

Scroll Compressor Selection Guide

A collage of various food items including salads, vegetables, fruits, and a dessert, arranged on a light wooden surface. A large purple rectangle is overlaid on the center of the collage, containing the text "InvoTech Scroll Compressor".

InvoTech Scroll Compressor

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Due to the continuing progress of evolvement, all information in this brochure is subject to change without notification.

Version: 2023.11



Our Vision

Becoming the leading provider of
advanced climate and energy solutions,
and creating an energy-saving
and eco-friendly environment.

YH

For A/C and Chiller

3P/380-420V/50HZ
ET 7.2°C/CT 54.4°C/RG 18.3°C/Sub Cooling 8.3K

Refri.	Model	Nominal HP	Displ. (cc/rev)	Capacity (W)	Power Input (W)	CROSS REFERENCE			
						Copeland	Danfoss	Sanyo	Daikin
R407C	YH69T1-100	2	38.5	6530	2160	ZR28K3E-TFD-522			
	YH89T1-100	3	49.4	8540	2680	ZR36K3E-TFD-522	HRP038T4	C-SBN263H8A	JT90GBBY1L
	YH104T1-100	3.5	59.2	10180	3190	ZR42K3E-TFD-522	HRP042T4	C-SBN303H8A	JT95GBBY1L
	YH119T1-100	4	66.1	11420	3550	ZR48K3E-TFD-522	HRP048T4		JT125GBBY1L
	YH128T1-100	4.3	71.3	12290	3750	ZR52K3E-TFD-522	HRP051T4		
	YH133T1-100	4.5	74.1	12770	3900	ZR54K3E-TFD-522	HRP054T4	C-SBN353H8A	
	YH140T1-100	4.7	77.6	13440	4130	ZR57K3E-TFD-522	HRP058T4	C-SBN373H8A	
	YH150T1-100	5	83.3	14400	4410	ZR61KCE-TFD-522	HRP060T4	C-SB453H8A	JT160GBBY1L
	YH175T1-100	6	97.1	16510	5030	ZR72KCE-TFD-522	HLP072T4	C-SB5235H38HA	
	YH200T1-100	7	108.0	19200	5950	ZR81KCE-TFD-522	HLP081T4	C-SCN583H8H	JT212DA-Y1
	YH230T1-100	8	123.0	22180	6770	ZR94KCE-TFD-522	HLP094T4	C-SCN583H8H	JT265DA-Y1
	YH266T1-100	9	142.0	25530	7780	ZR108KCE-TFD-522	HLP109T4	C-SCN673H8H	JT300DA-Y1
	YH307T1-100	10	167.2	29470	8910	ZR125KCE-TFD-522	HLP120T4	C-SCN753H8H	JT300DA-Y1L
	YH355T1-100	12	189.1	34080	10240	ZR144KCE-TFD-522	SZ147-4	C-SCN903H8H	JT335DA-Y1L
	YH400T1-105	13	210.0	39100	12100	ZR160KCE-TFD-522	SZ161-4		
R410A	YH450T1-100	15	246.0	42220	13156	ZR190KCE-TFD-522	SZ185-4		
	YH610T1G-100	20	332.6	58033	17444	ZR250KCE-TWD	SY240-4		
	YH720T1G-100	25	392.0	68356	20547	ZR310KCE-TWD	SY300-4		
	YH95C1-100	3.5	38.5	9500	3170	ZP39K5E-TFD-522	HRH040U4	C-SBP120H38A	
	YH119C1-100	4	46.0	11900	3888	ZP49K5E-TFD-522	HRH049U4	C-SBP140H38A	JT125G-P4Y1
	YH128C1-100	4.3	49.4	12800	4183	ZP54K5E-TFD-522	HRH054U4	C-SBP160H38A	JT140G-P4Y1
	YH150C1-100	5	59.2	15000	4854	ZP61KCE-TFD-522	HLH061U4	C-SBP170H38A	JT160G-P4Y1
	YH175C1-100	6	66.1	17300	5545	ZP72KCE-TFD-522	HLJ072T4	C-SBP205H38A	
	YH183C1-100	6.5	71.3	18300	5810	ZP76KCE-TFD-522	HLJ075T4		
	YH200C1-100	7	74.1	19600	6200	ZP83KCE-TFD	HLJ083T4		
	YH230C1-100	8	90.8	23000	7210	ZP91KCE-TFD	SH090-4	C-SCP270H38A	
	YH266C1-100	9	100.0	26600	8340	ZP104KCE-TFD-522	HLJ105T4	C-SCP315H38A	
	YH292C1-100	10	107.5	29200	9070	ZP120KCE-TFD-522	HLJ120T4	C-SCP360H38A	
	YH325C1-100	11	123.0	32500	10100	ZP137KCE-TFD-522		C-SCP400H38A	
	YH355C1-100	12	131.6	34800	10800	ZP144KCE-TFD-522	SH140-4	C-SCP435H38B	
	YH400C1-105	13	142.6	39250	12258	ZP154KCE-TFD	SH161-4		
	YH450C1-105	15	167.2	45044	13759	ZP182KCE-TFD-522	SH184-4	C-SCP510H38B	
	YH610C1G-100	20	235.6	61900	18620	ZP235KCE-TWD	SH240-4	5CF2275A01	
	YH720C1G-100	25	269.0	71200	21254	ZP295KCE-TWD	SH295-4	5CF2775A01	
	YH880C1G-100	30	332.8	88000	26800	ZP385KCE-TWD	SH380-4		



