



Touching the lives of millions for more than 80 years.

Innovative, durable and power saving products are our core competencies. Our products are being used by millions every day, positioning us as one of the leading global manufacturer of hermetic compressors. We believe in providing solutions to our customers. In this endeavor we manufacture products for Commercial Refrigeration & Air conditioning segments. Our compressors are engineered for Refrigeration, Commercial & Air conditioning segments. We are present in all types of technologies like, reciprocating, rotary, scroll, semi hermetic, etc.

Air Conditioning

We engineer a full-line of hermetically sealed compressors for residential and specialty air-conditioning segments. At home, work or play our extensive line of air-conditioning reciprocating and rotary compressors fills the need for comfort. Tecumseh has responded to the challenges of the Air-conditioning marketplace for eight decades, leading the way with improved products and services. A company dedicated to quality control has already earned Tecumseh the highest quality rating from major Air-conditioning manufacturers.

Commercial

Today, we are a recognized leader in commercial refrigeration compressors. From walk in cold rooms, display cases, reach in and milk coolers to ice machines and freezers, we design and manufacture commercial refrigeration compressors for demanding commercial environments. Large and small business owners around the world rely on Tecumseh's products to deliver the optimum properties to keep food and beverages cold, make and store ice, and to keep snack-treats, ice cream, lunches and dinners at an ideal cool temperature. From chilling to freezing, Tecumseh Commercial compressors, Condensing units and systems offer solutions that are designed to perform under tough, strenuous conditions. And that's where Tecumseh has earned its reputation.

Domestic Refrigeration

We are a recognized leader in domestic refrigeration compressors. We have over 30 million compressor operating in household refrigerators. Tecumseh serves its customers in this segment with most efficient product line.

TECUMSEH CONTACT DETAILS

LOCATION	ADDRESS	CONTACT NO.	STATES COVERED
NEW DELHI	56, WHS, Furniture Block, Kirti Nagar, New Delhi - 110 015	+91 11 2519 0092	Delhi, Rajasthan, Haryana, Chandigarh and Ghaziabad
MUMBAI	Kaushik Chamber, Plot No.64, Sector-19A,Vashi, Navi Mumbai - 400 705	+91 22 6517 6929	Maharashtra and Goa
CHENNAI	Old No. 37, New No.6, Arcot Road, Vadapalani, Chennai - 600 026	+91 44 2365 2244	Tamil Nadu and Kerala
KOLKATA	4/2/1A, Rustomjee Street, Kolkata, West Bengal - 700 019	+91 33 2460 6026	West Bengal, Assam and Bihar
AHMEDABAD	Gala No.8, Amul Estate, Opp.Marium Masjid, Near Sanand-Sarkhej Railway Crossing, Sarkhej, Ahmedabad-380 220	+91 79 2682 3423	Gujarat
HYDERABAD	Tecumseh Products India Pvt. Ltd., Trading Division, Balanagar Township, Hyderabad - 500 037	+91 40 2372 0034	Andhra Pradesh, Orissa, Kerala and Tamil Nadu
CHANDIGARH	Plot No. 213, Sector 29D, Iron Market, Chandigarh - 160 030	+91 172 265 4481	Punjab, Himachal Pradesh and Jammu & Kashmir
INDORE	302, Navlakha, Opp. Prakash Nagar, Nemawar road, Indore-452001 (MP)	+91 731 240 0554	Madhya Pradesh and Chattisgarh
GHAZIABAD	71, New Arya Nagar, Delhi-Meerut Road, Ghaziabad - 201 001 (UP)	+91 120 434 6186	Uttar Pradesh and Uttarakhand
RAIPUR	131/844, Ward No. 21, Fafadih, Kumhar Para, Raipur - 492 001 (Chattisgarh)	+91 982 623 0802	Chattisgarh



REGISTERED OFFICE : Tecumseh Products India Pvt. Ltd., Balanagar Township, Hyderabad - 500 037, India. Ph : +91 40 3011 6993

MANUFACTURING LOCATIONS : Balanagar Township, Hyderabad - 500 037, Ph : +91 40 3011 6993
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Cooling
for a Better
Tomorrow™

