absorbed power ⁽¹⁾ | | | 53,4 | 64,3 | 70,5 | 85,0 | 101,5 | 106,6 | 123,4 | 140,1 |
| EER ⁽¹⁾ | | | 3,3 | 3,1 | 3,0 | 3,1 | 2,9 | 3,1 | 3,0 | 2,9 |
| Eurovent energy class ⁽¹⁾ Full load operation | | | A | A | B | A | B | A | B | C |
| Comfort applications | Seasonal Energy Efficiency Ratio ⁽²⁾ SEER | | 5,0 | 4,9 | 4,9 | 4,9 | 4,9 | 4,8 | 4,9 | 5,0 |
| | Seasonal energy efficiency ⁽³⁾ η_{s,c} | | 196.3 | 192.7 | 191.3 | 193.6 | 194.0 | 190.9 | 194.8 | 196.0 |
| Process applications | Seasonal Energy Process Ratio ⁽⁴⁾ SEPR - High temperature (7°C) | | 5,4 | 5,3 | 5,3 | 5,3 | 5,4 | 5,2 | 5,4 | 5,5 |
| Refrigeration circuit | | | | | | | | | | |
| Number of circuits | | | 2 | | | 2 | | 2 | | |
| Compressors Robust multi stage Scroll compressors | | | | | | | | | | |
| Number of compressors | | | 2+2 | 3+3 | | 2+3 | | 3+3 | | |

| ACOUSTIC DATA | | F BOX | | | G BOX | | H BOX | | | |
|--|-------|-------|------|------|-------|------|-------|------|------|------|
| eCOMFORT | | GAC | 170D | 200D | 230D | 270D | 300D | 330D | 370D | 400D |
| Standard fans and compressors, without pump | | | | | | | | | | |
| Global sound power level Standard unit | dB(A) | | 87,5 | 88,0 | 89,2 | 89,4 | 91,2 | 90,4 | 91,9 | 92,9 |
| Global sound power level Low noise unit with acoustic enclosure (LNCJ*) | | | 82,6 | 82,9 | 83,8 | 84,5 | 85,4 | 85,6 | 86,3 | 86,9 |

| DIMENSIONS | | F BOX | | | G BOX | | H BOX | | | |
|------------------|----|-------|------|------|-------|------|-------|------|------|------|
| eCOMFORT | | GAC | 170D | 200D | 230D | 270D | 300D | 330D | 370D | 400D |
| Length | mm | | 2704 | | | 3976 | | 5248 | | |
| Width | | | 2250 | | | 2250 | | 2250 | | |
| Height | | | 2402 | | | 2402 | | 2402 | | |
| Operating weight | kg | | 1387 | 1397 | 1582 | 1836 | 2045 | 1870 | 2072 | 2694 |

(1) EUROVENT certified data, in accordance with standard EN 14511 :

Cooling mode :

Evaporator water temperature = 12/7°C
Outdoor air temperature = 35°C

Heating mode :

Condenser water temperature = 40/45°C
Outdoor air temperature = 7°C

(2) ESEER following Eurovent calculation method, in accordance with standard EN 14511

(3) SEER in accordance with standard EN 14825.

(4) Following ecodesign regulation EU 2016/2281 on space cooling, normalized leaving water temperature at 7°C, in accordance with standard EN 14825.