

GARMATAAB®

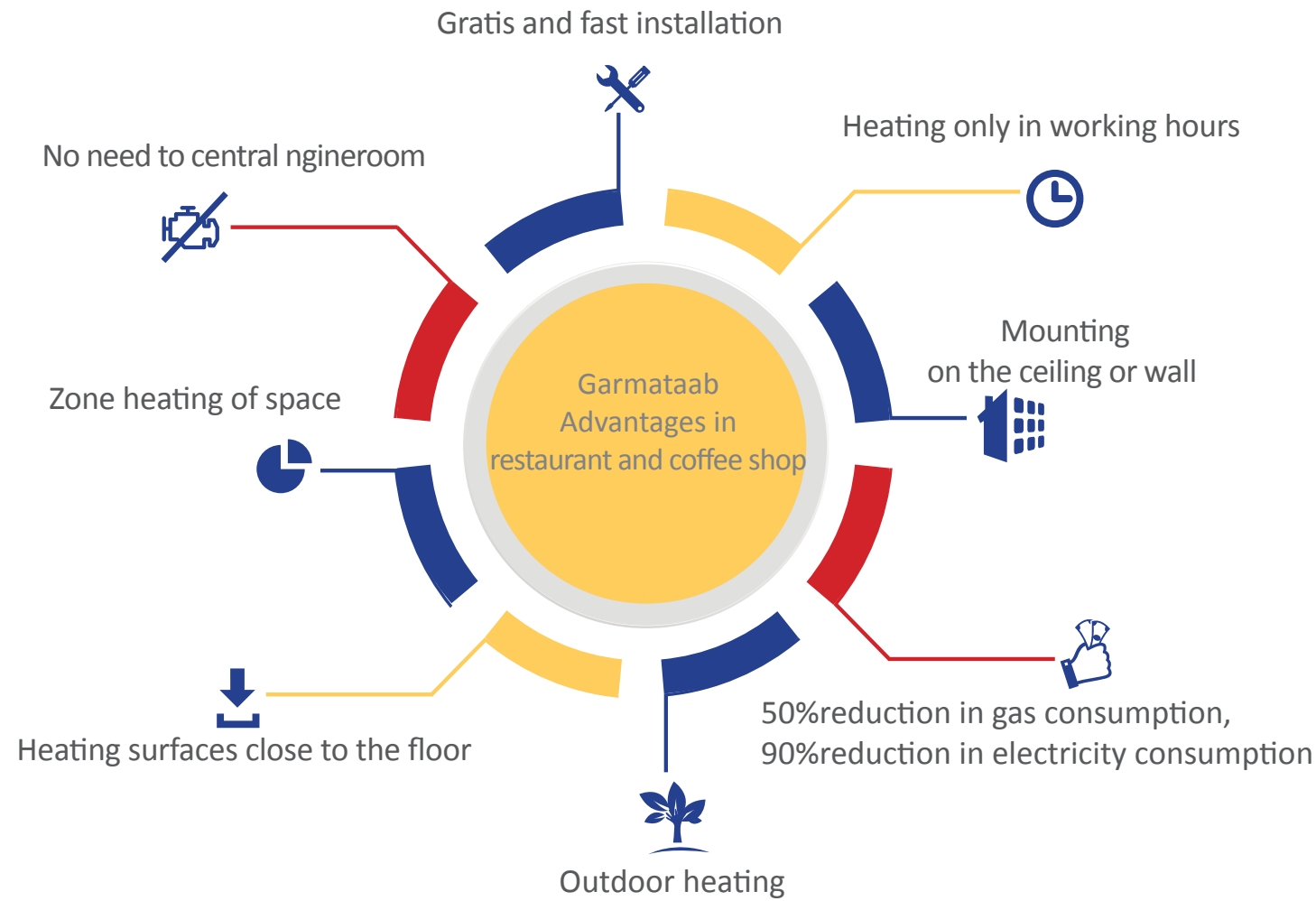
RADIANT HEATING SYSTEM



Restaurants and outdoor spaces



IRAN MASH'AL Co was founded as executive of great projects of public & industrial buildings in 1982. This company with credit of 30 years of experience took action to import manufacturing technology of radiant heating devices with cooperation of AMBIRAD UK company under the registered name of "GARMATAAB". IRAN MASH'AL Co founded an equipped lab in the location of its factory and succeeded to achieve different certificates including Iran's National Standard of product Supply heating of area of over 5 millions m2 in more than 4500 projects in different spaces using GARMATAAB heaters and also product export to various countries prove the commitment of company directors to maintain and enhance customer .satisfaction



