

## 涡旋压缩机选型指南

### Scroll Compressor Selection Guide

# 英华特 涡旋压缩机

## InvoTech Scroll Compressor



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## YH/YSH 空调冷水机应用 For A/C and Chiller Application

3P/380V/50Hz  
E.T.7.2°C/C.T.54.4°C

制冷剂 Refri.	型号 Model	功率 Power HP	排量 Displ. (m³/h)	制冷量 Capacity (W)	输入功率 Power Input (W)	能效比 COP (W/W)	选型参考 CROSS REFERENCE			
							Copeland	Danfoss	Sanyo	Daikin
R22	YH69A1-100	2	6.7	6800	2140	3.18	ZR28K3-TFD-522	HRM032U4		
	YH89A1-100	3	8.6	8900	2650	3.35	ZR36K3-TFD-522	HRM038U4	C-SB263H8B	JT90BC-Y1
	YH104A1-100	3.5	10.3	10600	3160	3.35	ZR42K3-TFD-522	HRM042U4	C-SB263H8A	JT95BC-Y1L
	YH119A1-100	4	11.5	11900	3520	3.38	ZR48K3-TFD-522	HRM048U4	C-SB303H8A	JT125BC-Y1L
	YH128A1-100	4.3	12.4	12800	3710	3.45	ZR52K3-TFD-522	HRM051U4	C-SBX150H38A	
	YH133A1-100	4.5	12.9	13300	3860	3.45	ZR54K3-TFD-522	HRM054U4	C-SBX165H38A	JT140BCBY1L
	YH140A1-100	4.7	13.5	14000	4090	3.42	ZR57K3-TFD-522	HRM058U4	C-SBX180H38A	
	YH150A1-100	5	14.5	15000	4370	3.42	ZR61K3-TFD-522	HRM060U4	C-SB373H8A	JT150BCBY1L
	YH175A1-100	6	16.9	17200	4980	3.45	ZR72K3-TFD-522	HLM072T4	C-SB453H8A	
	YH200A1-100	7	18.7	20000	5880	3.40	ZR81K3-TFD-522	HLM081T4	C-SBR235H8A	JT212D-Y1L
	YH230A1-100	8	21.4	23100	6700	3.45	ZR94K3-TFD-522	HCM094T4	C-SC583H8H	JT236D-Y1L
	YH266A1-100	9	24.7	26600	7700	3.45	ZR108K3-TFD-522	HCM109T4	C-SC673H8H	JT265D-Y1L
	YH307A1-100	10	29.1	30700	8820	3.48	ZR125K3-TFD-522	HCM120T4	C-SC753H8H	JT300D-Y1L
	YH355A1-100	12	32.9	35500	10140	3.50	ZR144K3-TFD-522	SM147-4	C-SC863H8H	JT335D-Y1L
	YSH400A1G-100	13	37.7	39500	11618	3.40	ZR160K3-TFD-522	SM161-4		
YSH450A1G-100	15	42.5	43600	13015	3.35	ZR190K3-TFD-522	SM185-4			
R407C	YH69T1-100	2	6.7	6530	2160	3.02	ZR28K3E-TFD-522			
	YH89T1-100	3	8.6	8540	2680	3.19	ZR36K3E-TFD-522	HRP038T4	C-SBN263H8A	JT90GBBY1L
	YH104T1-100	3.5	10.3	10180	3190	3.19	ZR42K3E-TFD-522	HRP042T4	C-SBN303H8A	JT95GBBY1L
	YH119T1-100	4	11.5	11420	3550	3.22	ZR48K3E-TFD-522	HRP048T4		JT125GBBY1L
