



### Applications

- Beer dispensers
- Bottle coolers
- Ice cream machines
- Drinking water fountains
- Vending machines (softdrinks and snacks)
- Display cabinets (SCU)
- Refrigerated cabinets (reach-in)
- Commercial freezers and refrigerators
- Ice cube machines
- Dehumidifiers

### Danfoss Compressors GmbH

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## The new energy-optimized NL-MF Compressors

*Tailored for soft drink coolers and small commercial refrigeration systems*

A capacity adapted to the predominant applications in the market enables considerable energy savings with small compressor dimensions and displacement respectively.

The new compressors are available as all-purpose compressors NL-MF (187-254 V, 50 Hz/198-254 V, 60 Hz).

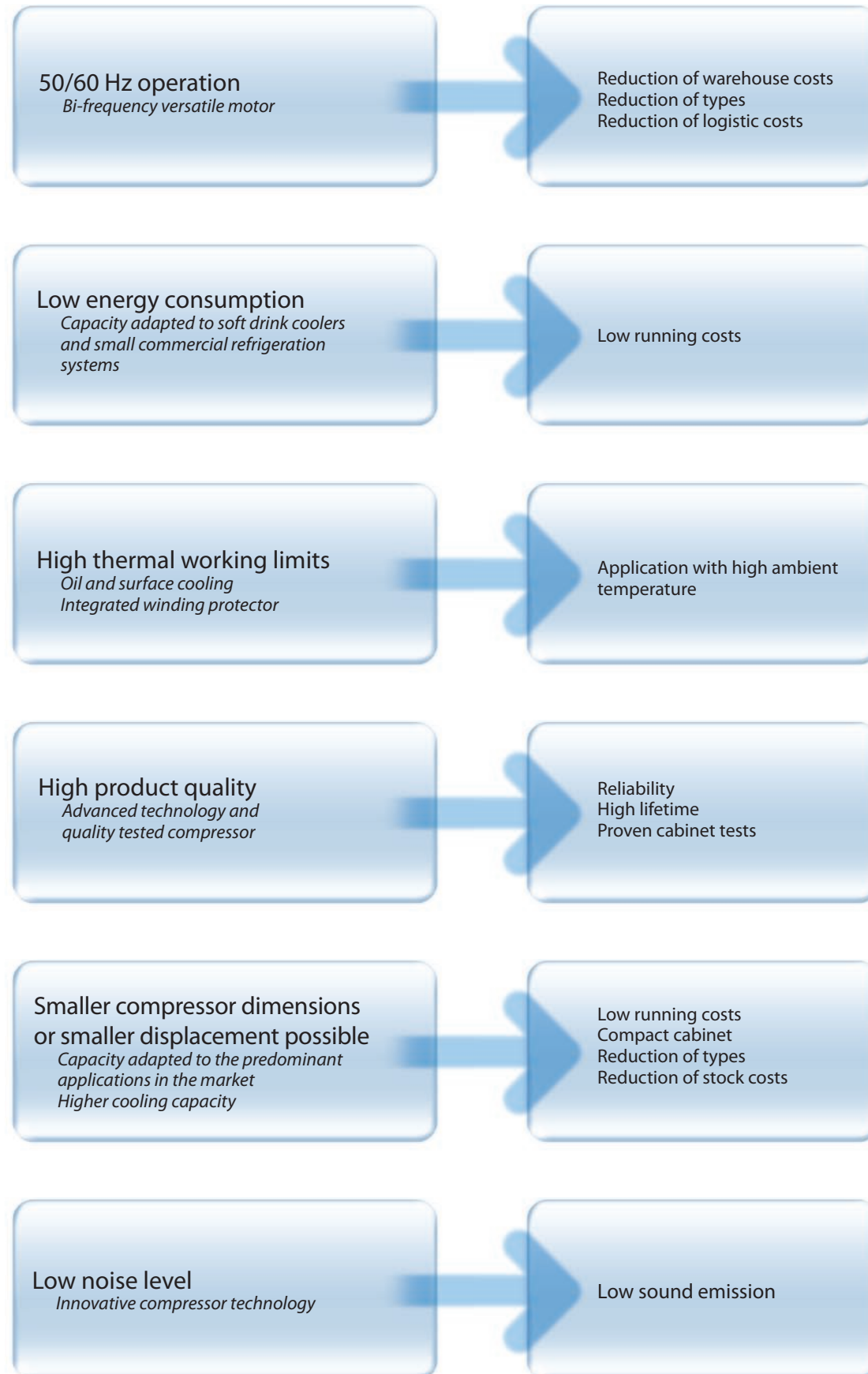


## Customer benefits NL-MF compressors

### Product Advantages

Based on competitive advantages

### Customer benefits



## Rated capacities and consumptions according to EN 12900

Compressor	Code number	Voltage and frequencies	Cooling capacity [W]				Power capacity [W]				Current consumption [A]				COP [W/W]			
			Evaporating temperature [°C]															
			-10	0	7.2	10	-10	0	7.2	10	-10	0	7.2	10	-10	0	7.2	10
NL6.1MF	105G6660	187-254 V/50 Hz	246	416	552	611	183	224	254	265	1.36	1.50	1.62	1.66	1.34	1.86	2.17	2.31
	105G6662*	198-254 V/60 Hz	302	491	645	-	220	281	331	-	1.35	1.63	1.87	-	1.37	1.75	1.95	-
NL7.3MF	105G6772	187-254 V/50 Hz	304	494	650	717	226	277	314	329	1.60	1.80	1.92	1.99	1.35	1.78	2.07	2.18
