Rotary & Scroll Compressors

LG



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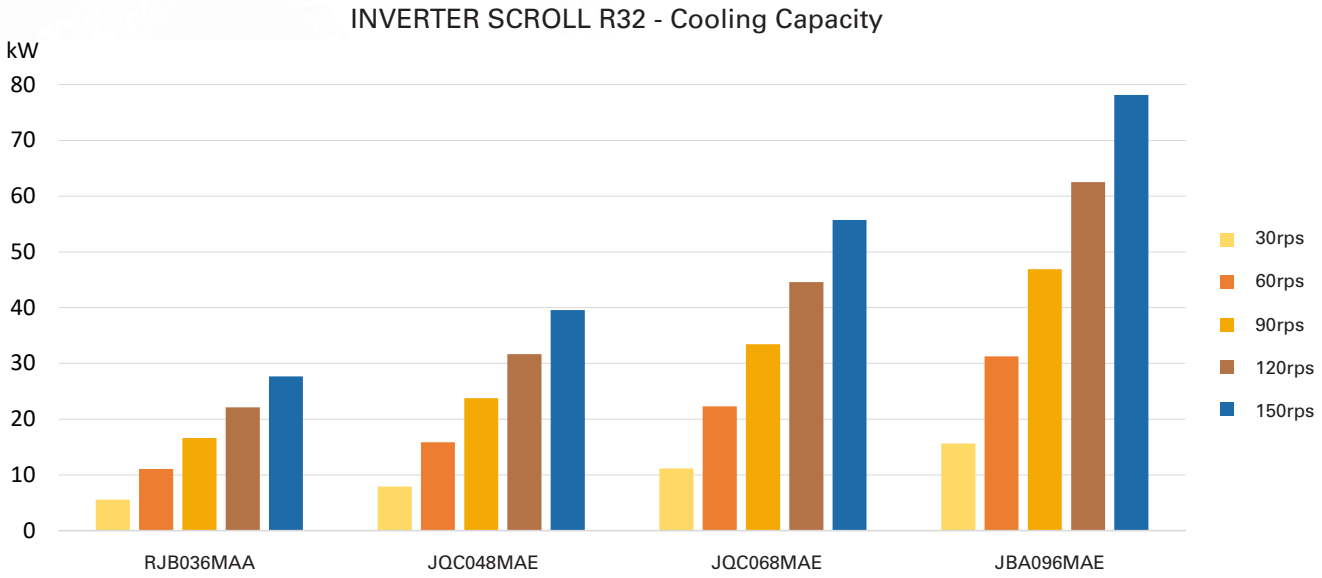
Hermetic Compressors Provider

LG INVERTER SCROLL COMPRESSORS R32 / R410A

Model	Rated Motor Voltage	Cooling Capacity [kW] @60 rps	COP [W/W]	Displacement [cc/rev]	Weight [kg]	Type	Range [rps]
RJB036MAA	DC 520V	11,05	3,22	31,6	15,8	R1 Scroll	10-150
JQC048MAE	DC 540V	15,85	3,28	43,8	31,0	HSS Scroll	10-160
JQC068MAE	DC 540V	22,30	3,37	62,1	31,8	HSS Scroll	10-160
JBA096MAE	DC 540V	31,30	3,35	87,6	39,0	HSS Scroll	10-160

Rated Test Condition:

Condensing Temp.	54,4°C
Evaporating Temp.	7,2°C
Liquid Temp.	46,1°C
Ambient Temp.	35,0°C
Suction Temp.	35,0°C



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LG ROTARY COMPRESSORS R290

Model	Power Source [ph/V/Hz]	Cooling Capacity [kW]	COP [W/W]	Displacement [cc/rev]	Weight [kg]	Type
PAB078PAA	1ph 220-240/50	1,20	3,48	7,8	7,1	Single
PAB086PAA	1ph 220-240/50	1,35	3,05	8,6	8,2	Single
PA125PAB	1ph 220-240/50	1,90	3,21	12,5	8,8	Single

LG INVERTER ROTARY COMPRESSORS R290

Model	Rated Motor Voltage	Cooling Capacity [kW] @60 rps	COP [W/W]	Displacement [cc/rev]	Weight [kg]	Type	Range [rps]
PST066MAA	DC 280V	1,20	3,35	6,6	5,4	Twin	10-120
PST102MAA	DC 280V	1,90	3,56	10,2	5,4	Twin	10-130
PAT134M*	DC 280V	2,50	3,22	13,4	9,5	Twin	15-120
PAT240M*	DC 380V	4,48	3,16	24,0	9,9	Twin	15-120
PJT330M*	DC 380V	6,16	3,12	33,0	17,8	Twin	15-120
PJT420M*	DC 380V	7,84	3,14	42,0	17,8	Twin	15-120
PPT525M	DC 380V / DC 520V	9,80	3,06	52,5	18,5	Twin	15-110

* Model under development.

LG INVERTER SCROLL COMPRESSORS R290

Model	Rated Motor Voltage	Cooling Capacity [kW] @60 rps	COP [W/W]	Displacement [cc/rev]	Weight [kg]	Type	Range [rps]
PRJA032M	DC 520V	6,17	3,67	31,6	16,5	R1 Scroll	10-135
PRJA039M	DC 520V	7,52	3,66	39,0	16,5	R1 Scroll	10-135
PJQC062M	DC 540V	11,70	3,36	62,1	31,8	HSS Scroll	10-160
PJBA088M*	DC 540V	16,80	3,31	87,6	38,9	HSS Scroll	10-160

* Model under development.

Rated Test Condition:

Condensing Temp.	54,4°C
Evaporating Temp.	7,2°C
Liquid Temp.	46,1°C
Ambient Temp.	35,0°C
Suction Temp.	35,0°C

LG ROTARY COMPRESSORS R32 50Hz

Model	Power Source [ph/V/Hz]	Cooling Capacity [kW]	COP [W/W]	Displacement [cc/rev]	Weight [kg]	Type
DAB065PAB	1ph 220-240/50	1,58	2,73	6,5	8,5	Single
DKS094PAA	1ph 220-240/50	2,30	2,9	9,4	12,0	Single
DKN102PAA	1ph 220-240/50	2,50	2,82	10,2	12,0	Single
DKN141PAA	1ph 220-240/50	3,55	2,75	14,1	11,9	Single
DJS165PAA	1ph 220-240/50	4,10	2,83	16,5	15,4	Single
DJS230PAA	1ph 220-240/50	5,67	2,84	23,0	15,5	Single
DVS282PAA	1ph 220-240/50	7,18	2,78	28,2	19,6	Single

LG ROTARY COMPRESSORS R32 60Hz

Model	Power Source [ph/V/Hz]	Cooling Capacity [kW]	COP [W/W]	Displacement [cc/rev]	Weight [kg]	Type
DAB050CMA	1ph 115/60	1,51	2,82	5,0	7,7	Single
DAB070CAA	1ph 115/60	2,10	2,83	7,0	8,7	Single
DAB080CMA	1ph 115/60	2,40	2,79	8,0	8,5	Single
DKS108CAA	1ph 115/60	3,32	2,68	10,8	11,4	Single
DKN134CMA	1ph 115/60	3,90	2,62	12,7	11,4	Single

Rated Test Condition:

Condensing Temp.	54,4°C
Evaporating Temp.	7,2°C
Liquid Temp.	46,1°C
Ambient Temp.	35,0°C
Suction Temp.	35,0°C

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