



Tecumseh

Compressor AK2

Best in Class Efficiency.

- ▶ Energy Efficient
- ▶ R290
- ▶ Highly reliable

KEY FEATURES AND BENEFITS

▶ Eco-friendly

AK2 is optimized for use with eco-friendly refrigerant R290 (Propane)

▶ Proven reliability

Leverages robust design attributes developed from decades of commercial refrigeration experience

▶ Performance

New valve plate, suction muffler and motor specific R290 designs result in improved compressor efficiency



▶ Optimized noise level

New suction muffler and internal suspension system as well as new rounded housing combine to deliver significant improvements in sound quality

APPLICATIONS

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



REFRIGERANT





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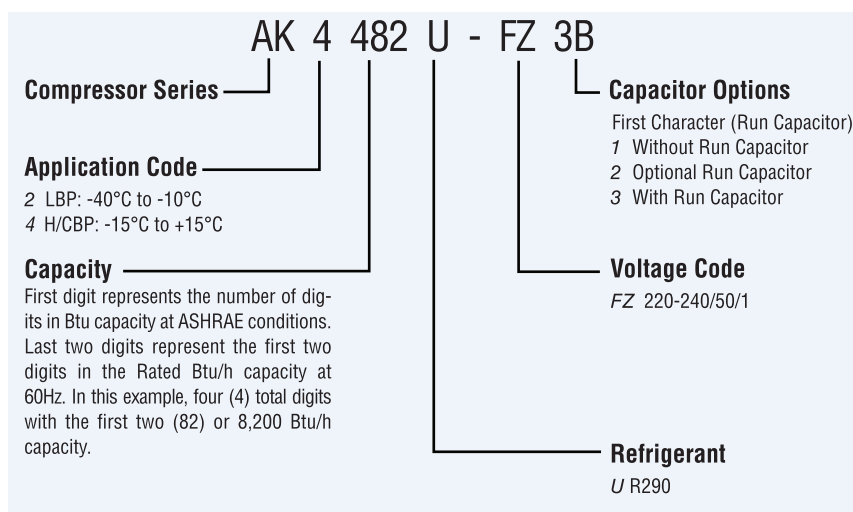
COMPRESSOR INFORMATION

Capacity range:

- ▶ LBP Capacity range:
from 357 to 526 Watts
- ▶ HBP Capacity range:
from 1100 to 1800 Watts

Application:

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



SPECIFICATIONS

LBP APPLICATION										
MODEL NUMBER	DIS-PLACE-MENT (cm ³)	MOTOR TYPE	COOLING CAPACITY W&COP W/W		EVAPORATING TEMP RANGE	TUBE CONNECTIONS			WEIGHT (kg)	HEIGHT (mm)
			-35°C/40°C (SH=10K / SC=3K)			Suction (mm/inches)	Discharge (mm/inches)	Process (mm/inches)		
AK2424U-FZ	17,45	CSR	357	0,91	-40°C --> -10°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	220
AK2431U-FZ	20,4	CSR	418	0,90	-40°C --> -10°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	234
AK2447U-FZ	25,7	CSR	526	0,95	-40°C --> -10°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	234

HBP APPLICATION										
MODEL NUMBER	DIS-PLACE-MENT (cm ³)	MOTOR TYPE	COOLING CAPACITY W&COP W/W		EVAPORATING TEMP RANGE	TUBE CONNECTIONS			WEIGHT (kg)	HEIGHT (mm)
			-10°C/45°C (SH=10K / SC=3K)			Suction (mm/inches)	Discharge (mm/inches)	Process (mm/inches)		
AK4482U-FZ	15,6	CSR	1093	2,10	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	234
AK4492U-FZ	17,45	CSR	1222	2,08	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	234
AK4511U-FZ	20,4	CSR	1428	2,02	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	234
AK4514U-FZ	25,7	CSR	1799	2,04	-15°C --> +15°C	9,5 - 3/8"	6,35 - 1/4"	6,35 - 1/4"	16	234



NWD0197