

Optyma™ Cooler—Efficient Unit Coolers for Walk-in Coolers and Freezers



Integrated
**high-
efficiency**
quiet, compact
solution

The Optyma™ **Cooler** is an efficient unit cooler for walk-in coolers and freezers, designed for quick and easy installation and with both US DOE AWEF and NRCAN compliant models. This compact unit uses cross-ribbed heat exchanger tubing with a corrugated fin design and comes equipped with a maintenance-free, factory-balanced variable-speed capable fan motor to ensure high efficiency. The ®Coolselector®2 app allows users to quickly optimize their system design, enabling a full walk-in solution and providing peace of mind to contractors and end users.

Scan this QR Code for more information
about the Optyma™ **Cooler**



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Optyma™ Cooler

- Easy installation and setup
- Highly secure stainless-steel slotted brackets in both front and back
- Extra robust factory-fixed drain fitting
- Unique electric defrost coil design with coil-embedded heaters for fast and efficient defrost
- Easy-to-clean exterior cabinet made from Al-Mg alloy with 60μ of highly durable powder coating, which extends the life of the cabinet
- Wide capacity range with 6 FPI and 4 FPI models available
- Easy optimization with Coolselector®2 app
- Industry-leading warranty

Low Profile

Danfoss Code No.	6 FPI Air Defrost (Cooler)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0000	Optyma DACC RX L050.1A4/A1	6,340	½	⅝
114U0001	Optyma DACC RX L070.1A4/A1	8,740	½	⅝
114U0002	Optyma DACC RX L100.1A4/A1	12,730	½	⅝
114U0003	Optyma DACC RX L141.1A4/A1	17,700	½	⅝
114U0004	Optyma DACC RX L150.1A4/A1	19,120	½	⅝
114U0005	Optyma DACC RX L210.1A4/A1	25,640	½	⅝
114U0006	Optyma DACC RX L282.1A4/A1	36,250	½	⅞
114U0007	Optyma DACC RX L305.1A4/A1	39,490	½	⅞
114U0008	Optyma DACC RX L354.1A4/A1	44,570	½	⅞
114U0009	Optyma DACC RX L380.1A4/A1	48,770	½	⅞

Danfoss Code No.	6 FPI Electric Defrost (Freezer)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0010	Optyma DACC RX L041.1A4/E1	4,580	½	⅝
114U0011	Optyma DACC RX L063.1A4/E1	6,970	½	⅝
114U0012	Optyma DACC RX L084.1A4/E1	9,290	½	⅝
114U0013	Optyma DACC RX L123.1A4/E1	14,130	½	⅞
114U0014	Optyma DACC RX L127.1A4/E1	14,110	½	⅞
114U0015	Optyma DACC RX L186.1A4/E1	20,430	½	1 ⅛
114U0016	Optyma DACC RX L233.1A4/E1	25,330	½	1 ⅛
114U0017	Optyma DACC RX L260.1A4/E1	28,020	½	1 ⅛
114U0018	Optyma DACC RX L315.1A4/E1	35,230	½	1 ⅜

Medium Profile

Danfoss Code No.	6 FPI Air Defrost (Cooler)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0019	Optyma DAAC RX M345.1A4/A1H	36,770	⅝	⅞
114U0020	Optyma DAAC RX M430.1A4/A1H	47,610	⅝	1 ⅛
114U0021	Optyma DACC RX M515.1A4/A1H	54,250	⅞	1 ⅛
114U0022	Optyma DACC RX M645.1A4/A1H	71,910	⅞	1 ⅛
114U0023	Optyma DACC RX M690.1A4/A1H	73,740	⅞	1 ⅜
114U0024	Optyma DACC RX M865.1A4/A1H	95,420	⅞	1 ⅜

