

Model Selection



Rotary Vane

G 04 EB



G 045



Pressure												
MODEL	MODEL CAPACITY		FLOW l/min @ mbar								MAXIMUM PRESSURE mbar	
	VOLTAGE	TYPE*	0.0	50	100	200	400	600	800	1000	CONTINUOUS	INTERMITTENT
G 01-K-LC(L)	6	PM	2.2	1.3	-	-	-	-	-	-	25.0	80.0
G 01-K-EB	6,12	PM	1.4	-	-	-	-	-	-	-	10.0	40.0
G 01 EB	3,6,12,24	PM	1.6	1.2	0.7	-	-	-	-	-	100.0	180.0
G 01-4 EB	6,12,24	PM	1.4	1.2	0.9	0.4	-	-	-	-	100.0	280.0
G 02 EB	3,6,12,24	PM	3.6	2.6	1.6	-	-	-	-	-	100.0	190.0
G 02-4 EB	6,12,24	PM	3.7	3.2	2.5	1.3	-	-	-	-	100.0	310.0
G 02-8	6,12	PM	2.7	2.5	2.2	1.6	0.5	-	-	-	200.0	500.0
G 04 EB	3,6,12,24	PM	6.8	4.5	2.4	-	-	-	-	-	40.0	150.0
G 04-4 EB	6,12	PM	5.1	4.0	3.0	0.9	-	-	-	-	50.0	240.0
G 04-8	12	PM	4.4	3.6	2.6	1.0	-	-	-	-	100.0	260.0
G 045-LC	12	PM	6.5	6.0	5.6	-	-	-	-	-	100.0	750.0
G 045	12,24	PM	6.1	5.8	5.5	4.5	2.9	1.3	-	-	150.0	750.0
G 07	12,24	PM	21.0	21.0	20.0	19.0	15.0	13.0	9.0	6.0	200.0	1,400.0
G 07-N	12,24	PM	20.0	19.0	18.0	16.0	-	-	-	-	250.0	900.0
G 08	12,24	PM	15.5	15.0	15.0	14.0	11.0	9.0	6.0	5.0	300.0	1400.0
G 08-T Series	12,24	PM	19.0	19.0	18.0	17.0	13.0	11.0	7.0	6.0	-	1400.0
G 08-T Parallel	12,24	PM	36.0	36.0	34.0	33.0	25.0	21.0	12.0	10.0	-	1,400.0
G09-6	12,24	PM	11.0	9.5	8.0	5.0	-	-	-	-	200.0	370.0
BL-G 02-4	12	BLDC	2.1	1.5	1.0	-	-	-	-	-	150.0	200.0
BL-G 085 M	12	BLDC	8.5	7.5	6.5	4.7	1.0	-	-	-	150.0	450.0

*PM = Permanent Magnet, BLDC = Brushless DC

Note: Minimum release quantities or regional availability may apply. Consult factory.



Rotary Vane

QR-0030
QR-0050



SR-0015-VP



Pressure												
MODEL	MOTOR CAPACITY		FLOW cfm @ psi								MAXIMUM PRESSURE psi	
	VOLTAGE	TYPE*	0	5	10	20	40	60	80	100	CONTINUOUS	INTERMITTENT
QR-0030 (291305)	100-115/200 240/60/50/1	SPh	3.20 2.70	2.70 2.30	2.20 1.80	1.70 1.40	-	-	-	-	10.0	15.0
QR-0050 (291306)	100-115/200 240/60/50/1	SPh	4.60 4.00	4.10 3.50	3.60 3.00	3.00 2.40	-	-	-	-	10.0	15.0
QR-0080 (291303)	100-115/200 240/60/50/1	CS	8.00 6.70	7.35 6.20	6.80 5.65	6.20 5.20	-	-	-	-	10.0	15.0
QR-0080 (291309)	200-240/460/60 200-220/380-415/50	POLY	8.00	7.35	6.80	6.20	-	-	-	-	10.0	15.0
QR-0100 (291310)	200-240/460/60 200-220/380-415/50	POLY	10.00	9.40	8.80	-	-	-	-	-	10.0	15.0
QR-0100 (291304)	100-115/200 240/60/50/1	CS	10.00 8.30	9.40 7.80	8.00 7.30	-	-	-	-	-	10.0	15.0
SR-0015-VP (291275)	115/60/50/1	PSC	1.50	1.20	1.00	-	-	-	-	-	10.0	10.0
SR-0015-VP (291293)	220/240/50/60/1	PSC	1.20	1.00	0.80	-	-	-	-	-	10.0	10.0
SR-0015-VP (291277)	115/60/50/1	SPh	1.50	1.20	1.00	-	-	-	-	-	10.0	10.0

*CS = Capacitor Start, SPh = Split Phase, PSC = Permanent Split Capacitor, POLY = 3 Phase

Note: Minimum release quantities or regional availability may apply. Consult factory.

