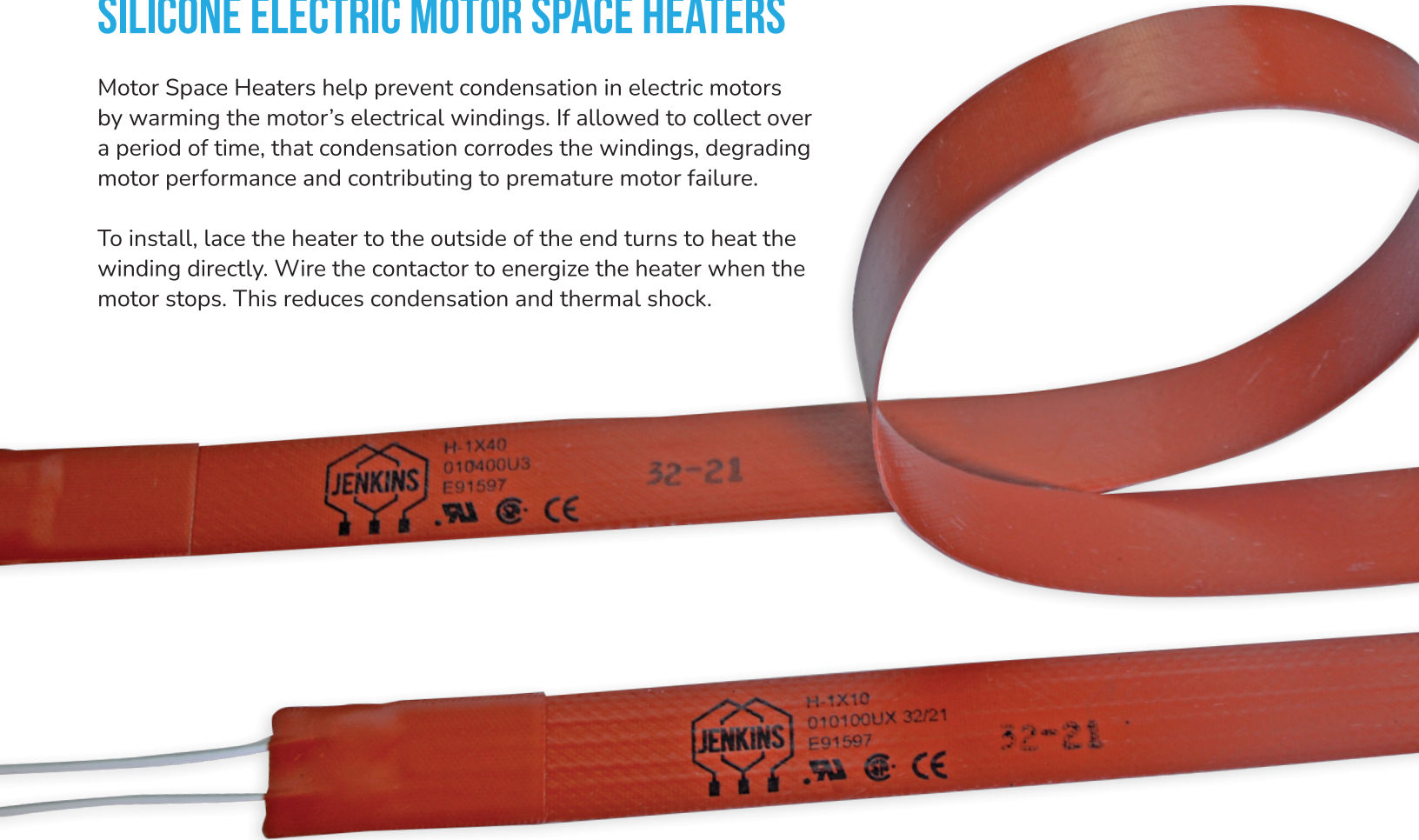


MOTOR SPACE HEATERS

SILICONE ELECTRIC MOTOR SPACE HEATERS

Motor Space Heaters help prevent condensation in electric motors by warming the motor's electrical windings. If allowed to collect over a period of time, that condensation corrodes the windings, degrading motor performance and contributing to premature motor failure.

To install, lace the heater to the outside of the end turns to heat the winding directly. Wire the contactor to energize the heater when the motor stops. This reduces condensation and thermal shock.



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MOTOR SPACE HEATERS FREQUENTLY ASKED QUESTIONS

■ What is an electric motor space heater?

Motor space heaters consist of resistance wire embedded in silicone rubber strips. These can be installed in the field to keep the winding temperature 5-10 degrees above ambient temperature.

■ When should you use a space heater in a motor?

You should use space heaters in climates and applications where there is a chance of high relative humidity when the motor is not running. When warm, humid air comes in contact with a cold motor, it causes condensation that can lead to accelerated deterioration of motor parts. The most common method of combating condensation is by installing small space heaters inside the motor.

■ What are motor space heaters used for?

Motor space heaters are used inside electric motors to prevent condensation while not running. No motor enclosure is airtight, meaning that ambient air will always contain some moisture. If moisture is allowed to condense on cool winding surfaces, it may eventually lead to insulation failure.

■ Why should I use motor space heaters?

Motor space heaters help prevent moisture build-up in electric motors by warming the motor's electrical windings.

MOTOR SPACE HEATER SIZES AVAILABLE FROM JENKINS

PART NUMBER	WATTAGE	WIDTH	LENGTH	LEAD LENGTH
H-1X5	25	1"	5"	24"
H-1X5-2	25	2"	5"	24"
H-1X10	50	1"	10"	24"
H-1X10-2	50	1"	10"	24"
H-2X5-2	50	2"	5"	24"
H-1X15	75	1"	15"	24"
H-1X15-2	75	1"	15"	24"
H-1X20	100	1"	20"	24"
H-1X20-2	100	1"	20"	24"
H-1X25	125	1"	25"	24"
H-1X30	150	1"	30"	25"
H-2X15	150	2"	15"	24"
H-2X15-2	150	2"	15"	24"
H-1X40	200	1"	40"	25"
H-2X20	200	2"	20"	24"
H-2X20-2	200	2"	20"	24"
H-2X25	250	2"	25"	24"
H-2X30	300	2"	30"	24"
H-2X40	400	2"	40"	24"
H-3X40	600	3"	40"	24"

NEMA FRAME RECOMMENDATIONS

FRAME TYPE	VOLTS	WATTS
140T	115	33
	230	65
180T	115	33
	230	65
210T	115	65
	230	65
250T	115	65
	230	65
	460	120
280T	115	130
	230	130
	460	130
320T	115	130
	230	130
	460	130
360T	115	130
	230	130
	460	130
400T	115	260
	230	260
	460	260
440T	115	260
	230	260
	460	260

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