

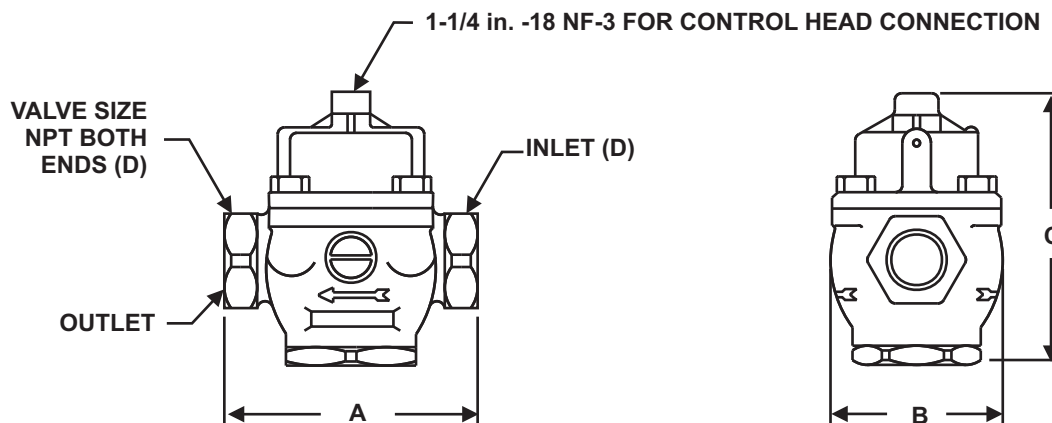
# Kidde Fire Systems HPCO2 Component Description



## Stop (Directional) Valves, 1/2-inch thru 2-inch

Effective: April 2022  
K-81-5130 Rev AE

P/N: See Table 1 Below



### Notes:

- Valve must be installed with arrow pointing in direction of flow.
- Valve may be installed in horizontal or vertical pipe run.

### MATERIALS

- Body: Brass

### SPECIFICATIONS

- Minimum Operating Pressure Ratings: 60-psig
- Hydrostatic Test Pressure Ratings: 2250-psig
- Burst Test Pressure Ratings: 6000-psig

Table 1:

Part Number	Valve Size	Pipe Thread "D"	"A"		"B"		"C"		Weight	
			in.	mm	in.	mm	in.	mm	lb.	kg
81-870023-000	1/2 in.	1/2 in. - 14 NPT	3.75	95	2.50	64	4.68	119	4	1.81
81-870022-000	3/4 in.	3/4 in. - 14 NPT	4.25	108	2.81	71	5.68	144	5	2.27
81-870122-000	1 in.	1 in. - 11.5 NPT	5.50	140	3.62	92	6.87	175	13	5.90
81-870032-000	1-1/4 in.	1-1/4 in. - 11.5 NPT	5.50	140	3.62	92	6.87	175	13	5.90
81-870123-000	1-1/2 in.	1-1/2 in. - 11.5 NPT	7.50	191	4.75	121	8.43	214	32	14.57
81-870049-000	2 in.	2 in. - 11.5 NPT	7.50	191	4.75	121	8.43	214	31	14.06

### EXPORT INFORMATION (USA)

Jurisdiction: EAR  
Classification: EAR99  
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