	105G6774*	198-254 V/60 Hz	370	585	769	-	277	356	420	-	1.60	1.95	2.22	-	1.34	1.64	1.83	-
NL8.4MF	105G6879	187-254 V/50 Hz	353	570	735	813	257	322	367	383	1.83	2.08	2.26	2.29	1.37	1.77	2.00	2.12
	105G6877*	198-254 V/60 Hz	433	672	883	-	315	410	484	-	1.82	2.23	2.55	-	1.37	1.64	1.82	-
NL10MF	105G6885	187-254 V/50 Hz	439	692	926	1028	323	396	452	475	2.21	2.45	2.66	2.75	1.36	1.75	2.05	2.16
	105G6870*	198-254 V/60 Hz	523	813	1068	-	377	490	581	-	2.17	2.65	3.07	-	1.39	1.66	1.84	-

\* 90° connector

#### Test conditions

Refrigerant R134a  
 Condensing temperature 55°C  
 Ambient and suction gas temperature 32°C  
 Liquid temperature 55°C  
 220 V 50 Hz resp. 60 Hz, fan cooling 1.5 m/s  
 (compressor compartment temperature equal to ambient temperature)

Application range

-20°C to +7.2°C for 50 Hz

Exception NL10MF

-25°C to +7.2°C for 60 Hz  
 -35°C to +10°C for 60 Hz

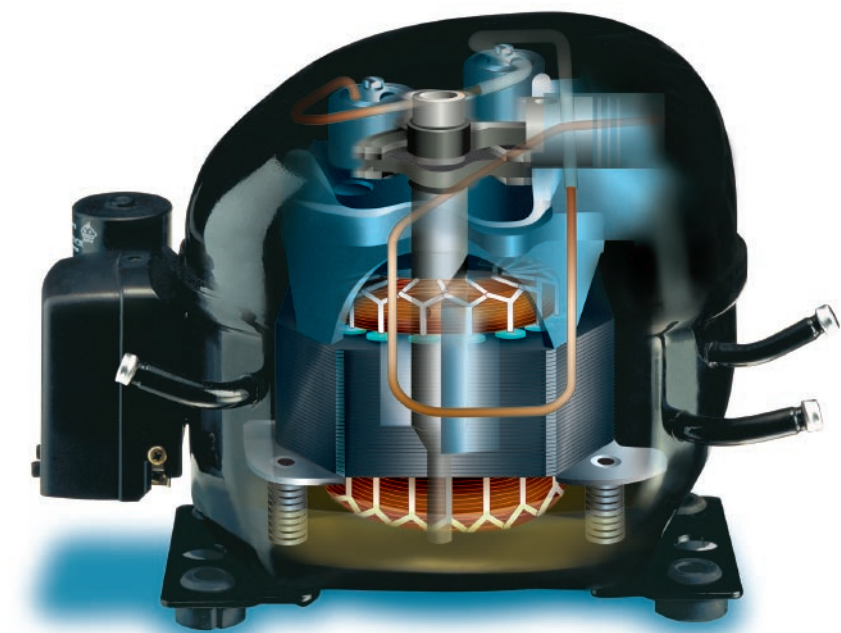
Approvals according to

EN 60335-2-34, UL 984, CSA-C22, CCC (on inquiry)

Compressor	Electrical Equipment					
	LST (RSIR)		HST (CSIR)		LST/HST	
	PTC Starting device		Starting relay	Starting capacitor	Cord relief	Cover
	Spades		Spades			
	6.3 mm	4.8 mm	6.3 mm	6.3 mm		
NL6.1MF	103N0011	103N0018	117U6015	117U5015	103N1010	103N2011
NL7.3MF	103N0011	103N0018	117U6016	117U5015	103N1010	103N2011
NL8.4MF	103N0011	103N0018	117U6016	117U5018	103N1010	103N2011
NL10MF	103N0011	103N0018	117U6022	117U5018	103N1010	103N2011

#### Mounting accessories

Bolt joint 118-1917 single compressor  
 118-1918 in quantities  
 Snap on 118-1919 in quantities