	YH128T1-100	4.3	12.4	12290	3750	3.28	ZR52K3E-TFD-522	HRP051T4		
	YH133T1-100	4.5	12.9	12770	3900	3.27	ZR54K3E-TFD-522	HRP054T4	C-SBN353H8A	
	YH140T1-100	4.7	13.5	13440	4130	3.25	ZR57K3E-TFD-522	HRP058T4	C-SBN373H8A	
	YH150T1-100	5	14.5	14400	4410	3.27	ZR61K3E-TFD-522	HRP060T4	C-SB453H8A	JT160GBBY1L
	YH175T1-100	6	16.9	16510	5030	3.28	ZR72K3E-TFD-522	HLP072T4	C-SBS235H38HA	
	YH200T1-100	7	18.7	19200	5950	3.23	ZR81K3E-TFD-522	HLP081T4	C-SCN583H8H	JT212DA-Y1
	YH230T1-100	8	21.4	22180	6770	3.28	ZR94K3E-TFD-522	HLP094T4	C-SCN583H8H	JT265DA-Y1
	YH266T1-100	9	24.7	25530	7780	3.28	ZR108K3E-TFD-522	HLP109T4	C-SCN673H8H	JT300DA-Y1
	YH307T1-100	10	29.1	29470	8910	3.31	ZR125K3E-TFD-522	HLP120T4	C-SCN753H8H	JT300DA-Y1L
	YH355T1-100	12	32.9	34080	10240	3.33	ZR144K3E-TFD-522	SZ147-4		JT335DA-Y1L
	YSH400T1G-100	13	37.7	37920	11734	3.23	ZR160K3E-TFD-522	SZ161-4		
YSH450T1G-100	15	42.5	41856	13145	3.18	ZR190K3E-TFD-522	SZ185-4			
R410A	YH95C1-100	3.5	6.7	9500	3170	3.00	ZP39K5E-TFD-522	HRH040U4	C-SBP120H38A	
	YH119C1-100	4	8	11900	3888	3.06	ZP49K5E-TFD-522	HRH049U4	C-SBP140H38A	JT125G-P4Y1
	YH128C1-100	4.3	8.6	12800	4183	3.06	ZP54K5E-TFD-522	HRH054U4	C-SBP160H38A	JT140G-P4Y1
	YH150C1-100	5	10.3	15000	4854	3.09	ZP61K3E-TFD-522	HLH061U4	C-SBP170H38A	JT160G-P4Y1
	YH175C1-100	6	11.5	17300	5545	3.12	ZP72K3E-TFD-522	HLJ072T4	C-SBP205H38A	
	YH183C1-100	6.5	12.4	18300	5810	3.15	ZP76K3E-TFD-522	HLJ075T4		
	YH230C1-100	8	15.8	23000	7210	3.19			C-SCP270H38A	
	YH266C1-100	9	17.4	26600	8340	3.19	ZP104K3E-TFD-522	HLJ105T4	C-SCP315H38A	
	YH292C1-100	10	18.7	29200	9070	3.22	ZP120K3E-TFD-522	HLJ120T4	C-SCP360H38A	
	YH325C1-100	11	21.4	32500	10100	3.22	ZP137K3E-TFD-522		C-SCP400H38A	
	YH355C1-100	12	22.9	34800	10800	3.22	ZP144K3E-TFD-522			
	YSH400C1G-100	13	25.3	39500	12540	3.15		SH161A4L	C-SCP435H38B	
	YSH450C1G-100	15	29.1	44500	14127	3.15	ZP182K3E-TFD-522	SH184A4L	C-SCP510H38B	

