

Market applications



neostar

DESIGNATION OF POWER MODELS

PN 06D L03 B2

- PN:** Power Normal (Ø 800)
- PE:** Power Extra (Ø 800 heavy-duty motor)
- PU:** Power Ultra (Ø 910)

- 06D:** 06P delta coupling
- 06Y:** 06P star coupling

- L:** Fans arrangement in line (1 to 6)
- P:** Fans arrangement in parallel (2 to 16)

- A:** 1200 mm module
- B:** 1500 mm module
- D:** 2000 mm module



DESIGNATION OF SILENCE MODELS

SU 12Y P10 B2

- SN:** Silence Normal, (Ø 800) - 35 dB(A) at 10 m* for 1 module
- SE:** Silence Extra, (Ø 800) - 28 dB(A) at 10 m* for 1 module
- SU:** Silence Ultra, (Ø 800) - 19 dB(A) at 10 m* for 1 module

- 08D:** 08P delta coupling
- 08Y:** 08P star coupling
- 12D/16D:** 12P/16P delta coupling
- 12Y/16Y:** 12P/16P star coupling

- L:** Fans arrangement in line (1 to 6)
- P:** Fans arrangement in parallel (2 to 16)

- A:** 1200 mm module
- B:** 1500 mm module
- D:** 2000 mm module



* Sound pressure level in dB(A) measured at 10 m, parallelepiped measurement surface, line-of-sight, on a reflective surface, given as an indication only. Values measured under nominal operating conditions with clean coils and rated voltage.

CUSTOMER SERVICE
Europe & Export
☎ +33 472 471 444 - Fax +33 472 471 439
email: customer.serv@heatcrafteurope.com

SERVICE CLIENT
France
☎ 0820 400 048 - Fax 0472 471 399
email: service.client@heatcrafteurope.com

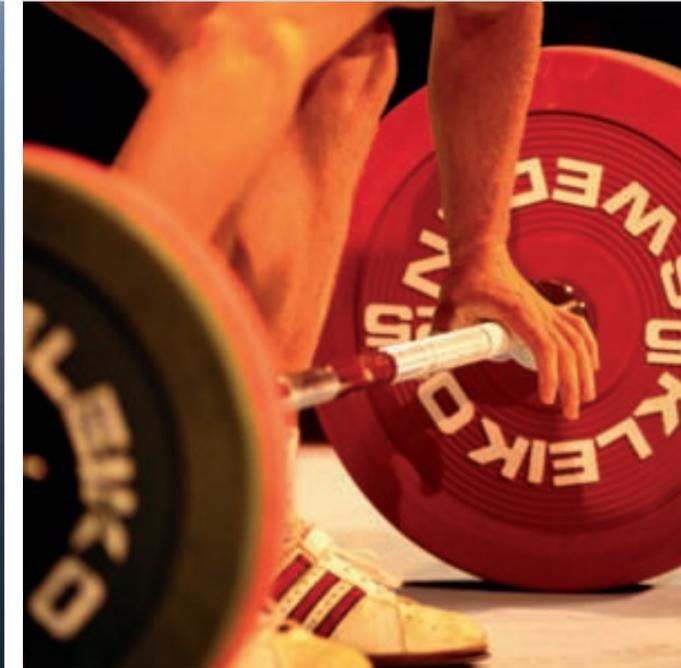
HK REFRIGERATION

FRIGA-BOHN

Heatcraft Europe
42 rue Roger Salengro
BP 205
69741 Genas Cedex
Tél. +33 (0) 472 471 300
Fax +33 (0) 472 471 396
www.heatcrafteurope.com



NEW AIR COOLED CONDENSERS



Listen
to the silence.

Master
the power.

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To meet changing market expectations, Heatcraft Europe (trade name Friga-Bohn and HK Refrigeration) has introduced:

NEOSTAR, a new range of high-performance air cooled condenser units, sub-divided into two distinct lines **Silence** and **Power**.



- Energy efficiency
- Reduced footprint
- Ultra-silent version
- Fin efficiency

Using state-of-the-art production methods, efficient and reliable components and a simple and practical selection tool*, the NEOSTAR range offers all the advantages you are looking for.

Of course, as is the case for all heat-exchanger products proposed by Heatcraft, the performance ratings of the NEOSTAR range are certified by Eurovent in terms of noise level, capacity and energy consumption.

For this reason, the NEOSTAR range has been accorded the «E Solutions» label.



New motorfans



New pattern



NEOSTAR Silence, a combination of efficiency and silence

NEOSTAR Silence is a high-performance, silent air cooled condenser offering:

- Perfect integration in an urban environment (reduced noise level)
- Energy savings (low rotation speeds)
- As an option: Electronically Commuted (EC) motor

The Silence models:

- SN Silent
- SE Extra silent
- SU Ultra silent
- EC option Speed control/Electronically Commuted

NEOSTAR Power, power at the service of performance

Equipped with a new fin type, NEOSTAR Power is both extremely compact and highly efficient:

- Rated power up to 1,250 kW
- Reduction of floor footprint
- Optimised heat-exchange

The Power models:

- PN Motor fan unit Ø 800 mm
- PE Motor fan unit Ø 800 mm (heavy-duty)
- PN Motor fan unit Ø 910 mm



Listen to the silence.



Master the power.

	Line	Total length max (mm)
Module A	1 to 6	7500
Module B	1 to 5	7800
Module D	1 to 4	8300

	Parallel	Total length max (mm)
Module A	2 to 16	9900
Module B	2 to 16	12300
Module D	2 to 12	12300

► 3 modules with finned length:

- A : LT = 1200 mm
- B : LT = 1500 mm
- D : LT = 2000 mm

► Up to 16 motor fan units with external rotor:

- Diam. 800 mm and 910 mm
- Twin-speed (delta, star)

Numerous optional features available

- Various types of fin protections
- Special motors compliant with standards applicable in various countries
 - A condensation pressure regulation set and various other possibilities on request



* The FRIGA 09 / HK 09 software package is now available with incorporation of the NEOSTAR range. This calculator enables a precise selection of the model best suited to your application based on the criteria indicated by you. A special energy saving calculation module based on the use of Electronically Commuted (EC) motors is also included in this software package.