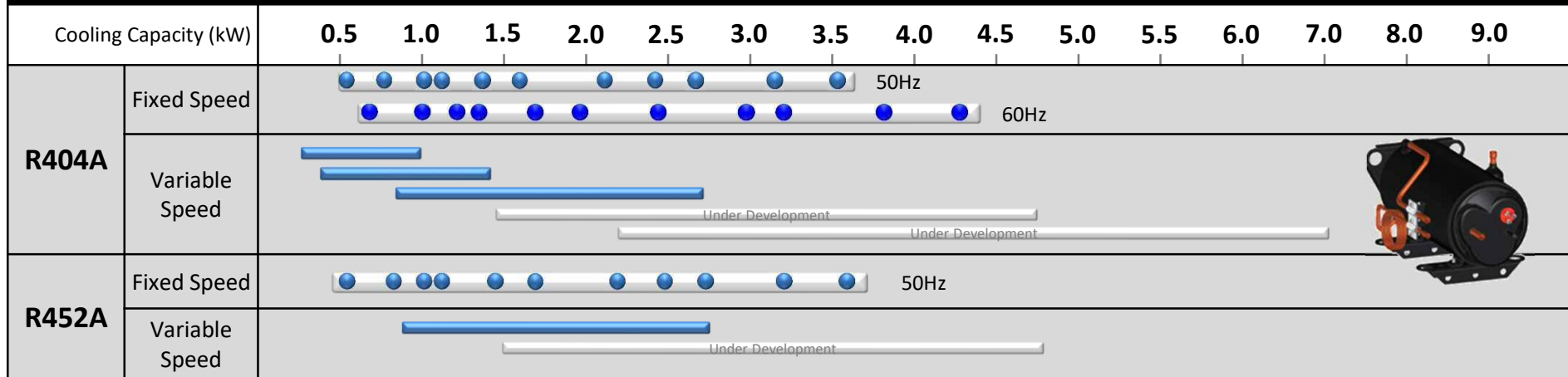
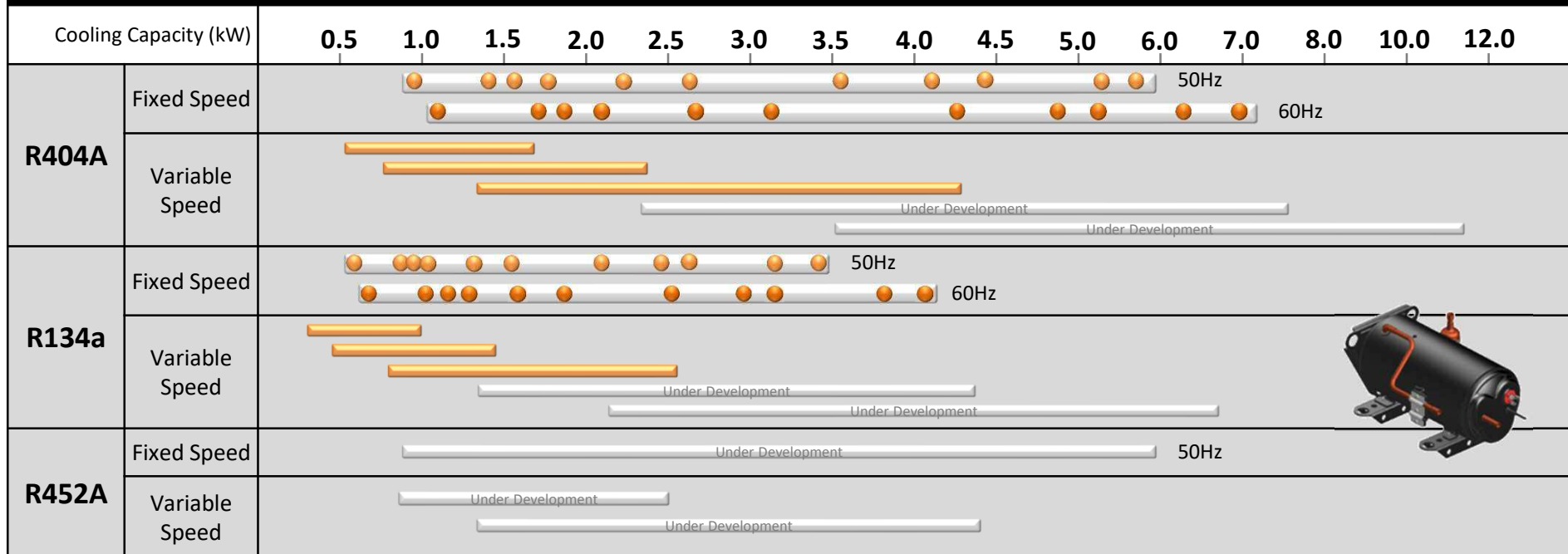


