

**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

GX Specifications

Cable Construction:	Twin conductor
Rated Voltage:	208, 240, 277, 347, 480, 600V
Output:	Cable: 12W/ft (40W/m)
Heating Element Size:	35' (10.7m) to 940' (287m)
Cold Lead	20' (6.0 m)
Bending Radius:	Minimum 1.5" (38 mm)
Cable Diameter:	1/4"(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.

Part No.	Length (feet)	Approximate heat coverage (sq.ft.)		Watts	Amps	Ohms
		3" spacing standard	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	1020	4.9	42.4
088L3124	105	25	35	1260	6.1	34.1
088L3125	125	30	45	1500	7.2	28.9
088L3126	145	35	50	1740	8.4	24.8
088L3127	160	40	55	1920	9.2	22.6
088L3128	180	45	60	2160	10.4	20.0
088L3129	210	50	70	2520	12.1	17.2
088L3130	245	60	85	2940	14.1	14.8
088L3131	280	65	95	3360	16.2	12.8
088L3132	320	75	110	3840	18.5	11.2
088L3133	355	85	120	4260	20.5	10.1
088L3134	410	100	140	4920	23.7	8.8
088L3135	460	110	160	5520	26.5	7.8



Ordering Information (Cont'd)

GX Cables - 208V

Power leads are 20 feet in length.

Part No.	Length (feet)	Approximate heat coverage (sq.ft.)		Watts	Amps	Ohms
		3" spacing standard	4" spacing			
088L3120	35	10	15	420	2.0	104.0
088L3121	50	15	20	600	2.9	71.7
088L3122	70	20	25	840	4.0	52.0
088L3123	85	25	35	1020	4.9	42.4
088L3124	105	30	40	1260	6.1	34.1
088L3125	125	35	50	1500	7.2	28.9
088L3126	145	40	55	1740	8.4	24.8
088L3127	160	45	65	1920	9.2	22.6
088L3128	180	50	70	2160	10.4	20.0
088L3129	210	60	85	2520	12.1	17.2
088L3130	245	70	100	2940	14.1	14.8
088L3131	280	80	110	3360	16.2	12.8
088L3132	320	90	125	3840	18.5	11.2
088L3133	355	105	140	4260	20.5	10.1
088L3134	410	120	165	4920	23.7	8.8
088L3135	460	135	185	5520	26.5	7.8

GX Cables - 240V

- Power leads are 20 feet in length.
- 3" centers provides 50W/sq ft.
- 4" centers provides 35W/sq ft.
- Watt output of the 240V cable is reduced by 25% when operated at 208V (approximately 9Wft.).

Part No.	Length (feet)	Approximate heat coverage (sq.ft.)		Watts	Amps	Ohms
		3" spacing standard	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	1200	5.0	48.0
088L3104	120	30	40	1440	6.0	40.0
088L3105	145	35	50	1740	7.3	32.9
088L3106	165	40	55	1980	8.3	28.9
088L3107	185	45	65	2220	9.3	25.8
088L3108	205	50	70	2460	10.3	23.3
088L3109	245	60	85	2940	12.3	19.5
088L3110	285	70	100	3420	14.3	16.8
088L3111	325	80	110	3900	16.3	14.7
088L3112	370	90	125	4440	18.5	13.0
088L3113	410	105	140	4920	20.5	11.7
088L3114	475	120	165	5700	23.8	10.1
088L3115	535	135	185	6420	26.8	9.0

GX Cables - 277V

- Power leads are 20 feet in length.
- 3" centers provides 50W/sq ft.
- 4" centers provides 35W/sq ft.
- Watt output of the 277V cable is reduced by 25% when operated at 240V (approximately 9Wft.).

