


## EL3 SERIES SOLENOID VALVES

- For Refrigerants 22, 134a, 401A, 402A, 404A, 407C, 407F, 507
- Pilot Operated Valve
- Mount Horizontally, on Side, or in a Vertical Line
- MKC-0 Coil, Class F
- EL3 Series  Approved



## APPLICATION

**Type EL3 series** is a pilot operated type solenoid valve primarily for refrigeration and air conditioning applications.

The **E3 series** are compact solenoid valves with pilot operated disc construction and are rated at 2.8 tons R-22 at 3 psi pressure drop vs. 1.6 for the A3S1. The EL3 series **may be mounted horizontally, on their side or in a vertical line.**

The **Type EL3 series** solenoid valves feature extended solder type connections as standard. One important benefit to the user is that all valves in the “**EL3**” series can be installed using either low or no silver content brazing alloy.

The MKC-0 coil is Class “F” temperature rated and is provided as standard, therefore a high temperature coil is not required for discharge service.

## ORDERING INSTRUCTIONS

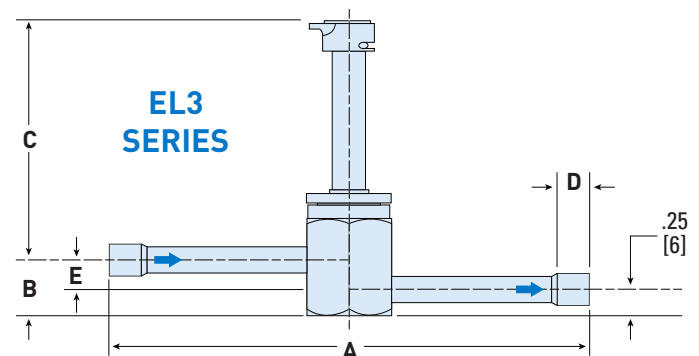
When ordering complete valves, specify Valve Type, Connections, Voltage and Cycles.

When ordering Body Assembly, specify Valve Type and Connections.

When ordering Coil Assembly ONLY, specify Coil Type, Voltage and Cycles.

**Example: MKC-0 120/60.**

## DIMENSIONS



Inches (mm)

VALVE SERIES	TYPE	A	B	C	D	E
EL3	EL3S020	4.63 (117)	0.54 (14)	2.30 (58)	0.31 (8)	0.29 (.8)
	EL3S030	4.56 (116)	0.54 (14)	2.30 (58)	0.31 (8)	0.29 (.8)

## SPECIFICATIONS – MKC-0 Coil

VALVE SERIES	TYPE	STANDARD CONNECTION Inches	PORT SIZE Inches	MOPD psi (bar)		NOMINAL LIQUID CAPACITIES (Kw)								COIL RATINGS				
						REFRIGERANTS												
						22	134A	401A	402A	404A	407C	407F	507	STANDARD VOLTS/CYCLES			WATTS	
						Pressure Drop – psi (bar)											AC	DC
EL3	EL3S020	1/4 ODF x 1/4 ODF	0.10	300 (21)	300 (21)	3 (0.20)	2 (0.14)	2 (0.14)	3 (0.20)	3 (0.20)	3 (0.20)	3 (0.20)	3 (0.20)	24/160 120/160 12 D.C. 24 D.C.	10	10		
	EL3S030	3/8 ODF x 3/8 ODF				1.55 (5.45)	1.17 (4.11)	1.25 (4.40)	1.02 (3.59)	1.02 (3.59)	1.42 (5.00)	1.79 (6.30)	0.92 (3.23)					

Maximum rated pressure (MRP) is 500 psig (34 bar).  
Coils are available with Top Spade, DIN, and Leads only.  
EL3 Series with mounting holes are NOT standard.



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## **FOR USE ON AIR CONDITIONING and REFRIGERATION SYSTEMS ONLY**