# PAPAMY Horizontal Compressor Line up

## Low Temp (LBP)

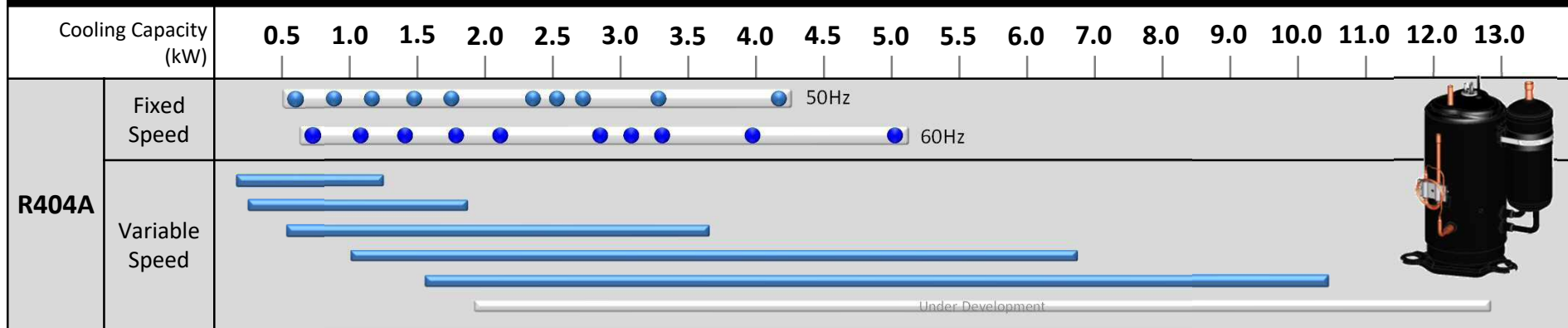


## Medium Temp (MBP)

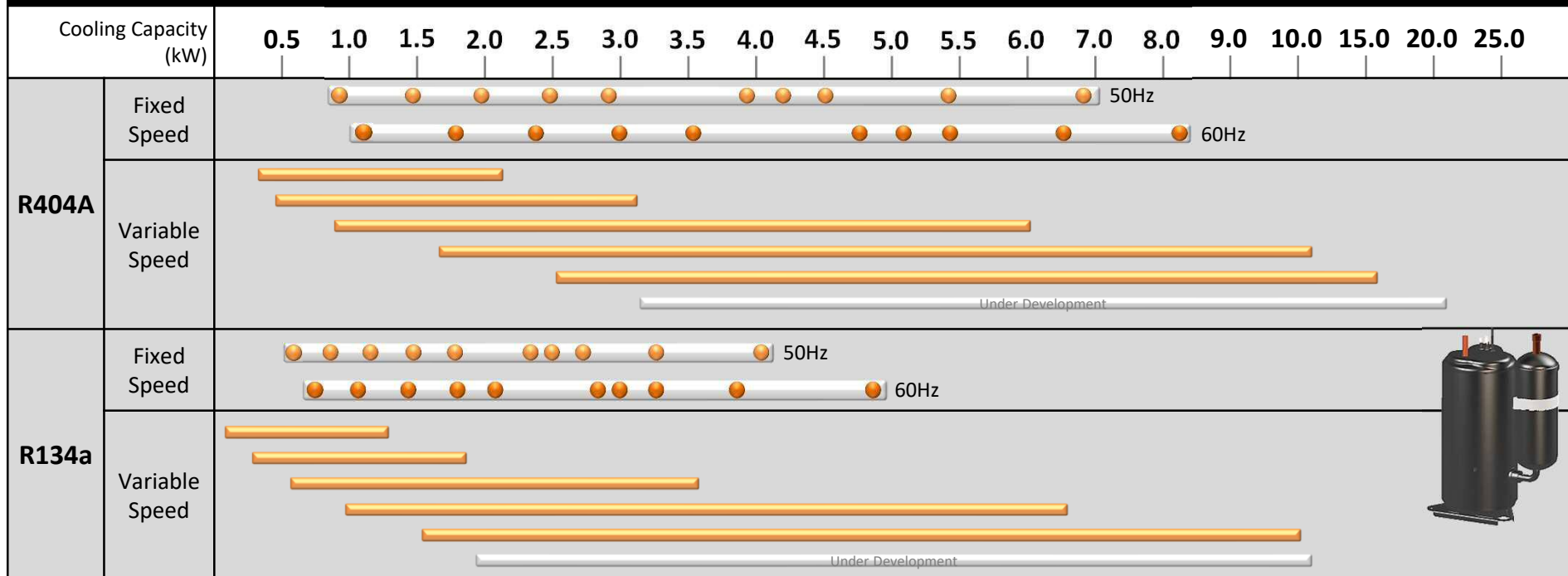


# PAPAMY Vertical Compressor Line up

## Low Temp (LBP)



## Medium Temp (MBP)



# Technology of Rotary Compressor

## Features



For illustration only

### Compact & Light weight

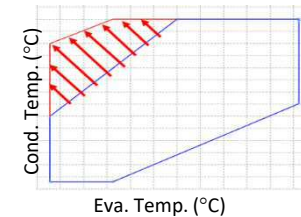
Low height & weight design ideal for self-contained showcase, transportation cooling & refrigeration.