Delcheh Vita café restaurant Artemis tower Tehran



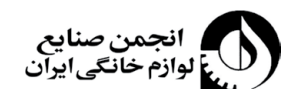
Iranian Syndicate
of Industrial
Companies



Member of
Association of Iranian
Industries Industry



ISO17025 lab
accreditation
certificate



Association of
Industries of
Household Appliances
of Iran



**Only holder
of radiant heater
standard certificate
736816696**

First & only holder of standard certificate of gas-fired radiant heating systems issued by Iranian National Standard Organization



Test & Research Lab of
IRAN MASH'AL Co has been
implemented based on ISO17025
standard and succeeded to accredit
by National Accreditation center
of Iran NACI

Certificate issued by standard
administration of Tehran
Province of IRAN as first & only
collaborative lab

**Please consider necessity of safety & performance standard certificate
in gas-fired devices**

Standard of GARMATAAB product

Due to special importance of safety & performance of gas-fired devices, Iranian National standard Organization compiled "single burner gas-fired overhead radiant tube heaters for non-domestic use" standard with NO.12871-1 based on "BS EN 416-1;1999" reference in 2010

IRAN MASH'AL Co took action to found and equip Research Laboratory of Radiant Heating Systems by spending so much effort & cost for proving conformity assessment of its product based on mentioned standard



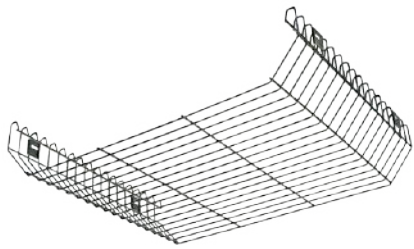
Conformity assessment of product based on "BS EN 416-1:1999" & under license
certificate issued by AMBIRAD Co

Technical specification of UT type of GARMATAAB

Model		22 UT	35 UT	40 UT	50 UT
Overall length (m)		5/24	5/89	6/10	7/62
Overall width (cm)		49	67	67	67
Weight (Kg)		63	95	97	144
Heat capacity	Kcal/hr	20,000	30,000	34,400	45,000
	KW	22	35	40	50
Max natural gas consumption (pressure 17.8 mbar) (m3/hr)		2/1	3/3	3/8	4/7
Min mounting heights (m)	Wall-mounted	3/6	4/3	4/3	5/7
	Ceil-mounted	3/0	3/6	3/6	5/0
Min clearance distances (cm)	Above device	50	50	50	50
	Beneath tubes	125	150	210	210
	To the sides of device	60	60	60	60
Electrical supply		40 to 100 Watts220- volts-single phase			
External fuse (A)		2A			



- UT type of GARMATAAB
- With high power radiation
- For heating of long-height spaces



Galvanized reticulated guard
For beauty & protection of tube

Technical specification of SL type of GARMATAAB

Model		22 SL	35 SL	40 SL	50 SL
Overall length (m)		8/02	12/62	12/70	15/15
Overall width (cm)		29/5	46	46	46
Weight (Kg)		72	117	118	134
Heat capacity	Kcal/hr	20,000	30,000	34,400	45,000
	KW	22	35	40	50
Max natural gas consumption (pressure 17.8 mbar) (m3/hr)		2/1	3/3	3/8	4/7
Min mounting heights (m)	Wall-mounted	3/6	4/3	4/3	5/7
	Ceil-mounted	3/0	3/6	3/6	5/0
Min clearance distances (cm)	Above device	50	50	50	50
	Beneath tubes	125	150	210	210
	To the sides of device	60	60	60	60
Electrical supply		40 to 100 Watts220- volts-single phase			
External fuse (A)		2A			



