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SUPERIOR PERFORMANCE FOR FUTURE ENERGY DEMANDS

R600a
NLU-KK.1 COMPRESSORS

1.98 COP

THE HIGHEST LEVEL EVER FROM A FIXED SPEED COMPRESSOR
THE HISTORICALLY HIGH EFFICIENCY BRINGS YOU ONE STEP CLOSER TO COPING WITH FUTURE ENERGY DEMANDS (1.55 BY CECOMAF)

A+++
A++
A+
B

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NIDEC GLOBAL APPLIANCE

OPTIMISED FOR PURE EFFICIENCY: NLU-KK.1 COMPRESSORS

In today's global competition, manufacturers of refrigeration equipment are constantly looking for ways to improve the energy class of their cabinets, with the smallest possible investment. Decisions are typically driven by a mix of legislation and the end users' desire to purchase low-noise, energy-efficient products.

It is a fact that the compressor is the most power hungry component in a refrigeration system, so why not simply replace the existing compressor and save considerable R&D and production resources, without sacrificing efficiency?

Designed to provide extreme efficiency, NLU-KK.1 compressors instantly improve the efficiency of a cabinet. With a COP of 1.98/1.55 (ASHRAE/CECOMAF) the compressor's performance is superior to a conventional compressor, providing you with the opportunity to produce cabinets that place you ahead of both your competitors and your customers' expectations.

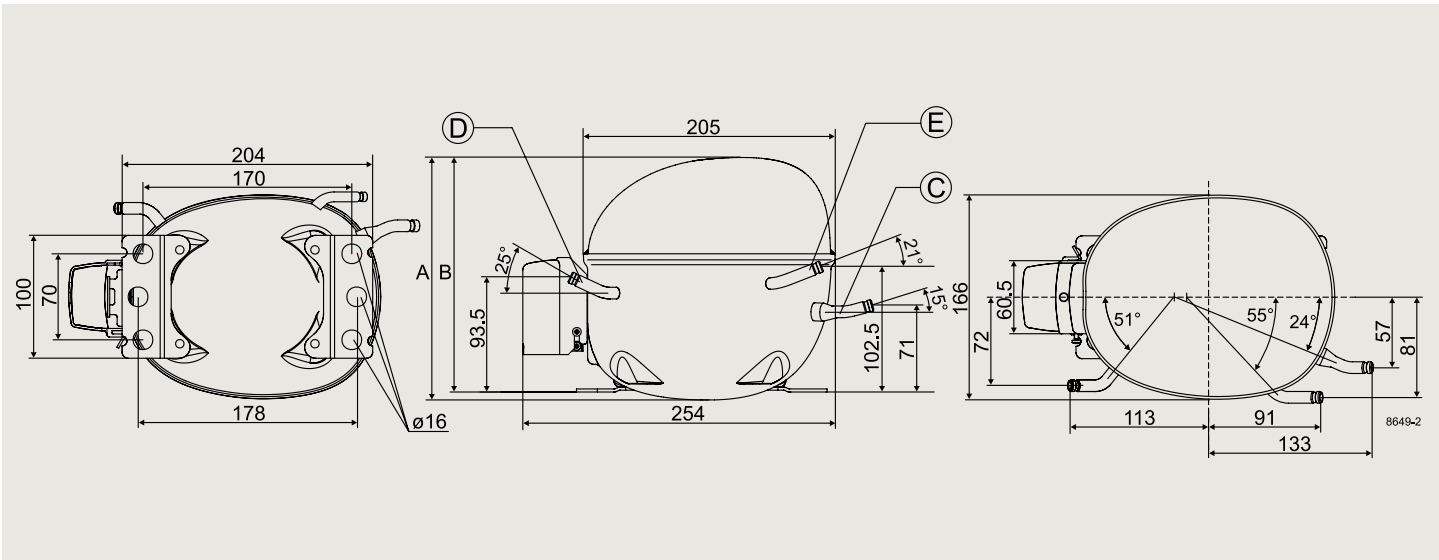
General	**NLU8.0KK.1**	**NLU8.8KK.1**	**NLU10KK.1**	**NLU11KK.1**	**NLU15KK.1**
Code number	105H6008	105H6009	105H6131	105H6132	105H6553
Approvals	EN 60335-2-34 with Annex AA				

Application		
Application		LBP
Evaporating temperature	°C	-35 to -10
Voltage range/frequency	V/Hz	198 - 254/50

Performance data ASHRAE LBP (220V/50Hz • ePTC • run capacitor • static cooling)						
Evaporating temperature	°C	-23.3	-23.3	-23.3	-23.3	-23.3
Cooling capacity	W	127	144	175	199	259
Power consumption	W	66.0	72.9	88.5	101	133
COP	W/W	1.93	1.97	1.98	1.98	1.95

Performance data EN 12900 Household/CECOMAF (220 V/50 Hz • ePTC • run capacitor • static cooling)						
Evaporating temperature	°C	-25	-25	-25	-25	-25
Cooling capacity	W	95	107	130	148	194
Power consumption	W	63.0	69.5	83.9	95.5	126
COP	W/W	1.52	1.54	1.55	1.55	1.54

Dimensions			
Height	mm	A	203
		B	197
Suction connector	location/I.D. mm | angle	C	6.2 | 15°
	material | seal		Cu-plated steel | Al cap
Process connector	location/I.D. mm | angle	D	6.2 | 25°
	material | seal		Cu-plated steel | Al cap
Discharge connector	location/I.D. mm | angle	E	5.0 | 21°
	material | seal		Cu-plated steel | Al cap
Connector tolerance	I.D. mm		±0.09, on 5.0 +0.12/+0.20



Nidec Global Appliance Germany GmbH · Mads-Clausen-Str. 7 · 24939 Flensburg · Germany · Tel: +49 461 4941 0 · **www.secop.com**

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