Danfoss Code No.	6 FPI Electric Defrost (Freezer)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0025	Optyma DACC RX M190.1A4/E1H	19,200	⅝	1 ⅛
114U0026	Optyma DACC RX M305.1A4/E1H	29,390	⅞	1 ⅜
114U0027	Optyma DACC RX M385.1A4/E1H	38,470	⅞	1 ⅜
114U0028	Optyma DACC RX M445.1A4/E1H	42,460	⅞	1 ⅝
114U0029	Optyma DACC RX M575.1A4/E1H	55,090	⅞	1 ⅝
114U0030	Optyma DACC RX M715.1A/E1H	70,040	⅞	2 ⅛

Danfoss Code No.	4 FPI Electric Defrost (Freezer)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0031	Optyma DACC RX M250.1A6/E1H	25,020	⅞	1 ⅛
114U0032	Optyma DACC RX M340.1A6/E1H	32,850	⅞	1 ⅜
114U0033	Optyma DACC RX M375.1A6/E1H	36,000	⅞	1 ⅜
114U0034	Optyma DACC RX M505.1A6/E1H	49,360	⅞	1 ⅝
114U0035	Optyma DACC RX M645.1A6/E1H	63,320	⅞	2 ⅛

High Profile

Danfoss Code No.	6 FPI Air Defrost (Cooler)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0036	Optyma DACC RX H0615.1A4/A2H	67,240	7⁄8	1 1⁄8
114U0037	Optyma DACC RX H0750.1A4/A2H	87,230	7⁄8	1 3⁄8
114U0038	Optyma DACC RX H0915.1A4/A2H	101,400	7⁄8	1 3⁄8
114U0039	Optyma DACC RX H1110.1A4/A2H	130,000	7⁄8	1 5⁄8
114U0040	Optyma DACC RX H1475.1A4/A2H	172,800	7⁄8	1 5⁄8

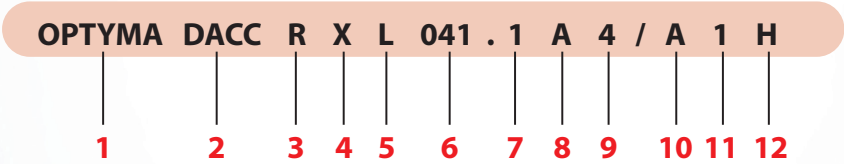
Danfoss Code No.	6 FPI Electric Defrost (Freezer)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0041	Optyma DACC RX H0695.1A4/E2H	69,750	7⁄8	2 1⁄8
114U0042	Optyma DACC RX H1025.1A4/E2H	99,970	1 1⁄8	2 1⁄8
114U0043	Optyma DACC RX H1200.1A4/E2H	120,600	1 1⁄8	2 5⁄8

Danfoss Code No.	4 FPI Electric Defrost (Freezer)	Btu/hr	Inlet (in.)	Outlet (in.)
114U0044	Optyma DACC RX H0615.1A6/E2H	62,990	7⁄8	2 1⁄8
114U0045	Optyma DACC RX H0920.1A6/E2H	91,190	7⁄8	2 1⁄8
114U0046	Optyma DACC RX H1100.1A6/E2H	112,100	1 1⁄8	2 5⁄8

Capacities shown are application capacities reflecting nominal operation using R-448A
Cooler: 10 °F TD / 25 °F SST
Freezer: 10 °F TD / -20 °F SST



Danfoss Optyma™ Cooler Unit Cooler Nomenclature



1	Product Family Optyma
2	Model Type DACC = Cubic
3	Refrigerant Group R = R404A, R507A, R448A, R449A
4	Feed Type X = DX
5	Model Size L - Low Profile M - Medium Profile H - High Profile
6	Nominal Capacity BTU/hr / 100
7	Version 1
8	Fin Material A - Aluminum
9	Fin Spacing 4 - 4mm (6 FPI) 6 - 6mm (4 FPI)
10	Defrost Type A - Air E - Electric
11	Voltage 1 - 1/230/50-60 2 - 3/380-480/50-60
12	Optimization H - for Medium Profile and High Profile models Blank - Low Profile

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