

INTERNATIONAL

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**PRODUCT CATALOGUE
INTERNATIONAL MARKETS**

2021

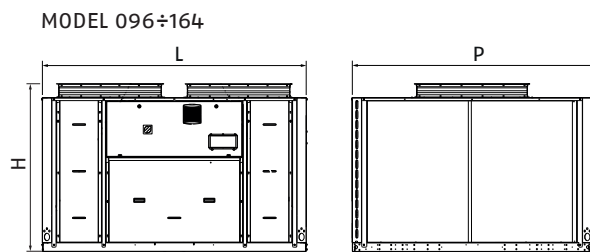
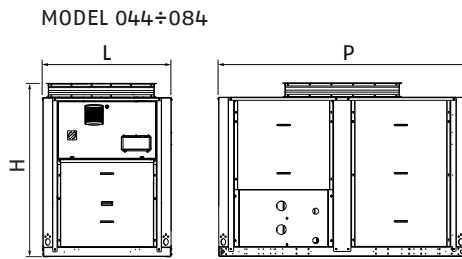


Autonomous residential | Centralized residential | Service Industry | Industrial Process

March **2021**

Air cooled water chillers

NXC 044÷164



- Air cooled water chillers with helical fans from 40 kW to 156 kW, with ecological refrigerant R410A

Description	H mm	L mm	P mm
NXC 044÷084	1330	1090	2110
NXC 096÷164	1330	2270	2110

* Height without "Tank" option.

The NXC series units are chillers for air conditioning of commercial users for outdoor installation, available with various options to choose from such as: one pump, two pumps, with or without tank, with or without partial recoverer. Maximum reliability and efficiency thanks to the high level of partialization: for powers up to 114 kW with two/three single-circuit Scroll compressors, while for powers of 135 kW and 156 kW with four compressors divided into two circuits. The water-side exchanger is of the brazed plate type.

The units are equipped with axial fans with external rotor with variable speed, to ensure operation with outdoor temperatures up to +46°C. Intuitive interface thanks to the touch screen control with possible M-BUS connection.

- Plug & Play solution with pump(s) on board the machine (optional)
- Low aesthetic impact thanks to the reduced height
- Easy maintenance by removing the service panels
- Touch screen control panel with possible M-BUS connection
- Condensing coil protection grilles not included.

TECHNICAL DATA

Description	Output (1) kW	EER (1)	Output (2) kW	EER (2)	SEER (3)	SEER (4)	SEPR (5)	η _s cool (6) %	Notes	Code
UNIT WITHOUT HYDRAULIC KIT (FURTHER CONFIGURABLE WITH LIST OF OPTIONS)										
NXC 044	53	3,44	40	2,87	3,95	4,65	5,27	155	(D)	20120391
NXC 048	59	3,32	44	2,76	4,11	5,07	5,31	161	(D)	20120392
NXC 056	69	3,12	51	2,67	4,21	4,94	5,26	166	(D)	20120393
NXC 064	81	3,31	58	2,66	4,10	4,90	5,09	161	(D)	20120394
NXC 072	85	2,97	67	2,72	3,90	4,74	4,92	153	(D)	20120396
NXC 084	98	3,06	79	2,70	4,02	5,13	5,16	158	(D)	20120397
NXC 096	114	3,18	87	2,73	4,21	5,03	4,95	165	(7)(D)	20120398
NXC 104	126	3,09	97	2,73	4,19	4,96	5,12	165	(7)(D)	20120399
NXC 122	151	3,10	114	2,67	4,10	5,24	5,51	161	(7)(D)	20120400
NXC 142	171	2,99	135	2,70	3,93	4,71	4,90	154	(7)(D)	20120401
NXC 164	194	3,01	156	2,65	4,18	5,11	5,30	164	(7)(D)	20120402

- (1) Reference standard EN 14511-3:2013 for delivery water temperature 18°C with water thermal gradient of 5°C; inlet air temperature 35°C.
- (2) Reference standard EN 14511-3:2013 for delivery water temperature 7°C with water thermal gradient of 5°C; inlet air temperature 35°C.
- (3) Reference standard EU 2016/2281 for delivery water temperature conditions 7°C with water thermal gradient of 5°C (low temperature comfort applications).
- (4) Reference standard EU 2016/2281 for delivery water temperature conditions 18°C with water thermal gradient of 5°C (medium temperature comfort applications).
- (5) Reference standard EU 2016/2281 for delivery water temperature conditions 7°C with water thermal gradient of 5°C (high temperature process applications).
- (6) Reference standard EU 2016/2281 for delivery water temperature conditions 7°C with water thermal gradient of 5°C (low temperature comfort applications).
- Conditions for supply
- (7) Product not subject to standard transport rates. Please contact the Order Management Office for transport quote.
- (D) Availability of the material at our warehouse: 30 working days from the order validation date.

NXC 044÷084 OPTIONS LIST

Description		044	048	056	064	072	084	Notes
Silenced version	Code	20120616	20120619	20120619	20120619	20120622	20120622	(1)
Partial recoverer	Code	20120627	20120627	20120628	20120629	20120630	20120631	(1)
Hydraulic kit with 1 high head variable pump	Code	20120587	20120587	20120587	20120587	20120587	20120587	(1)
Hydraulic kit with 2 high head variable pumps	Code	20120592	20120592	20120592	20120592	20120592	20120592	(1)
Tank	Code	20120610	20120610	20120610	20120610	20120610	20120610	(1)
Soft starter	Code	20120656	20120656	20120656	20120656	20120656	20120656	(1)
Master/slave operation management	Code	20120659	20120659	20120659	20120659	20120659	20120659	(1)(2)
Vibration dampers	Code	20120640	20120640	20120640	20120640	20120640	20120640	(1)

- (1) The options in the list below can be selected for "Silenced unit without hydraulic kit" and must be configured during the order.
- (2) One kit required per unit (cascade up to a maximum of two units).
- Note: accessories have the same availability as the finished products.

NXC 096÷164 OPTIONS LIST

Description		096	104	122	142	164	Notes
Silenced version	Code	20120623	20120625	20120625	20120626	20120626	(1)
Partial recoverer	Code	20120632	20120632	20120634	20120636	20120637	(1)
Hydraulic kit with 1 high head variable pump	Code	20120588	20120588	20120589	20120589	20120589	(1)
Hydraulic kit with 2 high head variable pumps	Code	20120592	20120592	20120596	20120596	20120596	(1)
Tank	Code	20120611	20120611	20120611	20120611	20120611	(1)
Soft starter	Code	20120657	20120657	20120657	20120658	20120658	(1)
Master/slave operation management	Code	20120659	20120659	20120659	20120659	20120659	(1)(2)
Vibration dampers	Code	20120642	20120642	20120642	20120642	20120642	(1)

- (1) The options in the list below can be selected for "Silenced unit without hydraulic kit" and must be configured during the order.
- (2) One kit required per unit (cascade up to a maximum of two units).
- Note: accessories have the same availability as the finished products.

RIELLO

RIELLO S.p.A.
37045 Legnago (VR)
tel. +39 0442 630111
fax +39 0442 630371

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PRODUCT CATALOGUE

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