### Low Vibration

Twin rotary compressor use balanced crankshaft ensure smooth operation

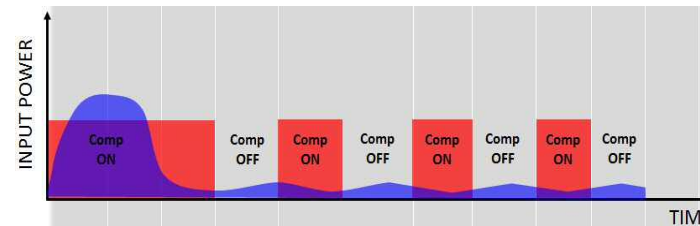
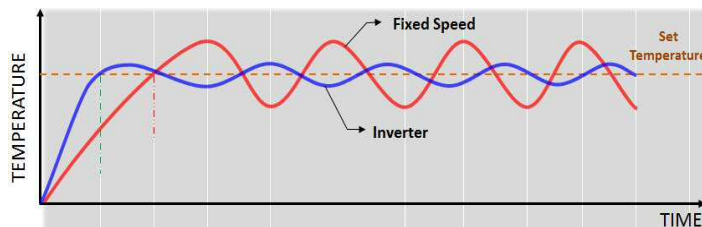
### Liquid Injection Technology

Wider operating envelope with evaporating temperature extend down to -45°C.



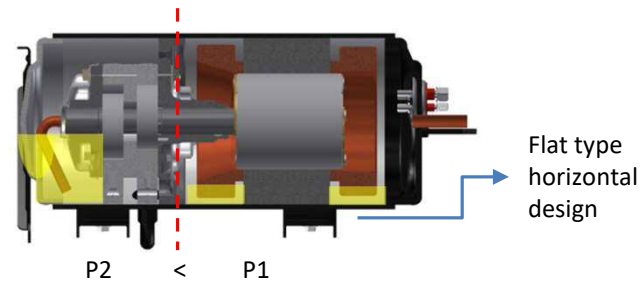
### DC Inverter Technology

Fine-tuned temperature control & lesser on-off operation ensure high energy saving for commercial refrigeration application



### High Reliability

High grade materials & pressurized oil distribution ensure sufficient lubrication on rotating parts.



### Double Protection

Designed with over-current\*1 (OLP) & over-temperature protection (thermostat) to prevent motor burnt

\*1 : For fixed speed compressor only; Over-current protection for variable speed compressor depend on inverter drive.

# Type of Application

## Commercial Business



Plug-in Refrigerator/Showcase



Remote/ split type Refrigerator to Showcase

## Transportation Business



Truck Refrigeration



Bus Air Conditioning

Truck Air Conditioning

# Horizontal Compressor Model List

## Low Temp (LBP)

### Fixed Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity (W)				Power Supply	Cooling Technology	Pipe Connection	Rating Condition
			R404A		R452A					
			50Hz	60Hz	50Hz	60Hz				
R	RSHL09***	9.2	560	705	570	1 phase , 220-240V , 50Hz 1 phase , 220V , 60Hz 3 phase , 200V , 50/60Hz	Liquid Injection	Brazing	Cond. Temp. 54.4°C Evap. Temp. -23.3°C Suction Temp 32.2°C Liquid Temp 32.2°C Ambient Temp 32.2°C Liquid Injection	
	RDHL13***	13.2	830	1,015	845					
K	KSHL15***	15.1	1,030	1,220	1,050					
	KSHL17***	17.0	1,175	1,425	1,200					
	KSHL21***	21.4	1,420	1,720	1,450					
	KSHL25***	25.2	1,670	2,020	1,750					
	KSHL34***	34.1	2,220	2,600	2,265					
J	JSHL36***	35.9	2,490	3,015	2,540					
	JSHL39***	38.6	2,675	3,240	2,730					
	JSHL46***	46.4	3,215	3,895	3,280					
	JDHL55***	55.0	3,540	4,285	3,610					

### Variable Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity (W)				Power Supply & Modulation range	Cooling Technology	Pipe Connection	Rating Condition
			R404A		R452A					
			60rps	Range	60rps	Range				
R	RSHL09X***	9.18	755	315 ~ 1,005		VDC 280 / 25-80rps VDC 520 / 25-80rps	Liquid Injection	Brazing	Cond. Temp. 54.4°C Evap. Temp. -23.3°C Suction Temp 32.2°C Liquid Temp 32.2°C Ambient Temp 32.2°C Liquid Injection	
	RDHL13X***	13.20	1,080	450 ~ 1,440						
K	KDHL24X***	24.00	2,015	840 ~ 2,685	2,055					855 ~ 2,740
	KDHL42X***	42.00	3,530	1,470 ~ 4,705	3,600					1,500 ~ 4,800
J	JDHL65X***	65.00	5,280	2,200 ~ 7,040						

