



General Information



Installing a Danfoss GX Snow Melting System provides a permanent solution to the problems caused by cold weather. Improve safety by providing instantaneous relief from snow and ice and increase your bottom line by reducing the costs associated with applying chemicals, owning snow clearing machinery or hiring outside services.

- Twin conductor cable
- Single point connection
- Easy and flexible installation
- Durable construction
- Silent, efficient and safe
- For use in concrete, asphalt and under pavers
- Zero EMF's (Electromagnetic fields)
- Genuine ten year non-prorated warranty

Technical Data

Cable Construction:	Twin conductor
Rated Voltage:	208V, 240V, 277V, 347V, 480V, 600V
Output (Cables):	12W/ft. (40W/m)
Cold Lead:	20 feet (6.0 m)
Bending Radius:	Minimum 1.5 inches (38 mm)
Cable Diameter:	1/4 inches (6.5 mm)
Conductor Insulation:	Teflon™ FEP
Filler Sheath:	PEX
Outer Insulation:	PVC
Max. Temperature:	220°F (105°C)
Min. Installation Temp:	40°F (5°C)

See power lead label for NEC connection color code.

**Ordering Information
GX Cables - 208V**

Power leads are 20 feet in length.

Standard cable spacing is 3 inches.

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		3" spacing	4" spacing			
088L3120	35	5	10	420	2.0	104.0
088L3121	50	10	15	600	2.9	71.7
088L3122	70	15	25	840	4.0	52.0
088L3123	85	20	30	1,020	4.9	42.4
088L3124	105	25	35	1,260	6.1	34.1
088L3125	125	30	45	1,500	7.2	28.9
088L3126	145	35	50	1,740	8.4	24.8
088L3127	160	40	55	1,920	9.2	22.6
088L3128	180	45	60	2,160	10.4	20.0
088L3129	210	50	70	2,520	12.1	17.2
088L3130	245	60	85	2,940	14.1	14.8
088L3131	280	65	95	3,360	16.2	12.8
088L3132	320	75	110	3,840	18.5	11.2
088L3133	355	85	120	4,260	20.5	10.1
088L3134	410	100	140	4,920	23.7	8.8
088L3135	460	110	160	5,520	26.5	7.8



Ordering Information GX Cables - 240V

Power leads are 20 feet in length.

Standard cable spacing is 3 inches.

3" centers provide 50W/sq.ft.

4" centers provide 35W/sq.ft.

Watt output of the 240V cable is reduced by 25% when operated at 208V (approx. 9W/ft.)

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		3" spacing	4" spacing			
088L3100	40	10	15	480	2.0	120.0
088L3101	60	15	20	720	3.0	80.0
088L3102	80	20	25	960	4.0	60.0
088L3103	100	25	35	1,200	5.0	48.0
088L3104	120	30	40	1,440	6.0	40.0
088L3105	145	35	50	1,740	7.3	32.9
088L3106	165	40	55	1,980	8.3	28.9
088L3107	185	45	65	2,220	9.3	25.8
088L3108	205	50	70	2,460	10.3	23.3
088L3109	245	60	85	2,940	12.3	19.5
088L3110	285	70	100	3,420	14.3	16.8
088L3111	325	80	110	3,900	16.3	14.7
088L3112	370	90	125	4,440	18.5	13.0
088L3113	410	100	140	4,920	20.5	11.7
088L3114	475	115	165	5,700	23.8	10.1
088L3115	535	130	185	6,420	26.8	9.0

Ordering Information GX Cables - 277V

Power leads are 20 feet in length.

Standard cable spacing is 3 inches.

3" centers provide 50W/sq.ft.

4" centers provide 35W/sq.ft.

Watt output of the 277V cable is reduced by 25% when operated at 240V (approx. 9W/ft.)

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		3" spacing	4" spacing			
088L3065	170	40	60	2,015	7.3	38.5
088L3066	190	45	65	2,340	8.4	33.0
088L3067	215	50	75	2,600	9.4	29.5
088L3068	240	55	80	2,860	10.3	26.9
088L3069	285	65	95	3,450	12.4	22.3
088L3070	330	80	115	4,030	14.5	19.1
088L3071	375	90	125	4,610	16.6	16.7
088L3072	425	100	145	5,140	18.6	14.9
088L3073	475	115	160	5,770	20.8	13.3
088L3074	545	130	185	6,615	23.8	11.7



Ordering Information GX Cables - 347V

Power leads are 20 feet in length.
Standard cable spacing is 3 inches.
3" centers provide 50W/sq.ft.
4" centers provide 35W/sq.ft.

