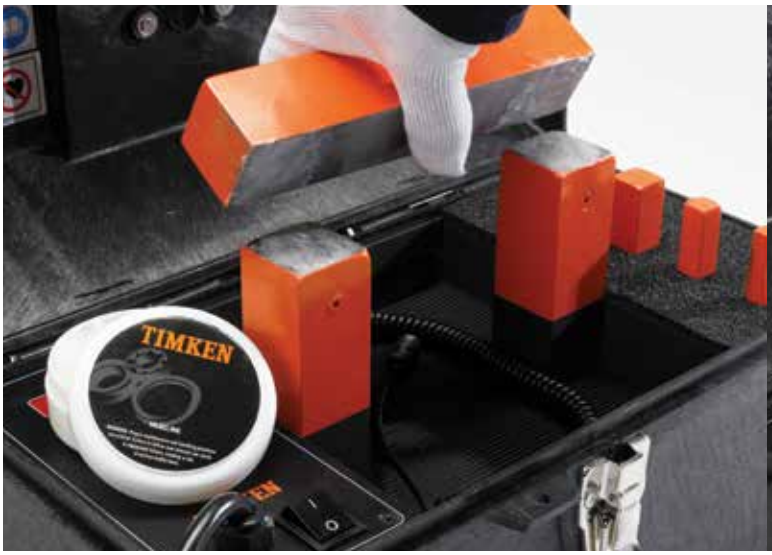
TIMKEN®





TIMKEN® G2 AND G3 INDUCTION HEATERS

NEXT-GENERATION INDUCTION HEATERS FOR FAST, SAFE COMPONENT INSTALLATION

When it's time to install components such as gears, rings, couplings and bearings, many applications require heating the workpiece to achieve a tight fit. Timken® induction heaters offer a superior solution that's that's faster, safer and more environmentally friendly than traditional heating methods such as ovens or oil baths. And our G2 and G3 high-efficiency heaters are upgraded to achieve optimal performance.

SAFER, CONTROLLED HEATING

Timken induction heaters use a high-frequency magnetic field to quickly heat your components before installation. Unlike oil baths and blow torches, induction heating does not produce flames, fumes or oil waste – creating a safer environment for your employees. During the heating cycle, the heater and yokes remain cool, and all materials are safely demagnetized. Microprocessor-controlled power supply and automatic time or temperature controls prevent overheating.

Our next generation of induction heaters are specifically designed for reliable performance in demanding industrial applications. By providing controlled heat application, they can prevent unnecessary component damage and ensure proper mounting – helping you extend the lifespan of your equipment.

UPGRADED SERIES FEATURE:

- Durable glass-fibre-reinforced polyamide components.
- Strong, durable housing and stainless steel base.
- Repositioned electronic unit for optimal protection and access.
- Full complement of yokes to cover a wide range of product sizes.





UPGRADED G2 INDUCTION HEATERS OFFER:

- Heating in time or temperature mode.
- Smart electronics that help ensure optimal heating and efficient use of power.
- A robust design for working in industrial environments.
- Automatic demagnetization.

ADVANCED G3 INDUCTION HEATERS OFFER ALL THE FEATURES OF G2 HEATERS PLUS:

- Full control of heating process.
- Easy-to-use touchscreen.
- Log function to store or export data.
- Ability to create a proof-of-work report for customers.
- Heating capabilities according to a preset temperature/time curve.
- Delta-T selectable double temperature probe.

G2-G3 TECHNICAL DATA

Models VHIN indicates a non-swing arm design, VHIS indicates a swing arm model	Power Rating 230V/120V	Voltage/ Amp Standard	Frequency	Max. Weight of the Workpiece	Max. Workpiece O.D.	Max. Workpiece Width	Pole Height	Pole Diameter	Max. Temperature	Unit Dimensions
G2-G3	kVA	V/A	Hz	**kg** lbs.	**mm** in.	**mm** in.	**mm** in.	**mm** in.	**°C** °F	**mm** in.
VHIN-10	1.2 / 1.2	120V/10A	50/60	**20** 44.09	**240** 9.45	**120** 4.72	**135** 5.31	**40x40** 1.57x1.57	**150** 302	**460x240x280** 18x1x9.4x11
VHIN-35	3.2 / 1.5	120V/13A	50/60	**50** 110.2	**400** 15.75	**120** 4.72	**130** 5.12	**40x50** 1.57x1.97	**240** 464	**600x226x272** 23.6x8.9x10.7
VHIS-75	3.6 / 1.8	120V/15A	50/60	**100** 220.5	**500** 19.69	**180** 7.09	**185** 7.28	**50x50** 1.97x1.97	**240** 464	**702x256x392** 27.6x10.1x15.4
VHIS-100	3.8 / -	240V/16A	50/60	**150** 330.7	**600** 23.62	**210** 8.27	**205** 8.07	**70x80** 2.76x3.15	**240** 464	**788x315x456** 31x12.4x18
VHIS-150	7.7 / -	2 ~ 480V /16A	50/60	**200** 440.9	**600** 23.62	**210** 8.27	**205** 8.07	**70x80** 2.76x3.15	**240** 464	**788x315x456** 31x12.4x18
VHIS-200	12 / -	2 ~ 480V /24A	50/60	**400** 882	**850** 33.46	**320** 12.60	**305** 12.00	**80x100** 3.15x3.94	**240** 464	**1214x560x990** 47.8x22x39
VHIS-400	18 / -	2 ~ 600V /30A	50/60	**600** 1323	**1050** 41.34	**400** 15.75	**315** 12.40	**90x110** 3.54x4.33	**240** 464	**1344x560x990** 52.9x22x39
VHIN-600	24 / -	2 ~ 480V /48A	50/60	**800** 1764	**1150** 45.28	**430** 16.93	**515** 20.28	**180x180** 70.90x70.90	**240** 464	**1080x650x955** 42.5x25.6x37.6
VHIN-800	40 / -	2 ~ 480V /80A	50/60	**1600** 3527	**1700** 66.93	**710** 27.95	**780** 30.71	**230x230** 9.06x9.06	**240** 464	**1520x750x1415** 59.8x29.5x55.7



VHIN-G2-10



VHIS-G3-75

PART NUMBER INTERCHANGE

Part Number		
Original	G2	G3
VHIN-10	VHIN-G2-10	-
VHIN-33	-	-
VHIN-35	VHIN-G2-35	VHIN-G3-35
VHIS-75	VHIS-G2-75	VHIS-G3-75
VHIS-100	VHIS-G2-100	VHIS-G3-100
VHIS-150	VHIS-G2-150	VHIS-G3-150
VHIS-200	VHIS-G2-200	VHIS-G3-200
VHIS-400	VHIS-G2-400	VHIS-G3-400
VHIS-550	-	-
VHIN-600	VHIN-G2-600	VHIN-G3-600
VHIN-800	VHIN-G2-800	VHIN-G3-800

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TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related industrial motion rebuild and repair services.