



Tecumseh

# Natural Refrigerant R290

Large Compressor range.

- ▶ High Efficiency
- ▶ Good Performances
- ▶ Long Term Solution

## KEY FEATURES AND BENEFITS

- ▶ **Eco-Friendly**  
Optimized for use with eco-friendly refrigerant R290 (propane)
- ▶ **Performance**  
Excellent thermal & physical characteristics, cooling capacity similar to current refrigerants
- ▶ **Good TEWI ( Total Equivalent Warming Impact)**  
Natural refrigerant, less energy consumption than traditional refrigerant
- ▶ **Easy to use**  
No glide, low maximum pressure, refrigerant available and low cost
- ▶ **Proven reliability**  
Leverages robust design attributes developed from decades of commercial refrigeration experience

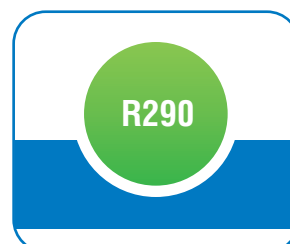


## APPLICATIONS

Reach-in, display cases, bottle coolers, beer coolers, ice machines, fermentation chambers...



## REFRIGERANT





# Natural Refrigerant R290

Large Compressor range.

## COMPRESSOR INFORMATION

### Capacity range:

- ▶ LBP Capacity range: from 46 to 720 Watts
- ▶ HBP Capacity range: from 370 to 2128 Watts

### Application(s):

- ▶ LBP temperature: -40°C to -10°C
- ▶ LMBP temperature: -35°C to -5°C
- ▶ HBP temperature: -15°C to +15°C

## SPECIFICATIONS

MODEL NUMBER	DIS-PLACE-MENT (cm <sup>3</sup> )	MOTOR TYPE	COOLING CAP. W & COP W/W		COOLING CAP. W & COP W/W		EVAPORATING TEMP. RANGE	TUBE CONNECTIONS			WEIGHT (kg)	HEIGHT (mm)
			-35°C / 40°C (SH=10K/SC=3K)	0,82	-10°C / 45°C (SH=10K/SC=3K)	1,98		SUCTION (mm - inches)	DISCHARGE (mm - inches)	PROCESS (mm - inches)		
TCW330U	1,83	CSIR	46	0,82	135	1,98	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,3	168
TCW350U	2,72	CSIR	68	0,83	210	2,02	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,3	168
TCW360U	3,14	CSIR	78	0,85	230	1,94	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
TCW380U	4,19	CSIR	105	0,83	328	1,87	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
TCW390U	4,75	CSIR	126	1,00	376	2,14	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
TC4425U	4,75	CSIR	/	/	370	1,80	-15°C --> +15°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
AE4425U	5,02	CSIR	/	/	331	1,62	-15°C --> +15°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	10	200
AE2410U	5,48	CSIR	99	0,70	399	1,7	-40°C --> -10°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	10,5	210
TCW410U	6,06	CSIR	145	0,98	444	2,28	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
TC4430U	6,06	CSIR	/	/	473	2,02	-15°C --> +15°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
AE4430U	6,12	CSIR	/	/	397	1,66	-15°C --> +15°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	10,1	200
TCW413U	6,93	CSIR	177	1,03	493	2,18	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,6	168
TC4440U	7,84	CSIR	/	/	542	1,63	-15°C --> +15°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,5	168
AE4440U	8,02	CSIR	/	/	525	1,71	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	10,2	210
TCW415U	7,84	CSIR	197	0,95	572	1,95	-35°C --> -5°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	8,6	168
AE2415U	8,85	CSIR	160	0,81	588	1,71	-40°C --> -10°C	6,35 - 1/4"	4,76 - 3/16"	6,35 - 1/4"	10,6	210
AE2420U	10,96	CSIR	238	0,90	752	1,63	-40°C --> -10°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	10,6	210
AE4450U	10,33	CSIR	/	/	709	1,75	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	10,5	210
AE4460U	12,01	CSIR	/	/	765	1,63	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	11,2	210
AEX424U	12,01	CSR	229	0,90	777	1,86	-35°C --> -5°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	11	208
AEX428U	13,24	CSR	244	0,89	828	1,85	-35°C --> -5°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	11	208
AEX433U	15,09	CSR	282	0,90	955	1,84	-35°C --> -5°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	11,3	208
CAJ2446U	26,2	CSR	510	0,97	1724	1,8	-40°C --> -10°C	12,7 - 1/2"	7,9 - 5/16"	6,35 - 1/4"	22	268
CAJ4513U	25,95	CSR	/	/	1543	1,82	-15°C --> +15°C	12,7 - 1/2"	7,9 - 5/16"	6,35 - 1/4"	21,9	280
CAJ4518U	34,45	CSR	/	/	2128	1,73	-15°C --> +15°C	12,7 - 1/2"	9,5 - 3/8"	6,35 - 1/4"	22,2	280
CAJ2464U	34,5	CSR	720	1,01	2265	1,75	-40°C --> -10°C	12,7 - 1/2"	9,5 - 3/8"	6,35 - 1/4"	23	268
HGA4467U	9,5	CSIR	/	/	728	2,11	-15°C --> +15°C	9,5 - 3/8"	7,9 - 5/16"	/	12	163
HGA4492U	12,75	CSIR	/	/	980	2,16	-15°C --> +15°C	12,7 - 1/2"	7,9 - 5/16"	/	12,5	163
HGA4512U	16,12	CSIR	/	/	1263	2,18	-15°C --> +15°C	12,7 - 1/2"	7,9 - 5/16"	/	13,2	163