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		3" spacing	4" spacing			
088L3605	210	50	70	2,560	7.4	47.0
088L3606	240	60	80	2,915	8.4	41.3
088L3607	300	75	100	3,620	10.4	33.2
088L3608	355	90	115	4,330	12.5	27.8
088L3610	415	105	135	5,035	14.5	23.9
088L3611	470	120	155	5,745	16.6	20.9
088L3612	530	135	175	6,470	18.6	18.6
088L3613	595	150	195	7,235	20.9	16.6
088L3614	680	170	225	8,295	23.9	14.5

Ordering Information GX Cables - 480V

Power leads are 20 feet in length.
Standard cable spacing is 3 inches.
3" centers provide 50W/sq.ft.
4" centers provide 35W/sq.ft.

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		3" spacing	4" spacing			
088L3640	80	20	25	995	2.1	232.0
088L3644	200	50	70	2,460	5.1	93.5
088L3646	330	85	110	4,030	8.4	57.1
088L3648	490	125	160	5,990	12.5	38.5
088L3650	735	185	240	8,950	18.6	25.7
088L3652	820	205	270	10,010	20.9	23.0
088L3654	940	235	310	11,475	23.9	20.1

Ordering Information GX Cables - 600V

Power leads are 20 feet in length.
Standard cable spacing is 3 inches.
3" centers provide 50W/sq.ft.
4" centers provide 35W/sq.ft.

Watt output of the 600V cable is reduced by 35% when operated at 480V (approx. 7.5W/ft.)

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		3" spacing	4" spacing			
088L3620	100	25	35	1,240	2.1	290.3
088L3621	150	40	50	1,855	3.1	194.1
088L3622	250	65	85	3,080	5.1	116.9
088L3623	300	75	100	3,690	6.2	97.6
088L3624	360	90	120	4,425	7.4	81.4
088L3625	415	105	135	5,040	8.4	71.4
088L3626	465	115	155	5,650	9.4	63.7
088L3627	515	130	170	6,265	10.4	57.5
088L3628	615	155	205	7,485	12.5	48.1
088L3629	715	175	235	8,705	14.5	41.4



Controls

Part No.	Description	Voltage
088L3415	GX850M Dual Zone Controller*	120V, 240V
088L3411	GX850 ACP With Onboard 50A Contactor*	120V, 240V
088L3035	DS-2B Snow Melt Controller (30A)	120V, 240V
088L3035	DS-5 Snow Melt Controller (60A - 2x30A)	120V, 240V

*Requires ground and/or roof sensors

*Control voltage 120V

Timer/Contactor Panels

Part No.	Description	Max. Amps	Coil Voltage	No. of Contactors
088L3450	Single Contactor, 600V	40	120	1
088L3451	Single Contactor, 600V	40	208-240	1
088L3456	Single Contactor, 600V	60	120	1
088L3457	Single Contactor, 600V	60	208-240	1
088L3440	GX Timer Panel with 4hr timer, 600V	100	120	2
088L3441	GX Contactor Panel without timer, 600V	100	120	2
088L3442	GX Timer Panel with 4hr timer, 600V	200	120	4
088L3443	GX Contactor Panel without timer, 600V	200	120	4

All contactors are complete with NEMA 1 enclosure

100A contactor/timer panels consist of two, 3P, 50A contactors

200A contactor/timer panels consist of four, 3P, 50A contactors

Accessories

Part No.	Description
088L1050	Cable Strapping (15 ft.)
088L1054	Cable Strapping (75 ft.)
088L3051	Ground Sensors (two per package)
088L3053	Single Ground Sensor (one per package)
088L3052	Roof Sensor (includes 50 ft. lead wire)
088L3405	Nameplate (per NEC 426-13)
088L0010	GX Repair Kit (includes: crimp connectors, heat shrink tubes, repair wire)
088L3038	CDP-2 Remote Control and Display for Snow Sensors*
088L3039	CS-1 Remote Control/Monitor Pigtail for CDP-2
89999997	Extended Power Leads, factory spliced, 5 ft. increments**

*CDP-2 installation requires use of CS-1 pigtail

*CDP-2 can be used with DS-2B and DS-5 controllers

**Allow 6-8 weeks delivery time

Warranty

Genuine ten year comprehensive extended warranty against defects in material, design, and workmanship.

Technical Services

For technical questions, please contact Danfoss Heating Division North America at **1-866-676-8062**. More information on Danfoss Electric Heating products is available at **www.LX.Danfoss.com**.

Danfoss can accept no responsibility for possible errors in catalogs, brochures, other printed materials, and website information. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alteration can be made without subsequent changes being necessary in specifications already agreed upon. All trademarks in this material are property of the respective companies. Danfoss and Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.



Danfoss
Toronto
Toll Free: 1-866-676-8062
Tel.: 905-285-2050
Fax: 905-285-2055
www.LX.Danfoss.com

Danfoss GX
BRINGING WARMTH TO LIFE