

COMPRESSOR CRANKCASE HEATERS IN ALUMINIUM

Properties

Backer standard range of compressor crankcase heaters in stock covers almost every need of a circular heater of bellyband type regardless brand of compressors. The heaters are mainly used for compressors in heat pumps and air-conditioning or chiller systems that are installed in cold environments outdoors or in freezing rooms.

The CCH heats the oil in the crankcase to prevent refrigerant migration and mixing with crankcase oil when the unit is off. It also prevents condensation of refrigerant in the crankcase and damage of the compressor.

Backer patented design with omega style profile in aluminium permits the heat cable to rest directly on the compressor housing to achieve optimal heat properties with reduced energy consumption along with installer-friendly features.

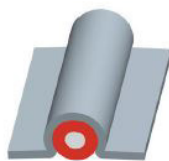


Technical specification

Material	Aluminium profile with strain relief and a silicone rubber heating cable Quick adjustable strap in stainless steel
Electric connection	Leads and ground-cable with terminals
Assembly	Quick adjustable strap
Power tolerance	±5%
Standards	CE, UL 471



High efficient profile



Heat cable positioning



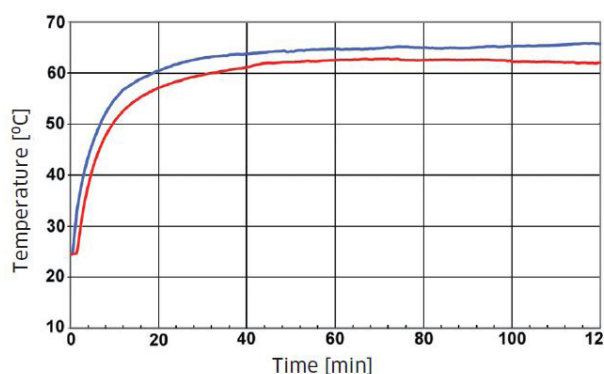
Toggle clasp

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Standard assortment

Power W	Voltage V	Diameter Ø mm	Dia. min-max Ø mm	Article no
40	240	139	124-178	3840028001
40	240	168	165-220	3840028010
40/30	480/400	168	165-220	3840028008
70	240	186	172-226	3840028016
70	240	186	172-226	3840028017
70/50	480/400	186	172-226	3840028014
90	240	233	227-281	3840028024
90/60	480/400	233	227-281	3840028049
70	240	273	248-302	3840028027
120	240	273	275-330	3840028035
70/50	480/400	273	275-330	3840028045
120/85	480/400	273	275-330	3840028036
140	240	334	319-373	3840028040

Chart



Migration tests has proven that our heaters (Blue Line) could reach the desired temperature faster than current heaters (Red Line).
Our heaters also require 5-7% less wattage to maintain the same amount of heat in the compressor, which would reduce the energy consumption.

Options

Other voltages, wattages, dimensions, shapes and materials available on request