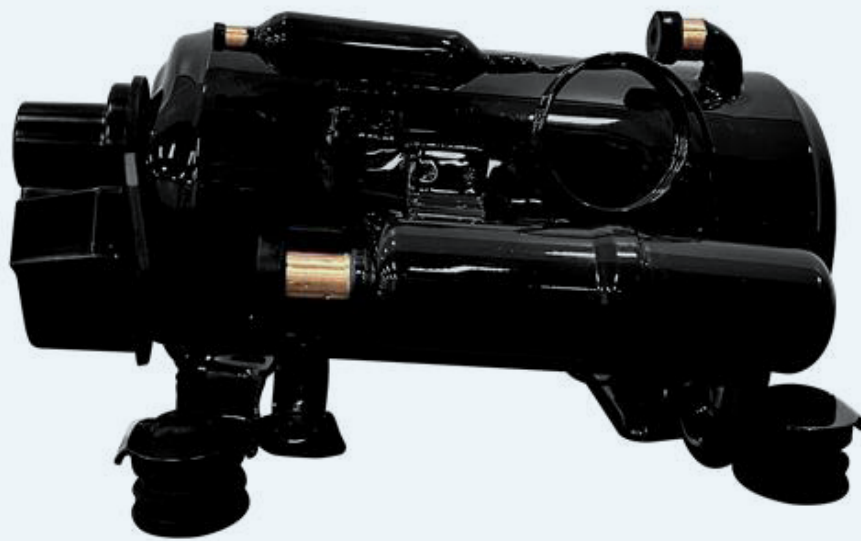


NEVADA

LBP DC-POWERED VARIABLE SPEED HORIZONTAL ROTARY COMPRESSORS



APPLICATIONS



refrigerated
truck



food-truck



solar
panels



mobile
container

REFRIGERANTS

R-404A

R-452A

R-290

FEATURES & BENEFITS

OPTIMAL DESIGN

- High efficiency rotary design in a low profile
- 2 displacements :
18 and 36cc

HIGH PERFORMANCE

- Variable speed control
- Liquid injection control

COMPACT DESIGN

- Steel hermetic shell with standalone controller (optional IP67 enclosure)

LARGE VOLTAGE RANGE

- 48* / 400 / 650 / 850 Vdc
*18cc only

COOLING PERFORMANCE*

R-452A AHRI LBP (-23.3/48.9°C)

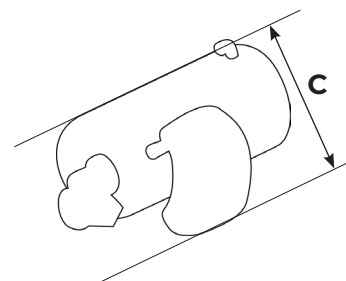
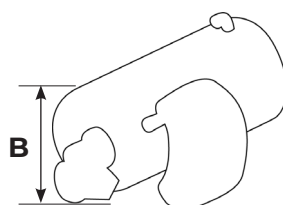
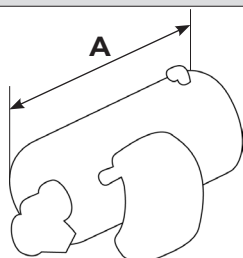
	SPEED (RPM)						
	1800	2400	3000	3600	4500	5500	6500
NEVADA 18CC							
CAPACITY (W)	509	697	886	1073	1344	1625	1886
COP (W/W)	1.24	1.28	1.32	1.31	1.30	1.28	1.24
NEVADA 36CC							
CAPACITY (W)	1017	1394	1771	2146	2688	3250	3771
COP (W/W)	1.42	1.43	1.44	1.43	1.40	1.36	1.31

R-290 AHRI LBP (-23.3/48.9°C)

NEVADA 18CC							
CAPACITY (W)	520	689	870	1059	1340	1650	1955
COP (W/W)	1.54	1.59	1.62	1.62	1.61	1.58	1.54
NEVADA 36CC							
CAPACITY (W)	1040	1378	1741	2117	2679	3300	3909
COP (W/W)	1.77	1.78	1.78	1.76	1.73	1.69	1.64

DIMENSIONS*

MODEL	A (mm)	B (mm)	C (mm)
18CC	286	138	180
36CC	326	141	180



CONTROLLER INFORMATION

- Standalone controller (optional IP67 enclosure)
- Nominal voltages: 48, 400, 650, 850 Vdc
- CAN Bus interface (J1939)
- Compressor speed control range: 1800 to 6500 rpm
- Compressor safe operation area protection (temp, current, power)
- Ambient temperature range: -25°C to +85°C

*Preliminary data subject to changes without notice



DISCOVER
THE TECUMSEH
PRODUCT RANGE

