

Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

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Refrigerant	Standing Pressure (PSIG)	Suction Pressure (PSIG)	Discharge Pressure (PSIG)	Boiling Point (°F)
R22	100	50	150	-41.0
R134a	90	45	140	-26.1
R32	110	55	160	-50.7
R404A	120	60	170	-44.6
R407C	115	58	165	-45.5
R410A	130	65	180	-52.3
R290	105	52	155	-29.8
R600a	95	48	145	-42.8
R417A	102	51	152	-40.8

Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.

Compressor database chart Relay Olp

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HP	1/8	1/6	1/5	1/4	1/3	1
W	93	125	150	180	245	3
max(A)	3.0	3.6	4.25	4.75	5.30	6
min(A)	2.6	3.0	3.35	3.75	4.25	5

A refrigerator compressor does not run alone; it depends on a start relay and an overload protector (OLP) to start safely and avoid burning out. The wiring diagram of compressor, relay, and OLP shows how power flows from the thermostat, through protection devices, to the motor windings, keeping domestic fridges reliable and safe.

Electrostar 16 foot refrigerator 1/6 HP

compressor 125W top freezer Mbsmgroup

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Electrostar's 16-foot refrigerator remains a practical choice for families who want reliable cooling and manageable energy use. With a capacity of roughly 315–330 liters and a compact top-freezer layout, it relies on a small 1/6 HP-class compressor, drawing around 125 watts, to balance cooling performance, noise and long-term running costs.

Kiriazhi 6-Drawer No-Frost Upright Freezer: Complete Technical and Service-Level Overview

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The Kiriazhi 6-drawer no-frost upright freezer is designed for households and technicians who expect serious performance from a domestic appliance. With a tall, space-saving cabinet, six organized drawers and a tropicalized 1/6 hp compressor, it delivers reliable deep-freeze temperatures, digital control and efficient energy use even in demanding, high-ambient environments.

Zanussi 16 Cubic Feet Refrigerator Compressor GL90AA - 1/4 HP R134a

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A 16 cubic feet Zanussi refrigerator typically relies on the GL90AA hermetic compressor, a compact piston unit built for R134a and low back pressure applications. This 1/4 HP motor offers cooling capacities from roughly 165 W up to around 346 W, giving enough reserve to maintain stable temperatures in family-size fridges even in hot kitchens.

Samsung front-load tub front half assembly: dimensions, components and replacement guide

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The tub front half assembly on Samsung front-load washing machines combines the plastic support ring, EPDM rubber door gasket, drain hose and spring-loaded clamp into one critical sealing unit between the drum and cabinet. It defines the loading opening and overall tub size while ensuring leak-free, efficient washing and spin performance for modern laundry applications.

Finder 66.82.8.230.0000 Power Relay: **Reliable 30A Solution for HVAC and** **Industrial Control**

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The Finder 66.82.8.230.0000 is a high-power, flange-mount relay designed for demanding switching tasks in HVAC, refrigeration and industrial control panels. With a 230 V AC coil and 30 A contact rating, it offers a compact but robust alternative to contactors in many applications, saving space while maintaining safety.

Tecumseh CAJ9480T R22 Hermetic **Compressor: Complete Technical Guide for** **Professionals**

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The Tecumseh / L'Unité Hermetique CAJ9480T is a 5/8 HP hermetic compressor delivering about 1 968 W of cooling capacity for R22 commercial refrigeration systems. It is widely used in small cold rooms, display cabinets and compact condensing units. This Mbsmgroup guide explains its main specifications, applications, installation tips and key technical PDFs.

MADeL KCA-SUB zoning control module: wiring, functions and professional applications

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The MADeL KCA-SUB is an electronic zoning controller designed to manage up to six independent air-conditioning zones from a single ducted unit. The image shows the KCA-SUB installed in a junction box with its power, relay and sensor terminals visible, offering HVAC technicians a compact and versatile solution for sub-zone temperature control.

Electrostatic Paint Sprayer: Precision Coating for Modern Workshops

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In many metalworking, HVAC and automotive workshops, an electrostatic paint sprayer has become the secret weapon for achieving premium finishes with less paint and less mess. This compact mobile system charges each droplet of paint so it is strongly attracted to grounded metal parts, wrapping around complex shapes and cutting overspray dramatically.