## YM/YSM 中温冷藏应用 For Mid. Temp. Application

3P/380V/50Hz  
E.T.-6.7°C/C.T.48.9°C

制冷剂 Refri.	型号 Model	功率 Power HP	排量 Displ. (m³/h)	制冷量 Capacity (W)	输入功率 Power Input (W)	能效比 COP (W/W)	选型参考 CROSS REFERENCE			
							Copeland	Danfoss	Maneurop	Bitzer
R22	YM34A1G-100	2	5.8	3600	1800	2.00	ZB15KC-TFD TFP	MLZ015T4L	MTZ022-4	2HC-2.2
	YM43A1G-100	2.5	7.3	4300	2030	2.12	ZB19KC-TFD TFP	MLZ019T4L	MTZ028-4	
	YM49A1G-100	3	8.1	4900	2250	2.18	ZB21KC-TFD TFP	MLZ021T4L	MTZ032-4	2FC-3.2
	YM70A1G-100	4	11.8	7000	3120	2.25	ZB29KC-TFD TFP	MLZ030T4L	MTZ040-4	2DC-3.2
	YM86A1G-100	5	14.5	8600	3740	2.30	ZB38KC-TFD TFP	MLZ038T4L	MTZ056-4	2CC-4.2
	YM102A1G-100	6	17.1	10200	4430	2.30	ZB45KC-TFD TFP	MLZ045T4L	MTZ064-4	4EC-6.2
	YM125A1G-00	7	20.1	12500	5430	2.30	ZB50KC-TFD TFP	MLZ048T4L	MTZ072-4	4EC-6.2
	YM132A1G-100	8	21.4	13200	5690	2.32	ZB58KC-TFD TFP	MLZ058T4L	MTZ080-4	4DC-7.2
	YM158A1G-100	9	25.3	16219	6991	2.32	ZB66KC-TFD TFP	MLZ066T4L	MTZ100-4	4CC-9.2
	YM182A1G-100	10	29.1	18200	7745	2.35	ZB76KC-TFD TFP	MLZ076T4L		4VCS-10.2
	YM200A1G-100	12	32.9	20000	8510	2.35	ZB88KC-TFD TFP		MTZ125-4	4VCS-10.2
	YM210A1G-100	13	34.3	21000	8860	2.37	ZB95KC-TFD TFP			
	YSM235A1G-100	14	37.7	23500	10450	2.25			MTZ144-4	4TCS-12.2
	YSM260A1G-100	15	42.5	26000	11560	2.25	ZB114KC-TFD TFP	MLZ116T4L	MTZ160-4	4PCS-15.2
	R404A	YM34E1G-100	2	5.8	3560	2034	1.75	ZB15KCE-TFD TFP	MLZ015T4L	MTZ022-4
YM43E1G-100		2.5	7.3	4250	2297	1.85	ZB19KCE-TFD TFP	MLZ019T4L	MTZ028-4	2GC-2.2Y
YM49E1G-100		3	8.1	4840	2547	1.90	ZB21KCE-TFD TFP	MLZ021T4L	MTZ032-4	2FC-3.2Y
YM70E1G-100		4	11.8	6920	3530	1.96	ZB29KCE-TFD TFP	MLZ030T4L	MTZ040-4	2DC-3.2Y
YM86E1G-100		5	14.5	8500	4250	2.00	ZB38KCE-TFD TFP	MLZ038T4L	MTZ056-4	2CC-4.2Y
YM102E1G-100		6	17.1	10100	5050	2.00	ZB45KCE-TFD TFP	MLZ045T4L	MTZ064-4	4FC-5.2Y
YM125E1G-100		7	20.1	12240	6120	2.00	ZB50KCE-TFD TFP	MLZ048T4L	MTZ072-4	4EC-6.2Y
YM132E1G-100		8	21.4	12893	6447	2.00	ZB58KCE-TFD TFP	MLZ058T4L	MTZ080-4	4DC-7.2Y
YM158E1G-100		9	25.3	15842	7921	2.00	ZB66KCE-TFD TFP	MLZ066T4L	MTZ100-4	4CC-9.2Y
YM182E1G-100		10	29.1	17856	8928	2.00	ZB76KCE-TFD TFP	MLZ076T4L		4VCS-10.2Y
YM200E1G-100		12	32.9	19536	9671	2.02	ZB88KCE-TFD TFP		MTZ125-4	
YM210E1G-100		13	34.3	20544	10170	2.02	ZB95KCE-TFD TFP			4TCS-12.2Y
YSM235E1G-100		14	37.7	23218	11900	1.95			MTZ144-4	4TCS-12.2Y
YSM260E1G-100		15	42.5	25688	13150	1.95	ZB114KCE-TFD TFP	MLZ116T4L	MTZ160-4	4PCS-15.2Y