Model Selection



Rotary Vane

G-01-K-LC(L)

Vacuum											
MODEL	MOTOR CAPACITY		FLOW l/min @ mbar						MAX. VACUUM mbar CONT./INTERM.	DIMENSIONS (H x W x L) mm	WEIGHT kg
	VOLTAGE	TYPE*	0	-100	-200	-400	-600	-800			
G 01-K-LC(L)	3,6	PM	2.2	-	-	-	-	-	-25 / -70	20.5 x 20 x 46	0.03
G 01-K-EB	6,12	PM	1.4	-	-	-	-	-	-10 / -40	20.5 x 20 x 53	0.04
G 01 EB	3,6,12,24	PM	1.6	0.8	-	-	-	-	-100 / -200	29 x 26 x 55	0.10
G 01-4 EB	6,12,24	PM	1.4	0.9	0.4	-	-	-	-100 / -290	29 x 26 x 55	0.10
G 02 EB	3,6,12,24	PM	3.6	1.6	-	-	-	-	-100 / -190	29 x 26 x 55	0.10
G 02-4 EB	6,12,24	PM	3.7	2.5	1.3	-	-	-	-100 / -310	29 x 26 x 55	0.10
G 02-8	6,12	PM	2.7	2.1	1.5	0.3	-	-	-200 / -450	29 x 26 x 72	0.13
G 04 EB	3,6,12,24	PM	6.8	2.5	-	-	-	-	-40 / -160	29 x 26 x 62	0.10
G 04-4 EB	6,12	PM	5.1	3.0	1.0	-	-	-	-50 / -260	29 x 26 x 62	0.10
G 04-8	12	PM	4.4	2.5	0.9	-	-	-	100 / -250	29 x 26 x 78	0.14
G 045-LC	12	PM	6.5	5.7	4.5	1.8	0.8	-	-100 / -630	42 x 42 x 90	0.25
G 045	12,24	PM	6.1	5.3	4.4	2.6	0.8	-	-150 / -700	42 x 42 x 86	0.25
G 07	12,24	PM	21.0	18.0	16.0	10.0	5.0	-	-200 / -770	48 x 48 x 150	0.70
G 07-N	12,24	PM	20.0	16.2	14.2	8.5	3.0	-	-300 / -720	51 x 51 x 113	0.40
G 08	12,24	PM	15.5	13.0	12.0	8.0	5.0	1.0	-300 / -830	59 x 59 x 135	0.75
G 08-T Series	12,24	PM	19.0	17.0	15.0	11.0	7.0	3.0	- / -930	59 x 59 x 210	1.30
G 08-T Parallel	12,24	PM	36.0	32.0	27.0	19.0	10.0	2.0	- / -840	59 x 59 x 210	1.30
G09-6	12,24	PM	11.0	7.8	4.2	-	-	-	-200 / -350	40 x 40 x 60	0.30
BL-G 02-4	12	BLDC	2.1	1.0	-	-	-	-	-150 / -190	32 x 32 x 69	0.13
BL-G 085 M	12	BLDC	8.5	6.7	5.0	1.7	-	-	-150 / -500	50 x 50 x 44	0.15

*PM = Permanent Magnet, BLDC = Brushless DC

Note: Minimum release quantities or regional availability may apply. Consult factory.