\* Development of KDHL42X\*\*\* & JDHL65X\*\*\* under development

# Horizontal Compressor Model List

## Medium Temp (MBP)

### Fixed Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity (W)						Power Supply	Cooling Technology	Pipe Connection	Rating Condition
			R404A		R134a		R452A					
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz				
R	RSHB09***	9.2	960	1,130	570	675	Under Development	1 phase , 220-240V , 50Hz 1 phase , 220V , 60Hz 3 phase , 200V , 50/60Hz	Natural Air Cooling	Brazing	Cond. Temp. 54.4°C Evap. Temp. -6.7°C Suction Temp 35.0°C Liquid Temp 46.1°C Ambient Temp 35.0°C	
	RDHB13***	13.2	1,445	1,750	860	1,040						
K	KSHB15***	15.1	1,565	1,880	930	1,120						
	KSHB17***	17.0	1,910	2,310	1,135	1,375						
	KSHB21***	21.4	2,370	2,870	1,410	1,710						
	KSHB25***	25.2	2,780	3,365	1,595	1,825						
	KSHB34***	34.1	3,580	4,330	2,130	2,580						
J	JSHB36***	35.9	4,010	4,855	2,390	2,890						
	JSHB39***	38.6	4,310	5,220	2,565	3,110						
	JSHB46***	46.4	5,180	6,270	3,085	3,735						
	JDHB55***	55.0	5,720	6,925	3,405	4,125						

### Variable Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity (W)						Power Supply & Modulation range	Cooling Technology	Pipe Connection	Rating Condition
			R404A		R134a		R452A					
			60rps	Range	60rps	Range	60rps	Range				
R	RSHB09X***	9.18	1,260	525 ~ 1,680	750	315~1,000	Under Development	VDC 280 / 25-80rps VDC 520 / 25-80rps	Natural air cooling	Brazing	Cond. Temp. 54.4°C Evap. Temp. -6.7°C Suction Temp 35.0°C Liquid Temp 46.1°C Ambient Temp 35.0°C	
	RDHB13X***	13.20	1,795	750 ~ 2,395	1,070	445~1,425						
K	KDHB24X***	24.00	3,210	1,335 ~ 4,280	1,910	795~2,545						
	KDHB42X***	42.00	5,620	2,340 ~ 7,495	3,345	1,385~4,425						
J	JDHB65X***	65.00	8,540	3,560 ~ 11,385	5,085	2,120~6,780						

\* Development of KDHB42X\*\*\* & JDHB65X\*\*\* under development

# Vertical Compressor Model List

## Low Temp (LBP)

### Fixed Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity <b>R404A</b>		Power Supply	Cooling Technology	Pipe Connection	Rating Condition
			50Hz	60Hz				
R	RSVL09***	9.2	605	735	1 phase , 220-240V , 50Hz 1 phase , 220V , 60Hz 3 phase , 200V , 50/60Hz	Liquid Injection	Brazing	Cond. Temp. 54.4°C Evap. Temp. -23.3°C Suction Temp 32.2°C Liquid Temp 32.2°C Ambient Temp 32.2°C Liquid Injection
	RDVL13***	13.2	895	1,085				
K	KSVL17***	17.0	1,175	1,425				
	KSVL21***	21.4	1,480	1,790				
	KSVL25***	25.2	1,745	2,115				
	KSVL34***	34.1	2,355	2,850				
J	JSVL36***	35.9	2,535	3,070				
	JSVL39***	38.6	2,730	3,300				
	JSVL46***	46.4	3,280	3,970				
	JDVL55***	55.0	4,155	5,030				

### Variable Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity <b>R404A</b>		Power Supply & Modulation range	Cooling Technology	Pipe Connection	Rating Condition
			60rps	Range				
R	RSVL09X***	9.18	765	190~ 1,275	VDC 280 / 15-100rps VDC 520 / 15-100rps	Liquid Injection	Brazing	Cond. Temp. 54.4°C Evap. Temp. -23.3°C Suction Temp 32.2°C Liquid Temp 32.2°C Ambient Temp 32.2°C Liquid Injection
	RDVL13X***	13.20	1,130	282 ~ 1,880				
K	KDVL24X***	24.00	2,185	545 ~ 3,640				
J	JDVL42X***	42.40	4,045	1,010 ~ 6,740				
	JDVL65X***	65.00	6,250	1,565 ~ 10,415				
	JDVL80X***	80.00	7,690	1,920 ~ 12,815				

\* Development of JDVL80X\*\*\* based on upon request.

# Vertical Compressor Model List

## Medium Temp (MBP)

### Fixed Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity (W)				Power Supply	Cooling Technology	Pipe Connection	Rating Condition
			R404A		R134a					
			50Hz	60Hz	50Hz	60Hz				
R	RSVL09***	9.2	995	1190	595	710	1 phase , 220-240V , 50Hz 1 phase , 220V , 60Hz 3 phase , 200V , 50/60Hz	Natural Air Cooling	Brazing	Cond. Temp. 54.4°C Evap. Temp. -6.7°C Suction Temp 35.0°C Liquid Temp 46.1°C Ambient Temp 35.0°C
	RDVB13***	13.2	1,475	1,785	880	1,065				
K	KSVB17***	17.0	1,965	2,380	1,170	1,415				
	KSVB21***	21.4	2,470	2,990	1,470	1,780				
	KSVB25***	25.2	2,915	3,530	1,735	2,100				
	KSVB34***	34.1	3,945	4,775	2,350	2,845				
J	JSVB36***	35.9	4,190	5,070	2,495	3,020				
	JSVB39***	38.6	4,505	5,450	2,680	3,245				
	JSVB46***	46.4	5,410	6,550	3,220	3,900				
	JDVB55***	55.0	6,835	8,275	4,070	4,930				