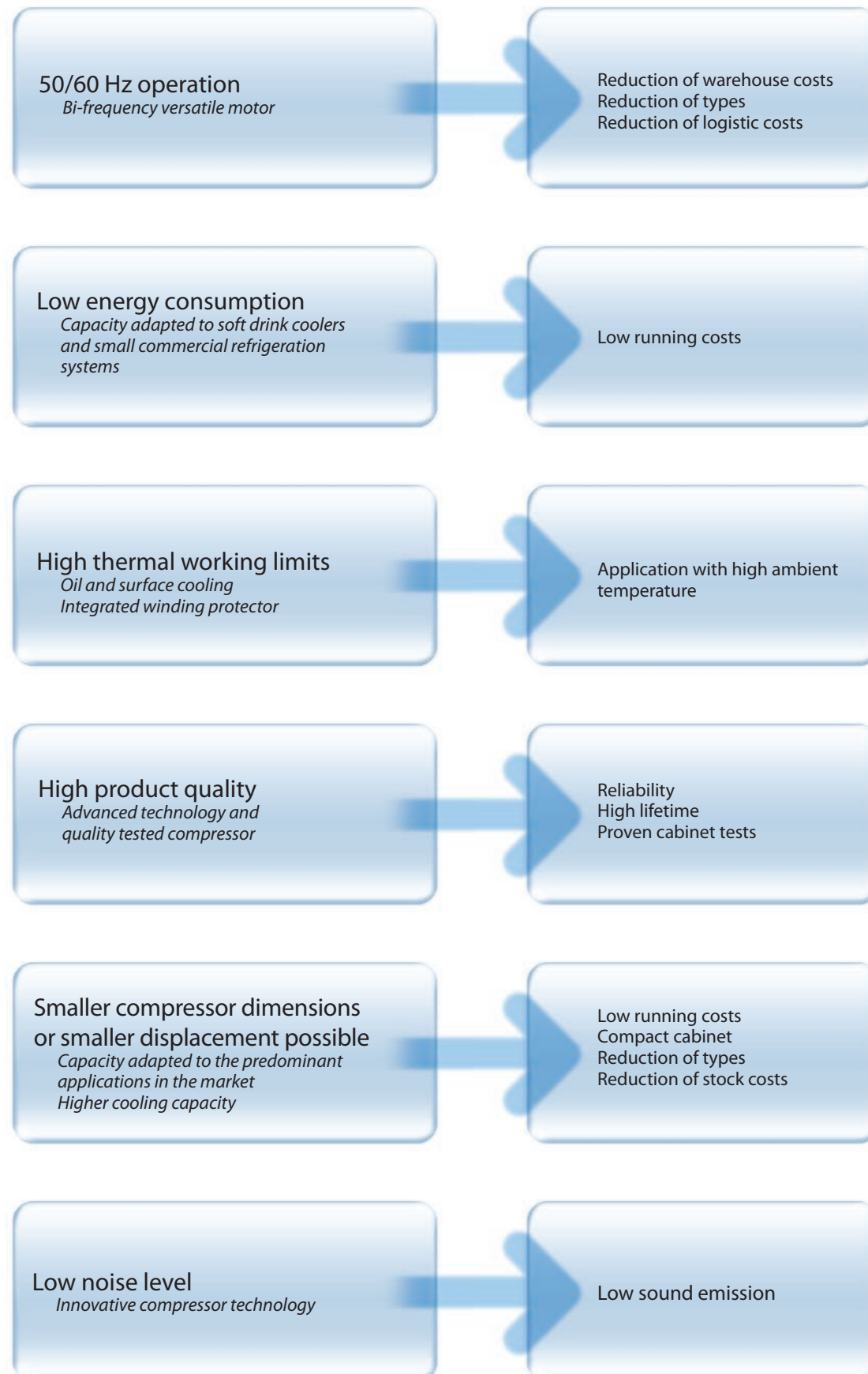


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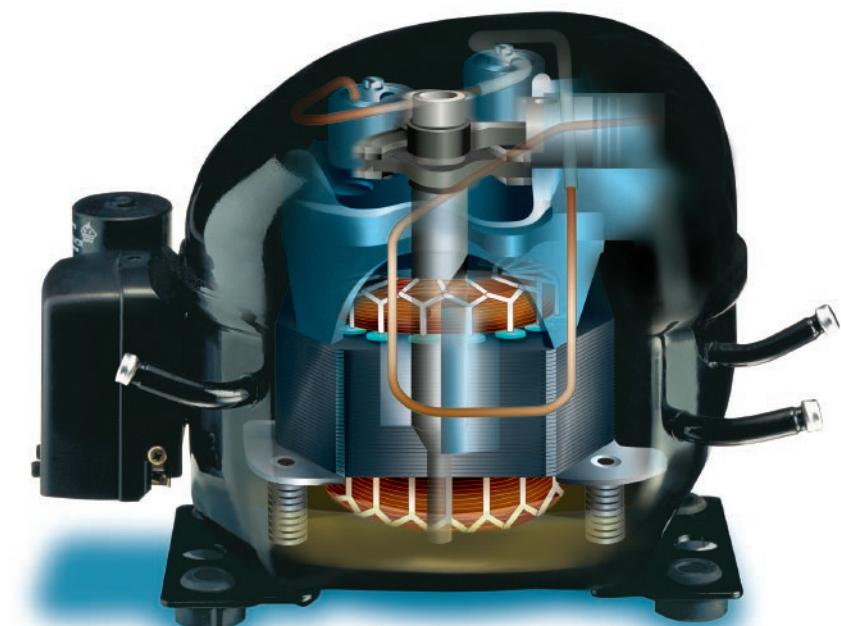
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