COMPRESSORS

DOMESTIC REFRIGERATOR
SEGMENT

MKT/Br/05/FEB 2016

Compressors - Domestic Refrigeration Application

R134 A	50Hz	MODEL	Dis./ Rev.		Capacity		Current	Power	EER		Circuit	Voltage		Cooling	Oil charge
			cc	cu.in	(Btu/Hr)	(Kcal/Hr)	(Amps)	(Watts)	(Btu/ W hr)	(Kcal/ W hr)		Rated volts	Range volts		ml
		THK1330YCF	3.14	0.19	280	70.53	0.7	80	3.50	0.9	PTCSIR	230	160-260	Static	210
		THK 1340 YCF	4.00	0.24	365	92	0.8	94	3.88	0.98	PTCSIR	230	160-260	Static	210
		THK 1351 YJF	5.00	0.31	445	112.1	0.9	120	3.71	0.93	PTCSCR	230	160-260	Static	230
		THK 1352 YCF	5.00	0.31	460	116	1.04	116	4.00	1.01	PTCSIR	230	160-260	Static	230
		THK 1358 YCF	5.60	0.34	500	125.9	1	121	4.13	1.04	230	160-260	Static	230	
		THK 1365 YCG	5.90	0.36	540	136	0.6	115	4.22	1.06	PTCSIR	230	170-260	Static	230
	THK1374YFS	6.90	0.42	600	151.1	1.2	143	4.2	1.06	CSIR	220	180-242	Static	230	
	50/60Hz	THK 1352 YGS	5.00	0.31	50 Hz	460	115.9	1	110	4.2	1.05	PTCSIR	220	180-242	Static
60 Hz					520	131	0.9	118	4.4	1.1	187-242				
THK 1358 YGS		5.60	0.34	50 Hz	500	125.9	0.9	118	4.24	1.07	RSIR	220	180-242	Static	230
				60 Hz	570	143.5	0.85	128	4.45	1.12			187-242		
THK 1365 YGS		5.90	0.36	50 Hz	540	136	1	128	4.22	1.06	PTCSIR	220	180-242	Static	230
				60 Hz	610	154	0.95	135	4.56	1.13			187-242		

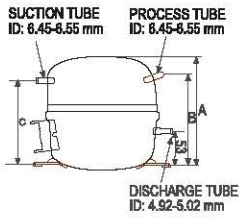
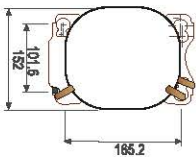
Compressor Rating Conditions	
Evaporating Temperature	-23.3°C
Condensing Temperature	54.4°C
Sub Cooling Temperature	32.2°C
Ambient Temperature	32.2°C

Application Details	
Application	Domestic Refrigerator
Refrigerant Control	Capillary / expansion
Minimum Compressor Cooling	Static / Fan Cooled
Circuit	PTCSIR, CSIR, RSIR

Notes
1. The compressor confirms to IS: 10617 - 1983, Part - 3
2. Values of Cooling Capacity, current and power input are nominal and subject to variation of ± 5%
3. Voltage refers to the terminal volts and the compressor can start and run upto 32.2°C within specified voltage range
4. The product specification do not conform to any regulatory requirements other than those mentioned

Physical Dimensions

TH Series



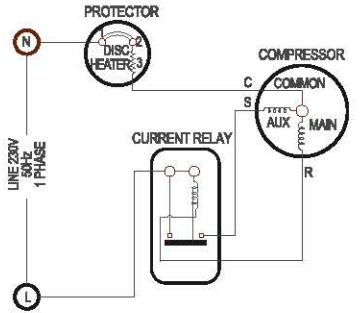
Compressor Models	A	B	C
THK1330Y THK1340Y	187.7	144.2	132.2

Note: All dimensions are in millimeters.

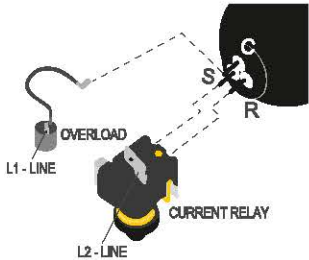
Compressor Models	A	B	C
THK1352Y, THK1358Y THK1365Y	171.0	147.5	135.5
THK1374Y	176.4	152.9	140.9

Schematics & Wiring Diagrams

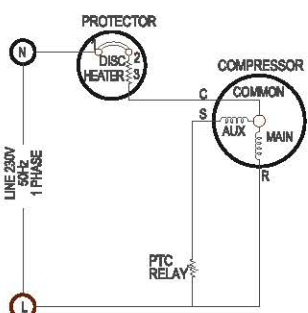
RSIR CIRCUIT



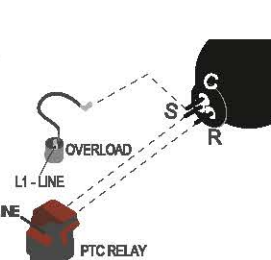
RSIR



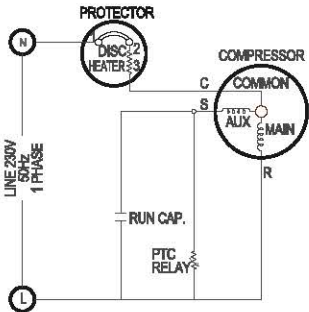
PTCSIR CIRCUIT



PTCSIR



PTCSCR SCHEMATIC



PTCSCR WIRING

