

NX2 - Y 2 Compressor

NX2 - Y 2 Compressor

The new NX2-Y units are air cooled chillers with scroll compressors designed for delivering the best efficiencies in industrial process applications.

Product Overview

Cooling Capacity -

43 - 226 kW (R410A) 40 - 212 kW (R454B)

Refrigerant

R454B

LOW GWP

ErP2021 Compliant

All models comply with any applicable ErP2021 regulations

Energy Efficient

Class-leading efficiency levels are achieved thanks to innovative design

Eco Friendly

R454B option offers large GWP reduction compared to R410A/R32 - while its physical properties ensures there is no trade-off in terms of the operating range



Key Features & Benefits

- Two scroll compressors
- ErP2021 compliant
- Low noise
- Energy efficient
- Available with either R410A refrigerant or the lower GWP R454B

Still have a question?

Get in touch with one of our expert team today.

 01422 371711

 sales@newsome.ltd.uk

 www.newsome.ltd.uk



NX2 - Y 2 Compressor

NX2
Air Cooled Chillers with lower GWP R454B
refrigerant (from 40 to 208 kW)

Technical Information

Model		NX2-G06 0042	NX2-G06 0052	NX2-G06 0062	NX2-G06 0072	NX2-G06 0082	NX2-G06 0092	NX2-G06 0102
Power Supply	V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
Performance								
Cooling Only (Gross Value)								
Cooling Capacity *1	kW	40.53	48.50	54.16	60.98	68.18	79.82	93.31
Total Power Output *1	kW	13.64	2.970	17.02	17.66	20.47	25.36	27.94
EER *1	kW/kW	2.978	3.019	3.188	3.446	3.327	3.142	3.344
ESEER *1	kW/kW							
Cooling Only (EN14511 Value)								
Cooling Capacity *1 *2	kW	40.40	48.50	54.00	60.80	68.00	79.60	93.10
EER *1 *2	kW/kW	2.920	2.970	3.120	3.380	3.260	3.090	3.290
ESEER *1 *2	kW/kW	-	-	-	-	-	-	-
Cooling Energy Class		-	-	-	-	-	-	-
Energy Efficiency								
Seasonal Efficiency in Cooling (reg. EU 2016/2281)								
Ambient Refrigeration								
PRATED,C *7	kW	40.4	48.5	54.0	60.8	68.0	79.6	93.1
SEER *7 *8		4.061	4.72	4.56	4.65	4.57	4.60	4.53
Performance ns *7*9	%	181	186	179	183	180	181	178
Exchangers								
Heat Exchangers User Side in Refrigeration								
Water Flow *1	l/s	1.938	2.323	2.590	2.916	3.261	3.817	4.462
Pressure Drop at the Heat Exchanger	kPa	44.8	33.3	41.4	45.4	46.2	45.3	36.6
Refrigerant Circuit								
Compressor NR.	No.	2	2	2	2	2	2	2
Circuits	No.	1	1	1	1	1	1	1
Refrigerant Charge	kg	7.60	7.60	8.00	9.90	10.0	11.1	13.1
Noise Level								
Sound Pressure *3	dB(A)	49	50	49	51	52	52	52
Sound Power Level in Cooling *4 *5	dB(A)	81	82	81	83	84	84	84
Size and Weight								
Width (A) *6	mm	1825	1825	1825	2395	2395	2395	2325
Depth (B) *6	mm	1195	1195	1195	1195	1195	1195	1195
Height (H) *6	mm	1865	1865	1865	1865	1865	1865	1980
Operating Weight *6	kg	500	510	550	630	630	640	770

- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- Values in compliance with EN14511.
- Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
- Sound power on the basis of measurements taken in compliance with ISO 9614.
- Sound power level in cooling, outdoors.
- Unit in standard configuration, without optional accessories.
- Parameter calculated according to [REGULATION (EU) N. 2016/2281].
- Seasonal energy efficiency ratio.
- Seasonal space cooling energy efficiency.

