



Recipe for future energy demands First you add a superior compressor

NLU-KK compressors, R600a

1.98COP

The highest level ever

from a fixed speed compressor. The historically high efficiency brings you one step closer to coping with future energy demands (1.56 by CECOMAF).



Optimised for pure efficiency: NLU-KK 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 supply extreme efficiency NLU-KK compressors instantly improve the efficiency of a cabinet. With a COP of 1.98/1.56 (ASHRAE/CECOMAF) the compressor's performance is superior for a conventional compressor, providing you the opportunity to produce cabinets that place you ahead of both your competitors and your customers' expectations.



Technical data

General	NLU8KK	NLU8.8KK	NLU10KK	NLU11KK	NLU13KK	NLU15KK
Code number	105H6002	105H6003	105H6135	105H6136	105H6370	105H6550
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 (EN12900/CECOMAF • 220V/50Hz • ePTC • static cooling • preliminary data)						
Evaporating temperature °C	-25	-25	-25	-25	-25	-25
Cooling capacity watt	94	108	131	148	170	194
Power consumption watt	62	71	84	95	110	126
COP W/W	1.52	1.53	1.56	1.56	1.55	1.54

Performance data (ASHRAE • 220V/50Hz • ePTC • static cooling • preliminary data)						
Evaporating temperature °C	-23.3	-23.3	-23.3	-23.3	-23.3	-23.3
Cooling capacity watt	126	144	175	197	227	258
Power consumption watt	65	74	88	99	115	132
COP W/W	1.93	1.95	1.98	1.98	1.96	1.95

Dimensions			
Height	mm	A	203
		B	197
Suction connector	location/I.D. mm angle	C	6.2 15°
	material seal		Copper Rubber plug
Process connector	location/O.D. mm angle	D	8.0 25°
	material seal		Copper Rubber plug
Discharge connector	location/I.D. mm angle	E	5.0 21°
	material seal		Copper Rubber plug
Connector tolerance	I.D. mm		±0.09, on 5.0 +0.12/+0.20