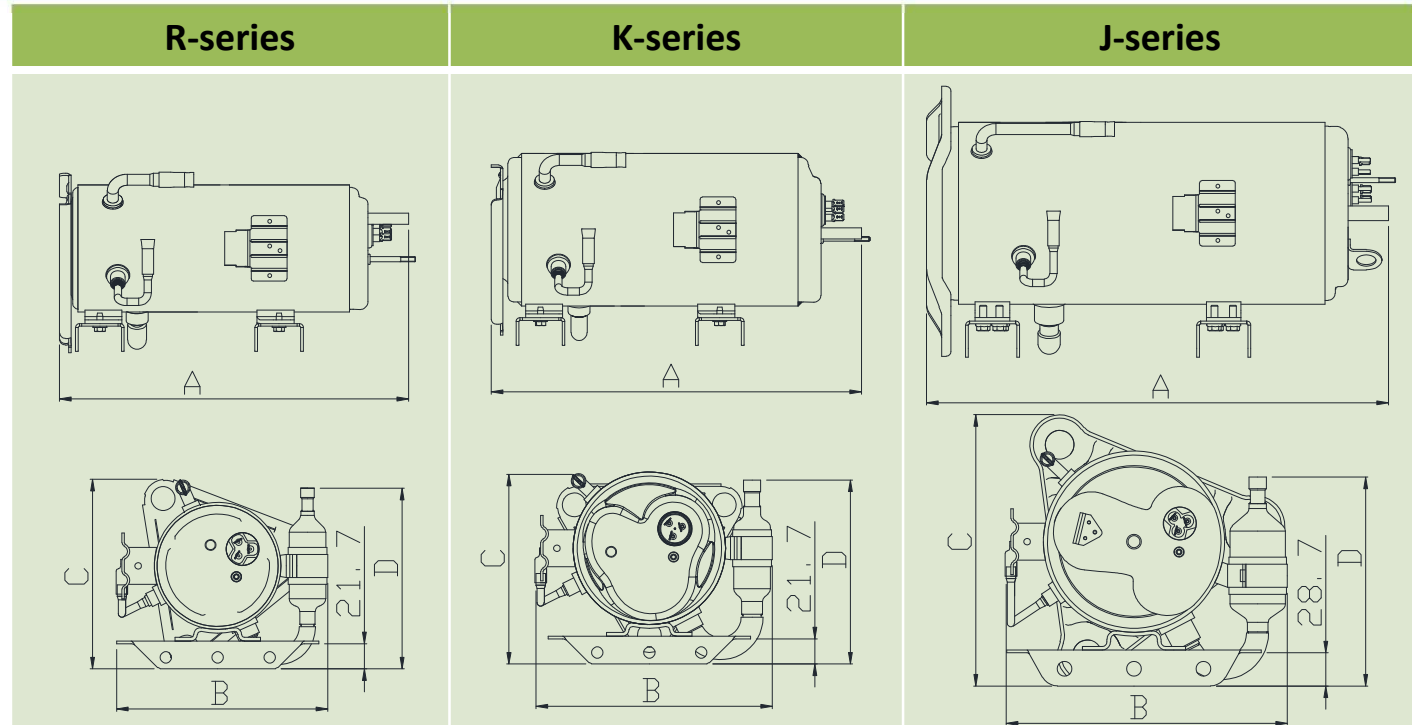
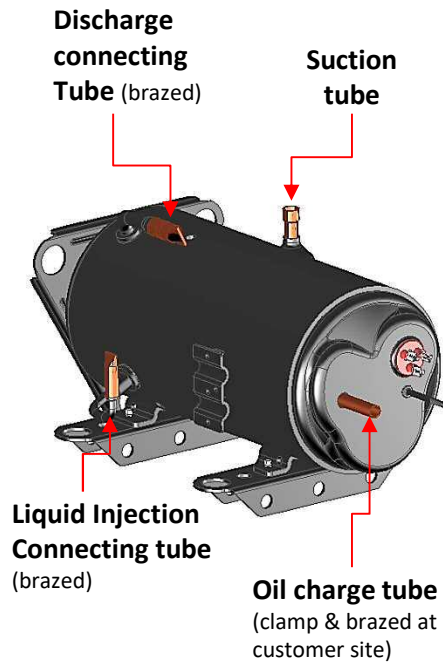
### Variable Speed