- SL type of GARMATAAB
- With long length
- For heating of short-height spaces







Sahar bread | Almas Shargh | Tehran





گرماتاب
GARMATAAB.COM

گرماتاب
GARMATAAB.COM



Panic restaurant | Behroud square | Tehran





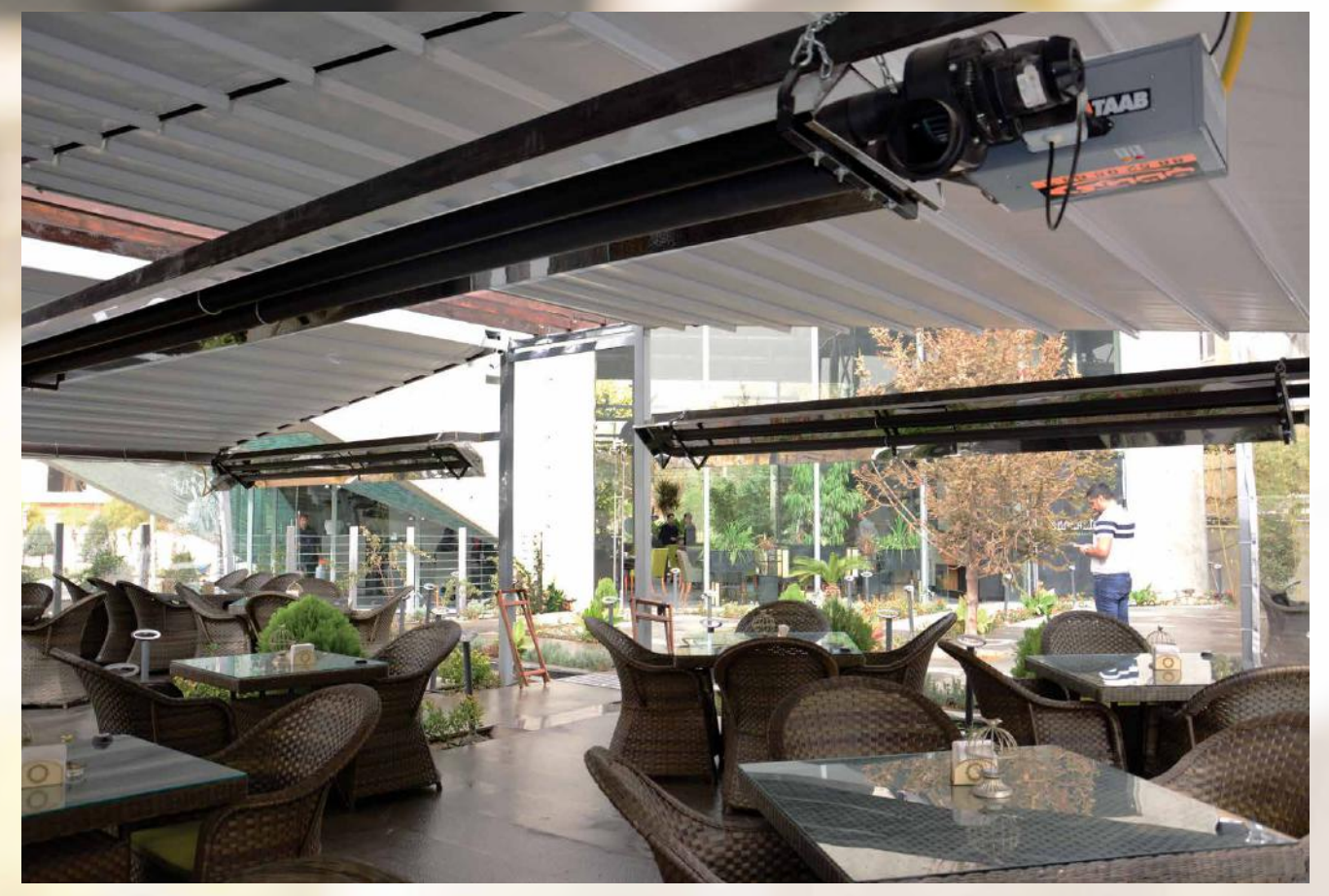






















15 years customer
service

3

3 years warranty

10

10 years warranty of radiant tubes



Gratis visit & installation

IRAN MASHAL

environment engineering co.

First manufacturer of radiant heater &
only holder of national standard certificate
based on ISIRI 12871-1 in IRAN under the
registered name of GARMATAAB



+98 21 88529566



+98 21 88752037



16 36 95 77 15



www.garmataab.com



Fajr industrial zone, Garmsar, IRAN



No.182, Dr beheshti street, Tehran, IRAN