G 02 EB



G 07 N




Rotary Vane

Vacuum											
MODEL	MOTOR CAPACITY		FLOW cfm @ in. Hg						MAX. VACUUM in. Hg	DIMENSIONS (H x W x L) in	WEIGHT lb
	VOLTAGE	TYPE*	0	5	10	15	20	25			
QR-0030 (291305)	100-115/200 240/60/50/1	SPh	3.20 2.70	2.50 2.20	1.90 1.60	1.30 1.10	.60 .50	-	25.0	5.80 x 5.60 x 13.56	33.0
QR-0050 (291306)	100-115/200 240/60/50/1	SPh	4.60 4.00	3.80 3.30	2.90 2.50	2.00 1.70	1.20 0.90	.30 .10	26.0	5.80 x 5.60 x 13.56	33.0
QR-0080 (291303)	100-115/200 240/60/50/1	CS	8.00 6.70	6.40 5.30	4.80 4.00	3.40 2.80	2.00 1.40	.40 .10	26.0	6.75 x 6.50 x 16.41	54.0
QR-0080 (291309)	200-240/460/60 200-220/380-415/50	POLY	8.00	6.40	4.80	3.40	2.00	0.4	25.0	6.75 x 6.50 x 16.41	56.0
QR-0100 (291310)	200-240/460/60 200-220/380-415/50	POLY	10.00	8.10	6.20	4.40	2.50	.8	25.0	6.75 x 6.50 x 16.41	56.0
QR-0100 (291304)	100-115/200 240/60/50/1	CS	10.00 8.30	8.10 6.60	6.20 5.00	4.40 3.40	2.50 1.90	.8 .35	26.0	6.75 x 6.50 x 16.41	54.0
SR-0015-VP (291275)	115/60/50/1	PSC	1.50	1.10	0.80	0.50	0.20	-	24.0	4.12 x 4.17 x 8.17	8.0
SR-0015-VP (291293)	220/240/50/60/1	PSC	1.20	0.90	0.60	0.40	0.20	-	24.0	4.12 x 4.17 x 8.17	8.0
SR-0015-VP (291277)	115/60/50/1	SPh	1.50	1.10	0.80	0.50	0.20	-	24.0	4.12 x 4.17 x 8.17	8.5

*CS = Capacitor Start, SPh = Split Phase, PSC = Permanent Split Capacitor, POLY = 3 Phase

Note: Minimum release quantities or regional availability may apply. Consult factory.

QR-0080
QR-0100



Model Selection



Rotary Vane

DTE 3



DTE 6



VTE 10



Pressure												
MODEL	MOTOR CAPACITY		FLOW l/min @ mbar								MAXIMUM PRESSURE bar	
	VOLTAGE	TYPE*	0	100	200	400	600	800	1000		CONTINUOUS	INTERMITTENT
TF 2	24	PM	42	39	37	33	29	25	21	-	-	1.0
TF 4	12,24	PM	66	62	59	52	46	39	33	-	-	1.0
TF 4HP	24	PM	84	83	82	77	71	64	58	-	-	1.0
TF 8	24	PSC	131	131	126	117	108	99	90	-	-	1.0
VTE 3	230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 3	115/60/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 3	multi	POLY	-	-	-	-	-	-	-	-	-	-
VTE 3	24	PM	-	-	-	-	-	-	-	-	-	-
DTE 3	230/50/1	PSC	58	57	55	52	47	43	38	-	1.0	1.0
DTE 3	115/60/1	PSC	70	69	68	63	60	55	-	-	0.8	0.8
DTE 3	multi	POLY	58	57	55	52	47	43	38	-	1.0	1.0
DTE 3	24	PM	58	57	55	52	47	43	38	-	1.0	1.0
VTE 6	230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 6	115/60/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 6	multi	POLY	-	-	-	-	-	-	-	-	-	-
VTE 6	24	PM	-	-	-	-	-	-	-	-	-	-
DTE 6	230/50/1	PSC	100	98	97	90	85	75	67	-	1.0	1.0
DTE 6	115/60/1	PSC	120	117	115	108	102	95	83	-	1.0	1.0
DTE 6	multi	POLY	100	98	97	90	85	75	67	-	1.0	1.0
DTE 6	24	PM	100	98	97	90	85	75	67	-	1.0	1.0
VTE 8	230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 8	115/60/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 8	multi	POLY	-	-	-	-	-	-	-	-	-	-
VTE 8	24	PM	-	-	-	-	-	-	-	-	-	-
DTE 8	230/50/1	PSC	133	132	128	118	113	-	-	-	0.6	0.6
DTE 8	115/60/1	PSC	160	128	153	145	133	102	98	-	0.6	0.6
DTE 8	multi	POLY	133	132	128	118	113	102	98	-	1.0	1.0
DTE 8	24	PM	133	132	128	118	113	102	98	-	1.0	1.0
VTE 10	230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 10	115/60/1	PSC	-	-	-	-	-	-	-	-	-	-
VTE 10	multi	POLY	-	-	-	-	-	-	-	-	-	-
VTE 10	24	PM	-	-	-	-	-	-	-	-	-	-
DTE 10	230/50/1	PSC	167	164	158	146	134	122	-	-	0.8	0.8
DTE 10	115/60/1	PSC	200	194	187	174	161	148	-	-	0.8	0.8
DTE 10	multi	POLY	167	164	158	146	134	122	110	-	1.0	1.0
DTE 10	24	PM	167	164	158	146	134	122	110	-	1.0	1.0