Series	Model	Displacement cm <sup>3</sup> /rev	Nominal Cooling Capacity (W)				Power Supply & Modulation range	Cooling Technology	Pipe Connection	Rating Condition
			R404A		R134a					
			60rps	Range						
R	RSVB09X***	9.18	1,275	320 ~ 2,125	760	190~1,265	VDC 280 / 15-100rps VDC 520 / 15-100rps	Natural Air Cooling	Brazing	Cond. Temp. 54.4°C Evap. Temp. -6.7°C Suction Temp 35.0°C Liquid Temp 46.1°C Ambient Temp 35.0°C
	RDVB13X***	13.20	1,865	465 ~ 3,110	1,110	280~1,850				
K	KDVB24X***	24.00	3,605	900 ~ 6,010	2,145	535~3,575				
J	JDVB42X***	42.40	6,655	1,665 ~ 11,090	3,965	990~6,610				
	JDVB65X***	65.00	10,165	2,540 ~ 16,940	6,055	1,515~10,090				
	JDVB80X***	80.00	12,510	3,130 ~ 20,850	7,450	1,865~12,415				

\* Development of JDVB80X\*\*\* based on upon request.



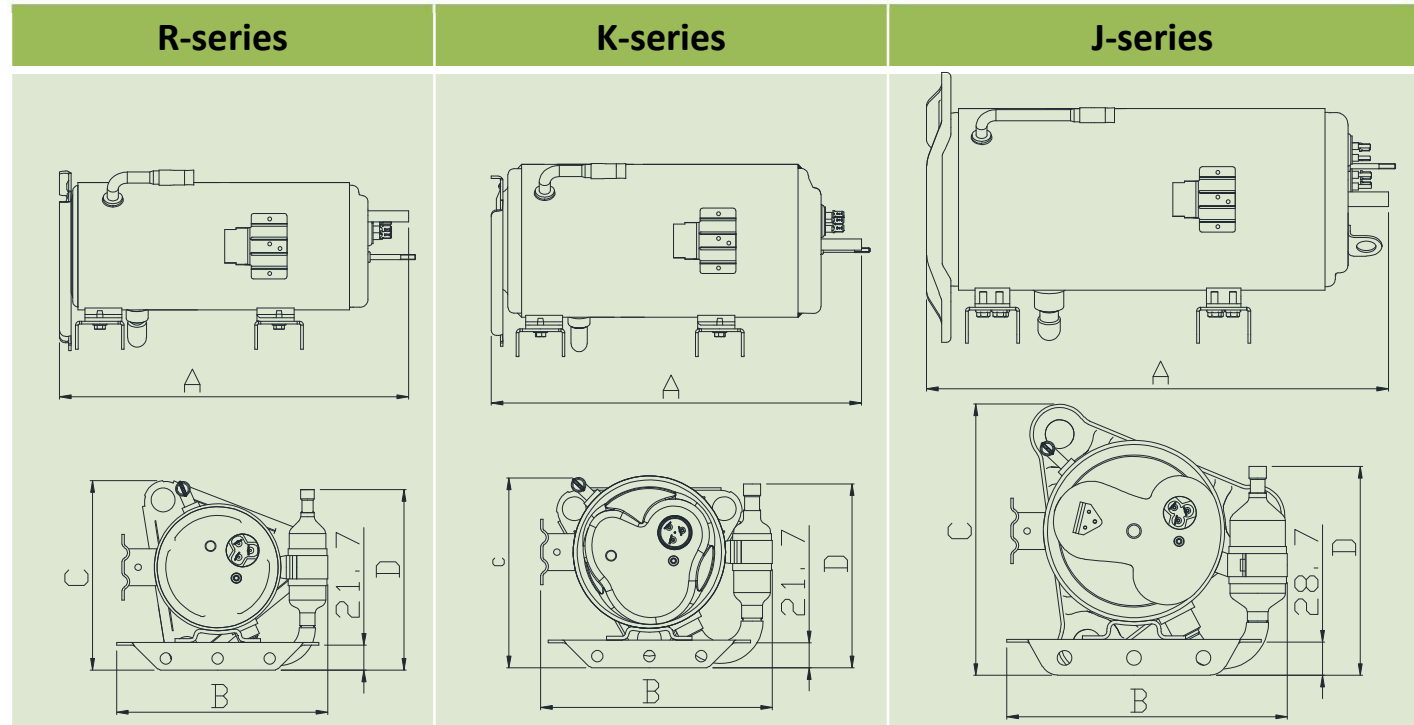
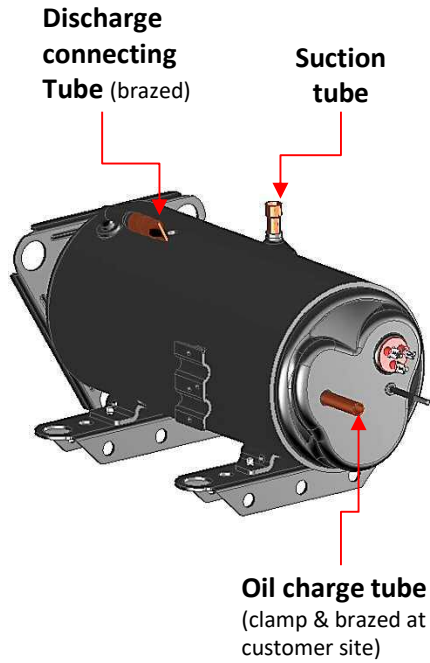
# Compressor Outline <LBP Comp>



Series	Model	Dimension (mm)			
		A	B	C	D
R	RSHL09***	302	183	164	156
	RSHL09X***				
	RDHL13***	317			
	RDHL13X***				
K	KSHL17***, KSHL21***, KSHL25***	344			
	KSHL34***	368			
	KDHL24X***	339			
	KDHL42X***	363			
J	JSHL36***, JSHL39***	389	244	234	181
	JSHL46***	396			
	JDHL55***	422			
	JDHL65X***	435			

\* Presented are preliminary outline for reference; Kindly consult to our Sales office for other outline requirements.

