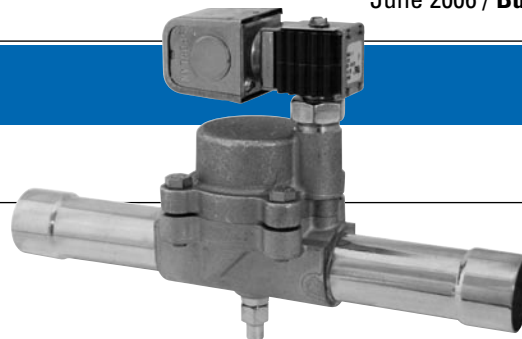


## E35 Solenoid



### Benefits

- MKC-1 Coil
- Brass body resists corrosion
- Large main piston allows full open operation at low pressure drop
- Strong closing spring to provide closing force at low or no flow operating conditions when de-energized
- Piston assembly cup seal for extended life
- Proven E6 components used for the offset pilot operator
- Stainless steel bolts to resist corrosion

### Liquid Capacity Selection

Refrigerant	TONS OF REFRIGERATION @ Pressure Drop – psi*				
	1	2	3	4	5
22	38.9	56.8	70.9	83.0	93.7
134A	36.3	53.0	66.2	77.4	87.4
401A	39.0	56.9	71.0	83.1	93.8
402A	25.6	37.3	46.6	54.5	61.5
404A	25.5	37.3	46.5	54.4	61.4
407C	35.6	52.0	64.8	75.9	85.7
502	25.3	36.9	46.0	53.8	60.8
507	25.1	36.6	45.6	53.4	60.3

\* See Bulletin 30-10, pages 4 & 5 for Liquid Temperature Correction Factors.

### Discharge Gas Capacity / Suction Capacity –Tons

Discharge Gas Capacity – Tons *						Suction Capacity – Tons @ 1 psi Pressure Drop and Evaporating Temperatures				
Pressure Drop Across Valve – psi										
2	5	10	25	50	100	40°F	20°F	0°F	-20°F	-40°F
<b>Refrigerant 22</b>										
9.90	16.3	23.8	40.3	53.7	66.8	4.60	3.61	2.78	2.10	1.54
<b>Refrigerant 134a</b>										
8.14	13.4	19.6	32.1	40.8	44.9	3.48	2.62	1.93	1.39	0.97
<b>Refrigerant 401A</b>										
8.32	13.7	20.0	33.1	42.1	46.5	3.62	2.76	2.07	1.51	1.07
<b>Refrigerant 402A</b>										
8.82	14.5	21.2	35.5	47.9	61.3	4.01	3.07	2.31	1.69	1.21
<b>Refrigerant 404A</b>										
9.03	14.9	21.7	36.4	49.0	62.2	4.07	3.09	2.31	1.69	1.20
<b>Refrigerant 407C</b>										
9.79	16.1	23.6	39.7	52.7	64.9	4.27	3.25	2.43	1.77	1.25
<b>Refrigerant 502</b>										
8.03	13.2	19.3	32.2	43.1	54.1	3.72	2.87	2.17	1.61	1.16
<b>Refrigerant 507</b>										
8.81	14.5	21.2	35.5	47.8	60.8	4.00	3.04	2.28	1.67	1.19

\* See Bulletin 30-10, pages 6 & 7 for Evaporator Temperature Correction Factors.



Sporlan Division  
 Parker Hannifin Corporation  
 206 Lange Drive  
 Washington, MO 63090  
 636-239-1111 • FAX 636-239-9130  
 www.sporlan.com