



Tecumseh

- ▶ Solution long-term
- ▶ Low GWP (146)
- ▶ Low Flammability

AJ² compressor

HP - R455A / R454C

Qualified for A2L fluids.

KEY FEATURES AND BENEFITS

▶ **Eco-friendly**

Optimised for operation with A2L-rated R455A and R454C refrigerants.

▶ **Low TEWI (Total Equivalent Warming Impact)**

Lower energy consumption with these new refrigerants.

▶ **Proven reliability**

- Robust design fruit of decades of commercial refrigeration expertise.
- Life and performance tests carried out in our laboratory.



▶ **Large operating window**

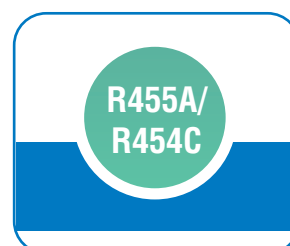
- Same as the one obtained with transition fluids.
- Covers all applications positive cold.

APPLICATIONS

Cold rooms, refrigerated cabinets and display cases, beverage dispensers, ice machines, fermentation chambers, etc.



REFRIGERANTS





AJ² compressor

HP - R455A / R454C

Qualified for A2L fluids.

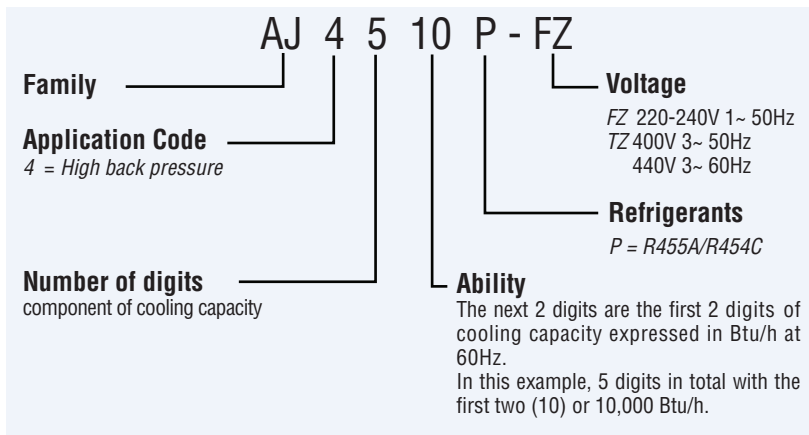
NOMENCLATURE

Power range:

► from 1094 to 2390 Watts

Application(s) :

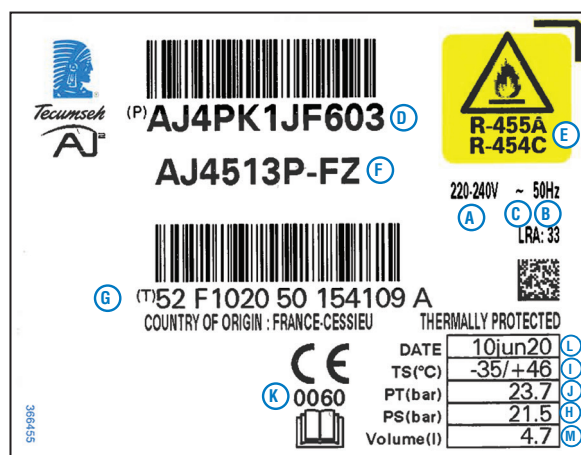
► From -15°C to +15°C.



SPECIFICATIONS

MODEL NUMBER	CYL. cm ³	MO-TOR	RE-FRIG.	COOLING CAPACITY (W) 45°C cond., 10K superheat, SC 3K, Mid/Mid							PERF.: EN12900 (5°C / 50°C / RG 20°C / SC OK)		Diam. tubes O.D. (mm/inches)			Vol-tage	Weight (kg)	H (mm)
				Evaporation temperature (°C):							QPF (W)	COP (W/W)	Suction	Re- pression	of load			
				-15	-10	-5	0	5	10	15								
AJ4480P	15,2	CSR/ TRI	R455A	826	1094	1415	1797	2250	2784	3409	1948	2,35	12,7 - 1/2"	7,9 - 5/16"	6,35 - 1/4"	FZ/ TZ	20,8	268
			R454C	670	890	1154	1470	1845	2290	2812	1614	2,15						
AJ4510P	18,3	CSR/ TRI	R455A	980	1303	1692	2160	2719	3381	4163	2343	2,39	15,9 - 5/8"	7,9 - 5/16"	6,35 - 1/4"	FZ/ TZ	21,5	280
			R454C	806	1083	1417	1820	2303	2877	3556	2003	2,25						
AJ4513P	24,2	CSR/ TRI	R455A	1273	1701	2221	2852	3611	4519	5597	3094	2,45	15,9 - 5/8"	7,9 - 5/16"	6,35 - 1/4"	FZ/ TZ	22,0	280
			R454C	1066	1450	1919	2488	3174	3996	4972	2743	2,39						
AJ4517P	25,95	CSR/ TRI	R455A	1408	1883	2449	3124	3926	4875	5991	3387	2,44	15,9 - 5/8"	7,9 - 5/16"	6,35 - 1/4"	FZ/ TZ	23,0	280
			R454C	1249	1675	2182	2785	3500	4345	5340	3062	2,43						
AJ4519P	34,45	CSR/ TRI	R455A	1820	2390	3077	3903	4892	6070	7463	4225	2,35	15,9 - 5/8"	7,9 - 5/16"	6,35 - 1/4"	FZ/ TZ	23,0	280
			R454C	1643	2162	2779	3513	4387	5420	6638	3845	2,30						

LABEL



REFERENCE	DESIGNATION
A	Voltage
B	Frequency
C	Number of phases
D	BOM
E	Refrigerant
F	Designation of the model
G	Serial number
H	Maximum allowable pressure
I	Minimum and maximum temperature
J	Pressure test 1.1* Ps
K	EC registration number
L	Test date
M	Free Volume



NWD0343