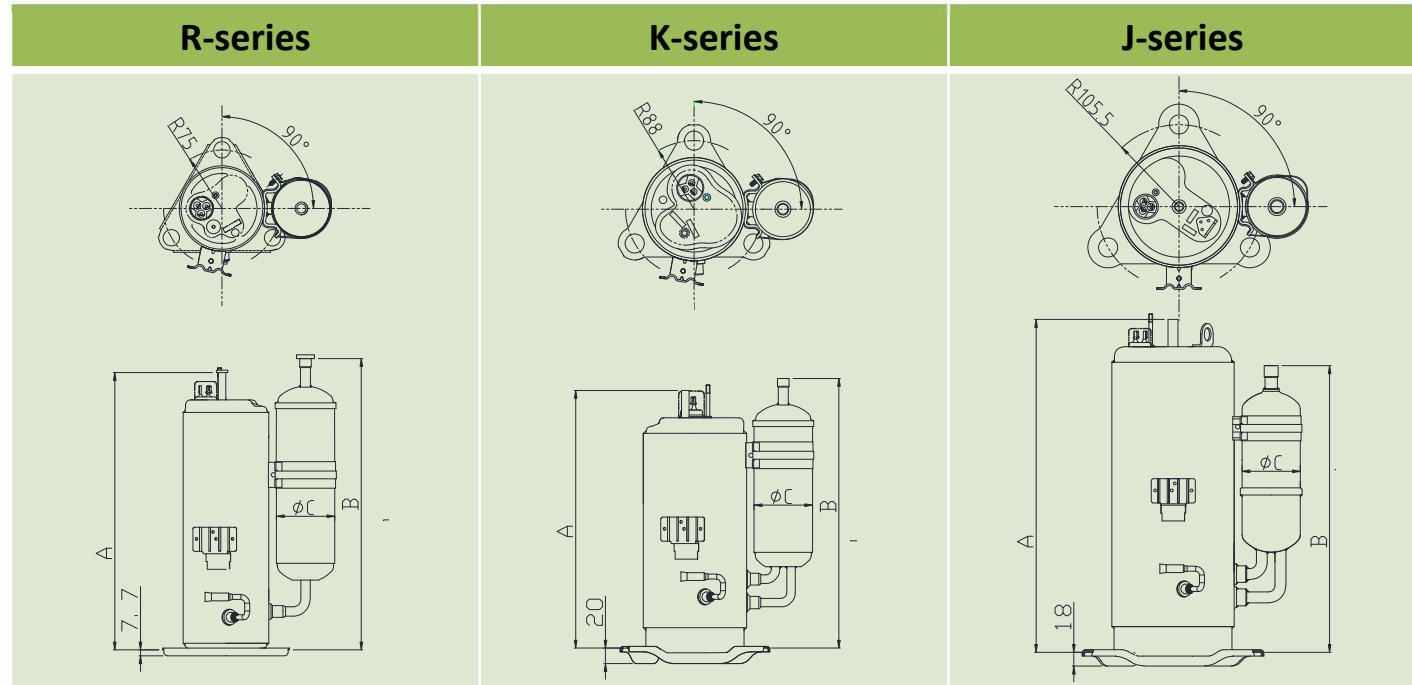
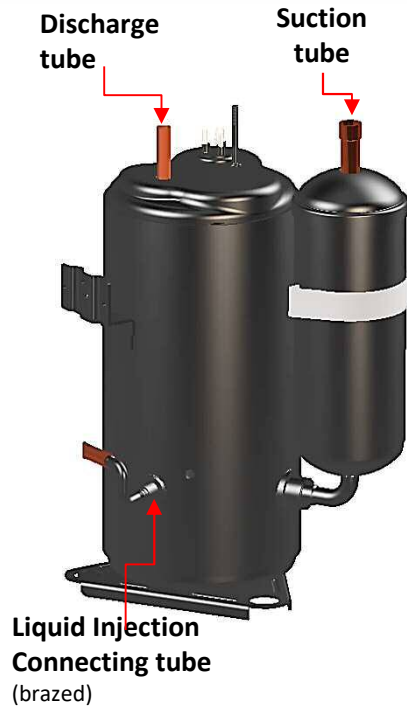
# Compressor Outline <MBP Comp>