*PM = Permanent Magnet, PSC = Permanent Split Capacitor, POLY = 3 Phase

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Model Selection

 **Rotary Vane**

Vacuum											
MODEL	MOTOR CAPACITY		FLOW l/min @ mbar						MAX. VACUUM mbar CONT./INTERM.	DIMENSIONS (H x W x L) mm	WEIGHT kg
	VOLTAGE	TYPE*	0	-100	-200	-400	-600	-800			
TF 2	24	PM	42	37	32	21	11	-	-	93 x 88 x 215	3.5
TF 4	12,24	PM	66	53	40	33	17	-	-	93 x 88 x 215	3.5
TF4HP	24	PM	84	73	63	42	21	-	-	93 x 88 x 215	3.5
TF 8	24	PSC	136	119	102	68	34	-	-	143 x 138 x 260	7.5
VTE 3	230/50/1	PSC	58	51	44	31	17	3	-850 / -850	150 x 152 x 205	6.5
VTE 3	115/60/1	PSC	70	62	53	37	20	4	-850 / -850	150 x 152 x 205	6.5
VTE 3	multi	POLY	58	51	44	31	17	3	-850 / -850	150 x 152 x 205	6.5
VTE 3	24	PM	58	51	44	31	17	3	-850 / -850	150 x 152 x 210	7.9
DTE 3	230/50/1	PSC	-	-	-	-	-	-	-	150 x 152 x 205	6.5
DTE 3	115/60/1	PSC	-	-	-	-	-	-	-	150 x 152 x 205	6.5
DTE 3	multi	POLY	-	-	-	-	-	-	-	150 x 152 x 205	6.5
DTE 3	24	PM	-	-	-	-	-	-	-	150 x 152 x 210	7.9
VTE 6	230/50/1	PSC	100	89	77	52	30	7	-850 / -850	156 x 152 x 220	7.5
VTE 6	115/60/1	PSC	120	106	92	64	36	9	-850 / -850	156 x 152 x 220	7.5
VTE 6	multi	POLY	100	89	77	52	30	7	-850 / -850	156 x 152 x 220	7.5
VTE 6	24	PM	100	89	77	52	30	7	-850 / -851	156 x 152 x 225	8.5
DTE 6	230/50/1	PSC	-	-	-	-	-	-	-	156 x 152 x 220	7.5
DTE 6	115/60/1	PSC	-	-	-	-	-	-	-	156 x 152 x 220	7.5
DTE 6	multi	POLY	-	-	-	-	-	-	-	156 x 152 x 220	7.5
DTE 6	24	PM	-	-	-	-	-	-	-	156 x 156 x 225	8.5
VTE 8	230/50/1	PSC	133	117	99	68	77	10	-850 / -850	156 x 156 x 249	8.0
VTE 8	115/60/1	PSC	160	140	120	81	45	13	-850 / -850	156 x 156 x 249	8.0
VTE 8	multi	POLY	133	117	99	68	37	10	-850 / -850	156 x 156 x 249	8.0
VTE 8	24	PM	133	117	99	68	37	10	-850 / -850	156 x 156 x 245	9.2
DTE 8	230/50/1	PSC	-	-	-	-	-	-	-	156 x 156 x 249	8.0
DTE 8	115/60/1	PSC	-	-	-	-	-	-	-	156 x 156 x 249	8.0
DTE 8	multi	POLY	-	-	-	-	-	-	-	156 x 156 x 249	8.0
DTE 8	24	PM	-	-	-	-	-	-	-	156 x 156 x 245	9.2
VTE 10	230/50/1	PSC	167	150	130	90	50	10	-850 / -850	156 x 156 x 265	10.3
VTE 10	115/60/1	PSC	200	175	155	105	60	15	-850 / -850	156 x 156 x 265	10.3
VTE 10	multi	POLY	167	150	130	90	50	10	-850 / -850	156 x 156 x 265	10.1
VTE 10	24	PM	167	150	130	90	50	10	-850 / -850	156 x 156 x 270	11.8
DTE 10	230/50/1	PSC	-	-	-	-	-	-	-	156 x 156 x 265	10.3
DTE 10	115/60/1	PSC	-	-	-	-	-	-	-	156 x 156 x 265	10.3
DTE 10	multi	POLY	-	-	-	-	-	-	-	156 x 156 x 265	10.1
DTE 10	24	PM	-	-	-	-	-	-	-	156 x 156 x 270	11.8

*PM = Permanent Magnet, PSC = Permanent Split Capacitor, POLY = 3 Phase

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TF 2



TF 4



VTE 3