Part No.	Length (feet)	Approximate heat coverage (sq.ft.)		Watts	Amps	Ohms
		3" spacing standard	4" spacing			
088L3060	50	10	15	540	1.9	145.8
088L3061	70	15	25	850	3.1	89.4
088L3062	95	20	30	1120	4.0	69.3
088L3063	115	25	40	1440	5.2	53.3
088L3064	140	35	50	1700	6.1	45.4
088L3065	170	40	60	2015	7.2	38.5
088L3066	190	45	65	2340	8.4	33.0
088L3067	245	50	75	2600	9.4	29.5
088L3068	240	55	80	2860	10.3	26.9
088L3069	285	65	95	3450	12.4	22.3
088L3070	330	80	115	4030	14.5	19.1
088L3071	375	90	125	4610	16.6	16.7
088L3072	425	100	145	5140	18.6	14.9
088L3073	475	115	160	5770	20.8	13.3
088L3074	545	130	185	6615	23.7	11.7



Ordering Information (Cont'd)

GX Cables - 347V

- Power leads are 20 feet in length.
- 3" centers provides 50W/sq ft.
- 4" centers provides 35W/sq ft.
- Watt output of the 277V cable is reduced by 25% when operated at 240V (approximately 9Wft.).

Part No.	Length (feet)	Approximate heat coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		standard 3" spacing	4" spacing			
088L3600	60	15	20	720	2.1	167.2
088L3601	90	20	30	1070	3.1	112.5
088L3602	115	30	40	1425	4.1	84.5
088L3603	145	35	50	1780	5.1	67.7
088L3604	175	45	60	2135	6.2	56.4
088L3605	210	50	70	2560	7.4	47.0
088L3606	240	60	80	2915	8.4	41.3
088L3607	300	75	100	3620	10.4	33.2
088L3608	355	80	115	4330	12.5	27.8
088L3610	415	105	135	5035	14.5	23.9
088L3611	470	120	155	5745	16.6	20.9
088L3612	530	135	175	6470	18.6	18.6
088L3613	595	150	195	7235	20.9	16.6
088L3614	680	170	225	8295	23.9	14.5

GX Cables - 480V

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		Standard 3" spacing	4" spacing			
088L3640	80	20	25	995	2.1	232.0
088L3644	200	50	70	2460	5.1	93.5
088L3646	330	85	110	4030	8.4	57.1
088L3648	490	125	160	5990	12.5	38.5
088L3650	735	185	240	8950	18.6	25.7
088L3652	820	205	270	10010	20.9	23.0
088L3654	940	235	310	11475	23.9	20.1

GX Cables - 600V

- Power leads are 20 feet in length.
- 3" centers provides 50W/sq ft.
- 4" centers provides 35W/sq ft.
- Watt output of the 600V cable is reduced by 35% when operated at 480V (approximately 7.5W/ft.).

Part No.	Length (feet)	Approximate Heat Coverage (sq.ft.)		Watts (12W/ft.)	Amps	Ohms
		Standard 3" spacing	4" spacing			
088L3620	100	25	35	1240	2.1	290.3
088L3621	150	40	50	1855	3.1	194.1
088L3622	250	65	85	3080	5.1	116.9
088L3623	300	75	100	3690	6.2	97.6
088L3624	360	90	120	4425	7.4	81.4
088L3625	415	105	135	5040	8.4	71.4
088L3626	465	115	155	5650	9.4	63.7
088L3627	515	130	170	6265	10.4	57.5
088L3628	615	155	205	7485	12.5	48.1
088L3629	714	175	235	8705	14.5	41.4



Controls

Part No.	Description	Voltage
088L3035	DS-2B Snow Melt Controller (30A)	120V, 240V
088L3037	DS-5 Snow Melt Controller (60A)	120V, 240V
088L3411	GX850 Dual Zone Automatic Control Panel (ACP)*	208V- 600V

* 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 (15ft)
088L1051	Cable Strapping (75ft)
088L3051	Ground Sensors (two per package, includes 50ft. lead wire)
088L3052	Roof Sensor (includes 50ft. 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 & Display for Snow Sensors*
088L3039	CS-1 Remote Control/Monitor Pigtail for CDP-2

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

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

Warranty

Cable/Mat: 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**, or via the web at **www.LX.Danfoss.com**

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

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