Series	Model	Dimension (mm)			
		A	B	C	D
R	RSHB09***	302	183	164	156
	RSHB09X***				
	RDHB13***	317			
	RDHB13X***				
K	KSHB17***, KSHB21***, KSHB25***	344			
	KSHB34***	368			
	KDHB24X***	339			
	KDHB42X***	363			
J	JSHB36***, JSHB39***	389	243	234	181
	JSHB46***	396			
	JDHB55***	422			
	JDHB65X***	435			

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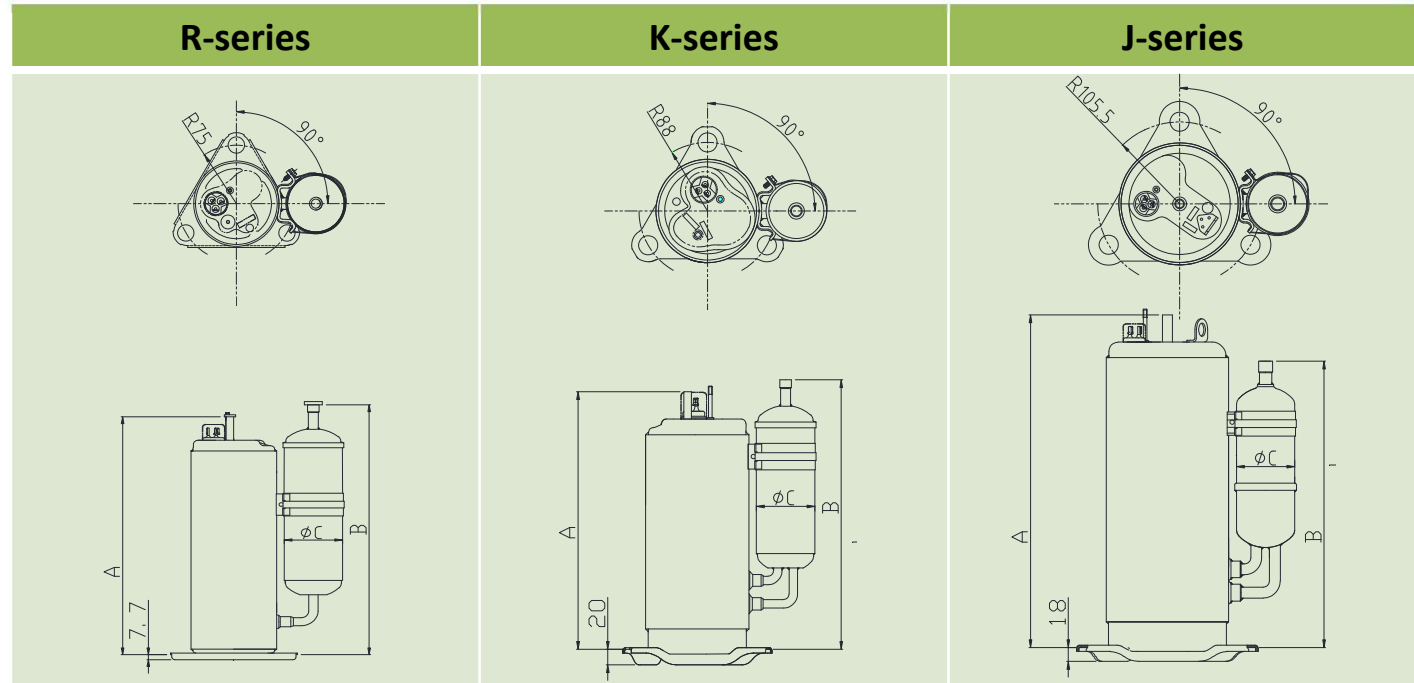
# Compressor Outline <LBP Comp>



Series	Model	Dimension (mm)		
		A	B	C
R	RSVL09***	255	188	31.7
	RSVL09X***	216	188	31.7
	RDVL13***	277	246	54.4
	RDVL13X***	263	246	54.4
K	KSVL17***, KSVL21***	324	245	54.4
	KSVL25***	324	291	75
	KSVL34***	331	295	75
	KDVL24X***	329	299	75
J	JSVL36***, JSVL39***	345	304, 343	75
	JSVL46***	384	370	75
	JDVL42X***	453	369	75
	JDVL55***	453	408	89.1
	JDVL65X***	453	416	89.1
	JDVL80X***	468	452	89.1

\* Presented are preliminary outline for reference; Kindly consult to our Sales office for other outline requirements.

# Compressor Outline <MBP Comp>



Series	Model	Dimension (mm)		
		A	B	C
R	RSVB09***	255	188	31.7
	RSVB09X***	216	188	31.7
	RDVB13***	277	246	54.4
	RDVB13X***	263	246	54.4
K	KSVB17***, KSVB21***	324	245	54.4
	KSVB25***	324	291	75
	KSVB34***	331	295	75
	KDVB24X***	329	299	75
J	JSVB36***, JSVB39***	345	304, 343	75
	JSVB46***	384	370	75
	JDVB42X***	453	369	75
	JDVB55***	453	408	89.1
	JDVB65X***	453	416	89.1
	JDVB80X***	468	452	89.1

\* Presented are preliminary outline for reference; Kindly consult to our Sales office for other outline requirements.

# Model Coding

