

R600a Inverter compressors
Application : L.B.P. (Low Back Pressure)

Category	Series	Model	Speed range	Performance with inverter board "MBAE1WN"						Displacement	Motor type	Accessories	Dimension	Compressor cooling		Net weight	
				Incl. Inverter board circuit loss										Compressor cooling / Oil cm3			
				H/L=40/-30 deg C		ASHRAE			CECOMAF					Height	ST		F
				Speed	rpm	1,500	2,520	3,120	4,320								
				rps	25	42	52	72	52	cm3		OLP 3/4 disc	mm			kg	
	ENI	ENI100E13DGH	20 to 72rps	Capacity	W	69	150	186	250	135	10.17	DC motor	MM3-71CC	153.8	215	215	7.1
				Input power	W	39.2	86.2	111.2	-	102.1							
				C.O.P.		1.76	1.74	1.67	-	1.32							
		ENI91E13DGH*	20 to 72rps	Capacity	W						9.07	DC motor	MM3-76DC	153.8	215	215	7.1
				Input power	W												
				C.O.P.													
	ETI	ETI100E13DCH	20 to 72rps	Capacity	W	68	147	180	246	134	10.17	DC motor	MM3-71CC	153.8	215	215	7.0
				Input power	W	39.1	85.5	109.1	-	103.1							
				C.O.P.		1.74	1.72	1.65	-	1.30							

<Test conditions>

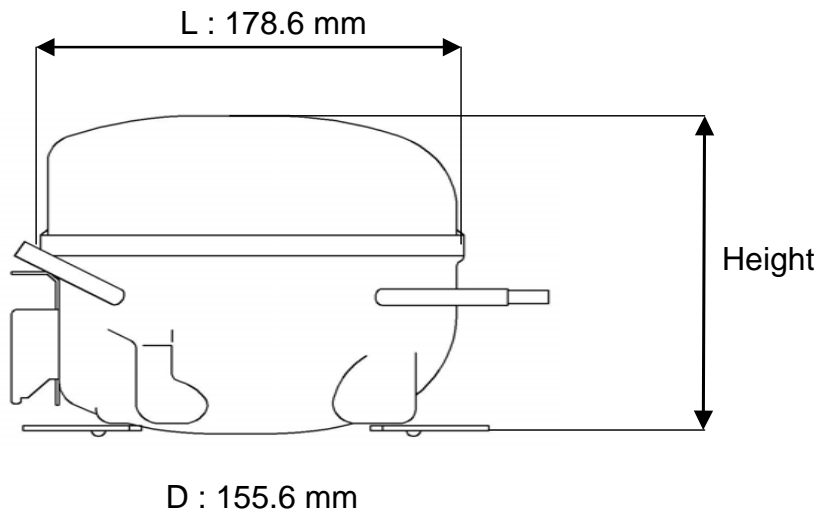
R600a model	H/L=40/-30 deg C	ASHRAE	CECOMAF
Evaporating temperature	-30 deg C	-23.3 deg C	-25 deg C
Condensing temperature	40 deg C	54.4 deg C	55 deg C
Gas superheated to	32 deg C	32 deg C	32 deg C
Liquid sub cooled to	32 deg C	32 deg C	55 deg C
Ambient temperature	32 deg C	32 deg C	32 deg C
Compressor shell temp.	50 deg C	60 deg C	60 deg C

<Compressor cooling>

ST; Static cooling
F; Fan cooling

<Status>

* : Under development / Preliminary data



NOTES:
All data covered by this catalogue are given as general information only.
Since we are constantly improving our products, the specifications
and availability are subject to change without notice.