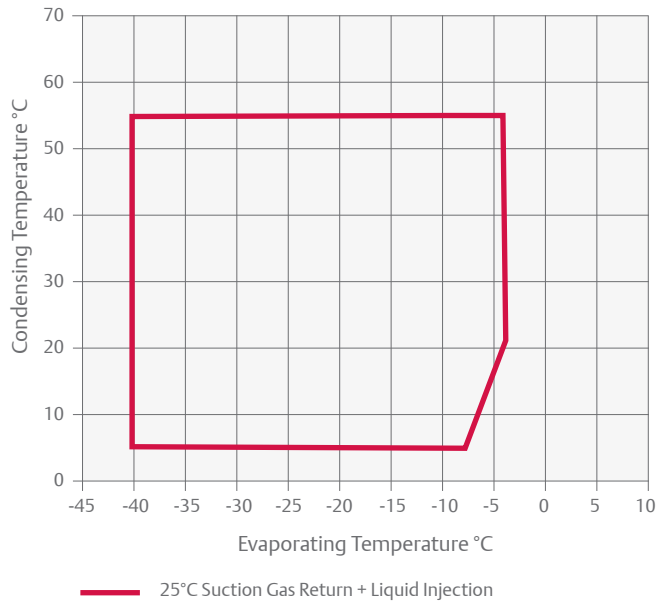


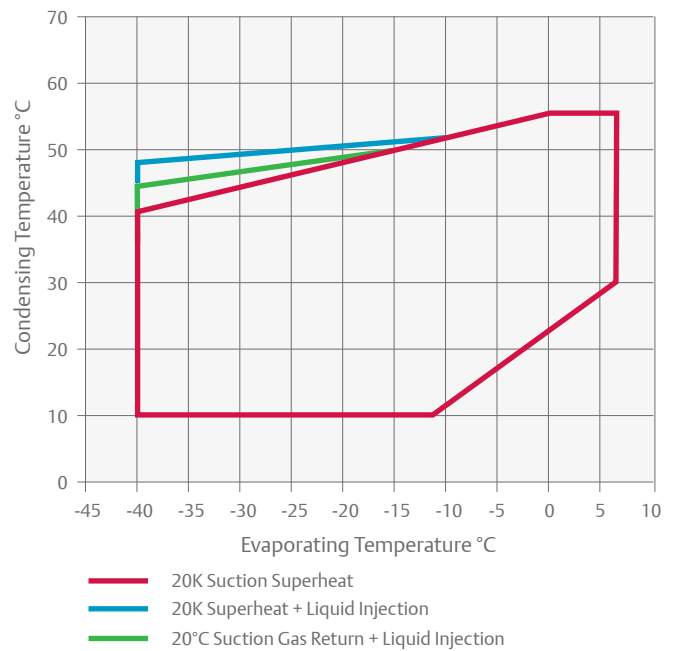
Operating Envelope R448A/R449A

ZF Models - for Liquid Injection



For individual model details please refer to Select Software.

For ZFD Digital Models



Technical Overview

Models	Nominal hp	Displacement (m ³ /h)	Rotolock Suction (inch)	Rotolock Discharge (inch)	Oil Quantity (l)	Length/Width/Height (mm)	Net Weight (kg)	Motor Version/Code	Maximum Operating Current (A)	Locked Rotor Current (A)	Sound Pressure @1 m - db(A)***
								3 Ph**	3 Ph**	3 Ph**	
Models with Liquid Injection only											
ZF06K4E	2.0	5.9	1 1/4	1	1.3	243/245/369	25.4	TFD	5	26	57
ZF08K4E	2.5	7.3	1 1/4	1	1.5	243/245/391	27.2	TFD	6	32	59
ZF09K4E	2.8	8.0	1 1/4	1	1.5	243/244/391	27.0	TFD	6	40	62
ZF11K4E	3.5	9.9	1 1/4	1	1.5	243/244/405	28.0	TFD	7	46	63
ZF13K4E	4.0	11.8	1 1/4	1	1.9	246/251/442	38.0	TFD	8	51	65
ZF15K4E	5.0	14.5	1 1/4	1	1.9	246/251/442	39.0	TFD	10	64	65
ZF18K4E	6.0	17.1	1 1/4	1	1.9	246/251/442	41.0	TFD	12	74	67
Models with Vapor Injection only											
ZF13KVE	4.0	11.7	1 1/4	1	1.9	246/251/442	38.0	TFD	9	64	63
ZF18KVE	6.0	17.1	1 1/4	1	1.9	246/251/442	39.5	TFD	13	74	67
Models which can have Liquid or Vapor Injection											
ZF25K5E	7.5	21.4	1 1/4	1 1/4	1.9	246/257/452	39.5	TFD	16	102	70
ZF34K5E	10.0	29.1	1 3/4	1 1/4	3.4	280/280/534	63.1	TFD	25	100	68
ZF41K5E	13.0	35.3	1 3/4	1 1/4	3.4	280/280/534	63.1	TFD	29	118	69
ZF49K5E	15.0	42.4	1 3/4	1 1/4	3.4	280/280/552	66.2	TFD	30	139	72
ZF54K5E	17.0	48.3	1 3/4	1 1/4	3.4	363/312/552	66.2	TFD	31	168	78
Digital Models											
ZFD13KVE EVI	4.0	11.7	1 1/4	1	1.9	246/250/481	38	TFD	9	64	65
ZFD18KVE EVI	6.0	17.1	1 1/4	1	1.9	300/299/481	43	TFD	13	74	67
ZFD25KVE EVI	7.5	21.4	1 1/4	1 1/4	1.9	246/250/481	43	TFD	16	102	70
ZFD41K5E	10.0	35.3	1 3/4	1 1/4	3.4	310/280/534	66	TFD	20	118	73
ZFD41K5E EVI	13.0	35.3	1 3/4	1 1/4	3.4	310/280/534	66	TFD	20	118	72

** 3 Ph: 380-420V/ 50Hz

*** @ 1m: sound pressure level at 1m distance from the compressor, free field condition