

COMMERCIAL REFRIGERATION

ROTARY COMPRESSOR

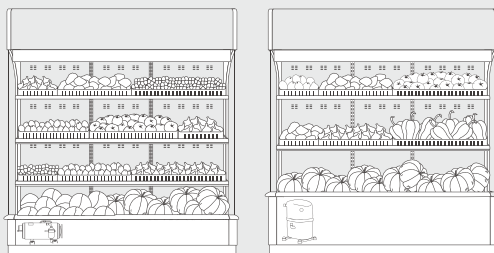


R404A | R290 | R32

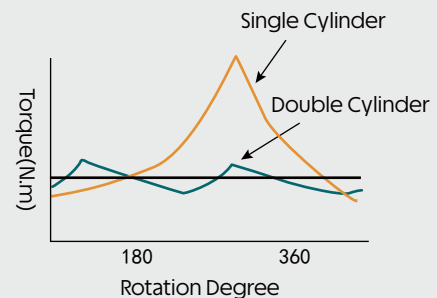
Boyard refrigeration compressor are mature and stable. Liquid injection technique secure reliability in harsh condition and twin cylinder technology significantly brings down the noise and vibration. Being the drafter of national standard of rotary refrigeration compressor, Boyard never stopped to delivering high levels of durability, efficiency and comfort rotary solution that also demands affordability and low GWP.



Horizontal Low Profile



Twin Rotary



All kinds of power supply from 1HP to 3HP capacity



Liquid injection technique to prevent over heating



Twin rotary technique brings lower vibration and noise



Horizontal design gives More space for display

Power Supply	Cooling Capacity				
	1000W	2000W	3000W	4000W	5000W
115V 60Hz					
208-230V 60Hz					
220-240V 50Hz					

R290 DC 312V

Model	Displacement (cc/rev)	Capacity (W)	Input Power (W)	Current (A)	COP (W/W)	Rated Speed (rpm)	Speed Range (rpm)	Height (mm)	Test Conditions	Form	Cylinder Number
JVSP150Z220	15.0	2260	922	4.5	2.45	4500	900-5400	243	C	V	2
		1249	735	3.5	1.7	4500	900-5400		D		
KHSP203Z220	20.3	2400	1091	5.2	2.2	3600	900-5400	185	C	H	2
		1450	1000	4.6	1.45	3600	900-5400		D		

R290 1PH 220-240V ~ 50Hz/60Hz

Model	Displacement (cc/rev)	Capacity (W)	Input Power (W)	Current (A)	COP (W/W)	Rated Speed (rpm)	Speed Range (rpm)	Height (mm)	Test Conditions	Form	Cylinder Number
KHP164KS	16.4	1510	735	3.4	2.05	2850	/	185	C	H	1
		905	670	3	1.35		/		D		
KHSP203KS	20.3	1870	912	4.3	2.05	2850	/	185	C	H	2
		1120	830	3.9	1.35		/		D		
SHP236KS	23.6	2240	1092	4.7	2.05	2850	/	195	C	H	1
		1280	964	3.6	1.33		/		D		

R290/R513A/R1234yf/R1270/R134a 1PH 220-240V ~ 50Hz

Model	Displacement (cc/rev)	Capacity (W)	Input Power (W)	Current (A)	COP (W/W)	Height (mm)	Test Conditions	Form	Number of Cylinders
SVP120K	12.0	1500	680	3.2	2.2	238	C	V	1
SVP150K	15.0	1800	820	3.8	2.2	238	C	V	1
SVP236K	23.6	2950	1340	6.2	2.2	252	C	V	1

R404A/R448A/R449A/455A 1PH 220-240V ~ 50Hz

Model	Displacement (cc/rev)	Capacity (W)	Input Power (W)	Current (A)	COP (W/W)	Height (mm)	Test Conditions	Form	Number of Cylinders
KHSD203KS	20.3	2480	1240	5.7	2.0	185	C	H	2
		1200	1060	4.8	1.13		D		
QHD-23K	23.6	2780	1545	7.3	1.8	195	C	H	1
		1450	1380	6.5	1.05		D		
QHD-30K	30.7	3200	1883	8.7	1.7	195	C	H	1
		1800	1714	8	1.05		D		
THSD329KS	32.9	3400	2000	9.3	1.7	195	C	H	2
		1850	1762	8	1.05		D		
QHD-36K	35.7	3720	2190	10.3	1.7	195	C	H	1
		2085	1986	9.3	1.05		D		
THSD456KS	45.6	4710	2771	12.9	1.7	195	C	H	2
		2530	2400	11.4	1.05		D		

Test Conditions

Test Condition	Evaporating Temp.	Condensing Temp.	Suction Temp.	Liquid Temp.
C	-6.7℃	54.4℃	18.3℃	32.2℃
D	-23.3℃	54.4℃	18.3℃	32.2℃