## YF/YSF 低温冷冻应用 For Lower Temp. Application

3P/380V/50Hz  
E.T.-31.6°C/C.T.40.6°C

制冷剂 Refri.	型号 Model	功率 Power HP	排量 Displ. (m³/h)	制冷量 Capacity (W)	输入功率 Power Input (W)	能效比 COP (W/W)	选型参考 CROSS REFERENCE				
							Copeland	Danfoss	Maneurop	Bitzer	
R22	YF13A1G-Q100	2	5.8	1300	1160	1.12	ZF06KC-TFD TFP			2GES-2-40S	
	YF17A1G-Q100	2.5	7.3	1660	1470	1.13	ZF08KC-TFD TFP			2FES-2-40S	
	YF20A1G-Q100	3	8.1	1950	1710	1.14	ZF09KC-TFD TFP			2EES-2-40S	
	YF29A1G-Q100	4	11.8	2950	2360	1.25	ZF11KC-TFD TFP			4FES-3-40S	
	YF35A1G-Q100	5	14.5	3500	2710	1.29	ZF15KC-TFD TFP			4EES-4-40S	
	YF41A1G-Q100	6	17.1	4100	3150	1.30	ZF18KC-TFD TFP			4DES-5-40S	
	YSF60A1G-V100	7	20.1	6000	4170	1.44	QF115			4VES-7-40P	
	YSF65A1G-V100	8	21.4	6400	4450	1.44	QF125				
	YSF75A1G-V100	9	25.3	7400	5070	1.46	QF145			4TES-9-40P	
	YSF85A1G-V100	10	29.1	8480	5800	1.46	QF175			4PES-12-40P	
	YSF90A1G-V100	12	32.9	9500	6420	1.48	QF185			4NES-14-40P	
	YSF100A1G-V100	13	34.3	10000	6760	1.48	QF205			4JES-15-40P	
	YSF125A1G-V100	15	42.4	12200	8714	1.40				4HE-18-40P	
	R404A	YF13E1G-Q100	2	5.8	1386	1237	1.12	ZF06KCE-TFD TFP		NTZ048 LTZ22	2GES-2Y-40S
		YF17E1G-Q100	2.5	7.3	1770	1567	1.13	ZF08KCE-TFD TFP		NTZ068 LTZ28	2FES-2Y-40S
YF20E1G-Q100		3	8.1	2079	1823	1.14	ZF09KCE-TFD TFP	LLZ013T4	NTZ096 LTZ40	2EES-2Y-40S	
YF29E1G-Q100		4	11.8	3145	2516	1.25	ZF11KCE-TFD TFP	LLZ015T4	NTZ108 LTZ44	2DES-2Y-40S	
YF35E1G-Q100		5	14.5	3731	2889	1.29	ZF15KCE-TFD TFP		NTZ136 LTZ50	2CES-3Y-40S	
YF41E1G-Q100		6	17.1	4371	3358	1.30	ZF18KCE-TFD TFP	LLZ018T4		4FES-3Y-40S	
YSF60E1G-V100		7	20.1	6910	4369	1.58	QF115			4CES-6Y-40S	
YSF65E1G-V100		8	21.4	7360	4660	1.58	QF125			4TES-9Y-40P	
YSF75E1G-V100		9	25.3	8704	5440	1.60	QF145			4PES-12Y-40P	
YSF85E1G-V100		10	29.1	10010	6256	1.60	QF175			4NES-14Y-40P	
YSF90E1G-V100		12	32.9	11320	6988	1.62	QF185				
YSF100E1G-V100		13	34.3	11800	7284	1.62	QF205			4JE-15Y-40P	
YSF125E1G-V100		15	42.4	13500	9507	1.42				4HE-18Y-40P	