



Optyma Plus™ New Generation

Raise your efficiency to a higher level Equipped for silence and top performance

Range extension for a complete offer:

- 0.6 - 16.5 kW for MBP refrigeration
- 0.7 - 5.4 kW for LBP refrigeration

20%

Energy savings

achievable
compared to
equivalent product
through improved
design and
components

50%

Less installation time

than conventional
systems. A fast fit that lets
you keep up the tempo





A cooler combination Faster to install, simpler to set up, easier to service

When we asked installers how to improve the known and trusted Optyma Plus™, you told us to make it quicker to install and simpler to set up and service. We listened, and here's the result: The new generation Optyma Plus™ - it's another step forward in plug and play. It will not just save you valuable time and costs in installation, set up and service, it will also reduce your customers' energy bill.

The same robust quality with added technology and smarter design. That's a seriously cool combination.

Silent and top performance for customer confidence

With its long-life compressor, acoustic insulation, component design as well as intelligent fan speed reduction during low capacity operation, the Optyma Plus™ is so smooth and quiet that your customers will benefit from the best sound performance in the market*. The highly optimised Micro Channel Heat Exchanger and electronic controller also contribute to considerable energy savings, making the Optyma Plus up to 20% more economical than an equivalent product offering and that's a sales argument your customers will notice.

* compared to equivalent offerings in the market - Nov. 2011

Experience up to 20% energy savings from day one!

Up to 25%

Lower sound level

than conventional systems provides greater comfort in residential areas.



In-field stacking cuts costs
With its unique load bearing design, it's possible to stack units in the field. This cuts installation time, and saves on carpentry and brackets to reduce cost.

Extend

your possibilities

with new models for low and medium temperatures. Your cooling capacity has almost no limits!

Designed for ultimate efficiency



Quick installation

Compact cabinet speeds installation

New compact design makes it easier to maneuver when fitting in tight spaces, saving installation time.



Easy service

More accessible to speed service

Easier and quicker accessibility to all components with new double door design saves time during servicing, maintenance and repair.



Intelligent

Intelligent technology speeds start up and reduces risk

Preset parameters make it easier to get it right from the start. Fewer mistakes reduce the risk of damage and save time and money on repairs.



The reliable choice - Known and tested Danfoss technology

- All units 100% factory tested
- High quality Danfoss components inside
- Designed for very low ambient temperatures
- Solid, attractive & corrosion resistant housing

Range extension for a complete offer in low and medium temperatures

Type	Compressor	Phases	R404A cooling capacity in (W) at evaporating temperature (°C) at ambient 32°C											Power consumption** at -10°C evap. (W) (-25°C for LBP)	COP at -10°C evap. (-25°C for LBP)	Sound power dB(A)	Sound pressure level full sphere @ 10m dB(A)	Size H x W x D (mm)	
			-40	-35	-30	-25	-20	-15	-10	-5	0	+5	+10						
OP-MPHM007NFP00G	NF 7MLX	1						480	610	760	930	1 130		460	1.33	60	29	652x906x356	
OP-MPHM010SCP00G	SC10MLX	1						510	650	820	1 030	1 270	1 550	570	1.44	60	29	652x906x356	
OP-MPHM012SCP00G	SC12MLX	1						620	790	1 000	1 240	1 530	1 870	660	1.52	60	29	652x906x356	
OP-MPHM015SCP00G	SC15MLX	1						770	980	1 230	1 540	1 890	2 300	830	1.48	60	29	652x906x356	
OP-MPHM018SCP00G	SC18MLX	1						900	1 140	1 440	1 790	2 200	2 670	910	1.58	60	29	652x906x356	
OP-MPHM026GSP00G	GS26MLX	1						1 780	2 250	2 800	3 450	4 200		1 300	1.73	67	36	815x1055x430	
OP-MPHM034GSP00G	GS34MLX	1						2 360	2 940	3 610	4 400	5 300		1 800	1.63	67	36	815x1055x430	
OP-MPUM034MLP00(G/E)	MLZ015	1/3						2 250	2 800	3 400	4 050	4 800	5 650	6 550	1 700	2.00	68	37	815x1055x430
OP-MPUM046MLP00(G/E)	MLZ021	1/3						3 100	3 750	4 500	5 350	6 250	7 250	8 400	2 300	1.96	68	37	815x1055x430
OP-MPUM057MLP00(G/E)	MLZ026	1/3						3 700	4 500	5 350	6 250	7 300	8 400	9 600	3 050	1.75	68	37	815x1055x430
OP-MPUM068MLP00(G/E)	MLZ030	1/3						4 950	6 050	7 300	8 750	10 350	12 150	14 100	3 200	2.28	69	38	967x1406x481
OP-MPUM080MLP00(G/E)	MLZ038	1/3						5 800	7 050	8 500	10 150	11 950	13 950	16 200	3 850	2.21	69	38	967x1406x481
OP-MPUM107MLP00E	MLZ048	3						7 300	8 850	10 600	12 550	14 700	17 050	19 700	5 250	2.02	75	44	967x1406x481
OP-MPUM125MLP00E	MLZ058	3						8 750	10 700	13 050	15 750	18 650	21 750	25 000	6 600	1.98	75	44	966x1800x600
OP-MPUM162MLP00E	MLZ076	3						11 650	13 950	16 500	19 300	22 400	25 850	29 650	8 650	1.91	75	44	966x1800x600
OP-LPHM018SCP00G	SC18CLX.2	1	270	390	540	720	930	1 170	1 470					730	0.99	60	29	652x906x356	
OP-LPHM026GSP00G	GS26CLX	1	390	570	790	1 050	1 370	1 750	2 190					1 010	1.04	67	36	815x1055x430	
OP-LPHM048NTP00(G/E)	NTZ048	1/3	650	1 000	1 400	1 850	2 350	2 950	3 600					1 450	1.28	69	38	815x1055x430	
OP-LPHM068NTP00(G/E)	NTZ068	1/3	1 150	1 650	2 150	2 750	3 450	4 200	5 050					2 150	1.28	70	39	815x1055x430	
OP-LPHM096NTP00E	NTZ096	3	1 450	2 050	2 800	3 750	4 900	6 200	7 750					2 700	1.39	72	41	967x1406x481	
OP-LPHM136NTP00E	NTZ136	3	2 250	3 100	4 100	5 350	6 750	8 400	10 200					4 200	1.27	73	42	967x1406x481	
OP-MPGM034GSP00G*	GS34MFX	1						1 310	1 670	2 100	2 620	3 220		1 000	1.67	67	36	815x1055x430	

Rating conditions EN13215:

MBP: -10°C suction, +32°C ambient, Superheat 10K, Subcooling 0 K

LBP: -25°C suction, +32°C ambient, Superheat 10K, Subcooling 0 K

* Values refer to R134a; all scroll compressors can operate with R134a. For their data performance, please refer to the Coolselector selection software.

** Values refer to 3 phase units

Change for the better

At Danfoss we strongly believe in innovation, but only when it directly benefits our customers. We offer smarter ways of helping you fulfil your daily challenge of producing higher quality solutions at ever more competitive costs. That's precisely why we updated the tried and tested Optyma Plus™ to bring you a new generation.

Contact your local Danfoss sales office and learn why your business can gain from working with one of the world's leading suppliers to the refrigeration and air-conditioning industry.

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