YM

For Medium Temp. Refrigeration

3P/380-420V/50HZ
ET -6.7°C/CT 48.9°C/RG 4.4°C/No Subcooling

Application	Model	Nominal HP	Displ. (cc/rev)	Cooling Capacity (W)	Power Input (W)	CROSS REFERENCE			
						Copeland	Danfoss	Maneurop	Bitzer
R404A R448A R449A	YM34E1G-100	2	33.3	3560	2034	ZB15KCE-TFD	MLZ015T4	MTZ022-4	2HES-2Y-40S
	YM43E1G-100	2.5	42.0	4250	2297	ZB19KCE-TFD	MLZ019T4	MTZ032-4	2GES-2Y-40S
	YM49E1G-100	3	46.6	4840	2547	ZB21KCE-TFD	MLZ021T4	MTZ036-4	2FES-3Y-40S
	YM60E1G-100	3.5	58.0	6100	3220	ZB26KCE-TFD	MLZ026T4	MTZ040-4	2EES-3Y-40S
	YM70E1G-100	4	67.8	6920	3530	ZB29KCE-TFD	MLZ030T4	MTZ050-4	2DES-3Y-40S
	YM86E1G-100	5	83.3	8500	4250	ZB38KCE-TFD	MLZ038T4	MTZ064-4	2CES-4Y-40S
	YM102E1G-100	6	98.3	10100	5050	ZB45KCE-TFD	MLZ045T4	MTZ072-4	4FES-5Y-40S
	YM115E1G-100	7	108.0	11328	5100	ZB48KCE-TFD	MLZ048T4	MTZ080-4	4EES-6Y-40S
	YM132E1G-100	8	123.0	12893	6447	ZB58KCE-TFD	MLZ058T4	MTZ100-4	4DES-7Y-40S
	YM158E1G-100	9	145.4	15842	7921	ZB66KCE-TFD	MLZ066T4	MTZ125-4	4CES-9Y-40S
	YM182E1G-100	10	167.2	17856	8928	ZB76KCE-TFD	MLZ076T4	MTZ144-4	4BES-9Y-40S
	YM200E1G-100	12	189.1	19536	9671				4VES-10Y-40P
	YM210E1G-100	13	197.1	20544	10170	ZB95KCE-TFD		MTZ160-4	4TES-12Y-40P
	YM240E1G-105	13	210.0	22600	11600	ZB95KCE-TFD			4TES-12Y-40P
	YM260E1G-100	15	246.0	25000	12700	ZB114KCE-TFD TFP	MLZ116T4		4PES-15Y-40P
	YM280E1G-100	16	265.5	28300	14100	ZB130KQE-TED			4NES-14Y-40P
	YM350E1G-100	22	332.8	33300	16650	ZB150KQE-TWD			4JE-15Y-40P
	YM410E1G-100	25	392.0	39200	19400				4HE-18Y-40P

YF/YSF

For Low Temp. Refrigeration

3P/380-420V/50HZ
ET -31.6°C/CT 40.6°C/RG 4.4°C/No Subcooling

Application	Model	Nominal HP	Displ. (cc/rev)	Cooling Capacity (W)	Power Input (W)	CROSS REFERENCE			
						Copeland	Danfoss	Maneurop	Bitzer
R404A R448A R449A	YF13E1G-Q100	2	33.3	1386	1237	ZF06K4E-TFD		NTZ048-4B	2GES-2Y-40S
	YF17E1G-Q100	2.5	42.0	1770	1567	ZF08K4E-TFD			2FES-2Y-40S
	YF20E1G-Q100	3	46.6	2079	1823	ZF09K4E-TFD		NTZ068-4B	2EES-2Y-40S
	YF25E1G-Q100	3.5	58.0	2695	2324	ZF11K4E-TFD			2DES-2Y-40S
	YF29E1G-Q100	4	67.8	3145	2516	ZF13K4E-TFD	LLZ013T4	NTZ108-4B	4FES-3Y-40S
	YF35E1G-Q100	5	83.3	3731	2889	ZF15K4E-TFD	LLZ015T4	NTZ136-4B	
	YF41E1G-Q100	6	98.3	4371	3358	ZF18K4E-TFD	LLZ018T4		4EES-4Y-40S
	YF45E1G-Q100	7	108.0	5083	3704				4DES-5Y-40S
	YF56E1G-Q100	8	123.0	5560	4560	ZF25K4E-TFD	LLZ024T4	NTZ215-4B	
	YF65E1G-Q100	9	145.4	6751	5193	ZF28K4E-TFD			4BES-9Y-40S
	YF72E1G-Q100	10	167.2	7621	5862	ZF34K5E-TFD	LLZ034T4		4TES-9Y-40P
	YF80E1G-Q100	12	189.1	8657	6614			NTZ271-4B	4PES-12Y-40P
	YSF60E1G-V100	7	115.5	6910	4369	ZF18KVE-TFD			4CES-6Y-40S
	YSF65E1G-V100	8	123.0	7360	4660				4TES-9Y-40P
	YSF75E1G-V100	9	145.4	8704	5440	ZF25K5E-TFD EVI			4PES-12Y-40P
	YSF85E1G-V100	10	167.2	10010	6256				4NES-14Y-40P
	YSF90E1G-V100	12	189.1	11320	6988	ZF33K5E-TFD EVI			
	YSF100E1G-V100	13	197.1	11800	7284				4JE-15Y-40P
	YSF125E1G-V100	15	243.7	13500	9507	ZF41K5E-TFD EVI			4HE-18Y-40P
	YF170E1G-V100	20	332.8	23758	14620	ZF196KQE-TED			6HE-28Y-40P
	YF200E1G-V100	25	392.0	26312	16226				6GE-34Y-40P