



R-series for AC & Refrigeration Applications

Valve Series *	Nominal Capacity ① ②								NC Coil Junction Box	NO Coil Junction Box
	Liquid				Hot Gas					
	R-22	R-410A	R-134a	R-404A R-507	R-22	R-410A	R-134a	R-404A R-507		
R12 E2	.80	.98	.61	.53	xx	xx	xx	xx	PKC-1	-
R16 E3	1.6	xx	1.2	1.1	0.24	xx	0.20	0.22	PKC-1	-
R16 F3	1.6	xx	1.2	1.1	0.24	xx	0.20	0.22	PKC-1	-
R22 E5	2.8	3.45	2.1	1.9	0.45	.54	0.37	0.40	PKC-1	-
R26/27 E6	4.9	6.02	3.8	3.3	0.84	1.00	0.70	0.75	PKC-1	OPKC-1
R32/33 E9	8.1	9.86	6.2	5.4	1.35	1.61	1.12	1.21	PKC-2	OPKC-2
R36/37 E10	11.1	13.6	8.5	7.23	1.83	2.19	1.52	1.64	PKC-2	OPKC-2
R38/39 E14	15.8	19.2	12.0	10.4	2.62	3.13	2.17	2.34	PKC-2	OPKC-2
R42/43 E19	24.2	29.7	18.4	16.0	3.43	4.71	3.26	3.53	PKC-2	OPKC-2
R46/47 E25	41.4	50.6	31.5	27.4	6.74	8.07	5.60	6.04	PKC-2	OPKC-2
R52/53 E35	57.6	57.6	53.0	38.1	9.90	12.0	8.10	9.03	PKC-1	OPKC-1
R56/57 E42	98.2	98.2	76.7	65.8	21.0	25.1	17.4	18.8	PKC-2	OPKC-2

* Reference individual catalog pages for specific valve numbers and connection sizes.

① Nominal capacities are based on ARI Standard 760 under the following system conditions:

Liquid line capacities are based on 40°F evaporator, 10°F superheat and 100°F condenser temperatures and pressure drop across valve:
2 psi for R134a - 3 psi for R22, R404A, R507 - 5 psi for R410A

Rated hot gas capacities based on 40°F evaporator temperature plus 25°F superheat and 100°F condenser temperature and 2 psi drop.

② For capacities at other ratings, refer to Extended Capacity tables in Parker Catalog D-1.

Electrical Enclosures

Voltage	Enclosure	Insulation Type	Lead Wire Color Code
24/50-60	J	A	Q (Orange)
120/50-60	J	A	M (Blue)
120-240/50-60	J	A	U (red/black/yel/blue)
208-240/50-60	J	A	N (Red)
24 VDC	J	A	K (Black)

Standard enclosure is junction box. Conduit boss may be available.

Contact Parker Hannifin Aftermarket in Broadview, IL for details



GP Series Solenoid Valves (Jackes-Evans)

AIR, WATER, OIL

Maximum Temp. 225°F / 107°C

Model No.	Part No.	Port Size	Cv	Connections	PSI
GP300	70392	1/2 "	3.35	3/8" FPT	1 - 150
GP400	70562	1/2 "	3.35	1/2 " FPT	1 - 150
GP600	70712	3/4 "	7.40	3/4 " FPT	1 - 150
GP10A	70810	1"	12.2	1 ' FPT	1 - 150



STEAM

Maximum Temp. 300°F / 149°C

Model No.	Part No.	Port Size	Cv	Connections	PSI
GP357	70394	1/2 "	3.35	3/8" FPT	1 - 50
GP457	70564	1/2 "	3.35	1/2 " FPT	1 - 50
GP657	70714	3/4 "	7.40	3/4 " FPT	1 - 50
GP1057	70777	1"	12.2	1 ' FPT	1 - 50

G23 Coils (sold separately)

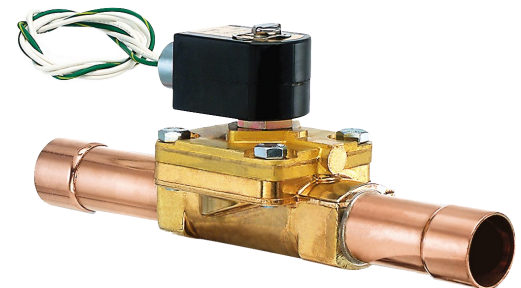
Model No.	Part No.	Watts	Volts*	Hz
G23-24V	77300	9	24 VAC	50/60
G23-120/240	77360	9	120/240 VAC	50/60

G23 coils for "GP" series are available in 12, 24, 120, 208/240, 480, 120/240 VAC and also 12 and 24 VDC. See catalog for full details and ordering information.

Secondary Coolant (Glycol)

Temp. range: -40°F to 180°F

Model No.	Port Size	Cv	Connections	PSI
10E23C2-R1021E	5/8 "	4	5/8" ODF	0 - 150
14E23C2-R1021E	3/4 "	5	7/8 " ODF	0 - 150
18E23C2-R1021E	3/4 "	5	1-1/8 " ODF	0 - 150
22EH5C2-R1021E	1"	12.2	1-3/8" ODF	0 - 50
26EH5C2-R1021E	1"	12.2	1-5/8" ODF	0 - 50
34E24C2-R1021E	1-1/2"	22.5	2-1/8" ODF	5 - 125



Secondary Coolant valve coils are NEMA 4, 4X (3wire leads)

Power: 11 watts

Voltage available: 24, 120, 208, and 240 VAC .

See Catalog for full details and ordering information.