



SPORLAN

Reference Guide

Product Items Numbers and Descriptions



ENGINEERING YOUR SUCCESS.

Electric Valves

ELECTRIC PRESSURE REGULATING VALVES - CDS SERIES

Sporlan's **CDS Valves** are stepper motor actuated electric valves intended for use in direct expansion refrigeration and air conditioning applications. CDS valves are suited for a wide range of suction, liquid and discharge line applications due to their broad fluid temperature range. These applications include Electric Evaporator Pressure Regulator, Receiver Pressurization and Condenser Holdback for low ambient control. These valves are approved for use with HCFC, HFC, HFO and HC refrigerants and Mineral, Alkylbenzene and Polyolester Oils.



CDS ELECTRIC PRESSURE REGULATING VALVE NOMENCLATURE EXAMPLE

CDS	T	-	9	7	ODF	M12	10'	-	S
Valve Family	Inlet Pressure Tap		Valve Model	Inlet x Outlet Connection in 1/8"	ODF Solder	Cable Type	Cable Length		Stripped and Tinned Cable Ends

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
CDST-2 4 ODF M12 20'-S	805594	Bulletin 100-40	CDST-9 70DF 40'-S	940101	Bulletin 100-40
CDST-2 5 ODF M12 20'-S	805595	Bulletin 100-40	CDST-9 90DF 10'-S	940067	Bulletin 100-40
CDST-2 7 ODF M12 20'-S	805596	Bulletin 100-40	CDST-9 90DF 20'-S	940081	Bulletin 100-40
CDST-4 4 ODF M12 20'-S	805597	Bulletin 100-40	CDST-9 90DF 40'-S	940107	Bulletin 100-40
CDST-4 5 ODF M12 20'-S	805598	Bulletin 100-40	CDST-9 110DF 10'-S	940068	Bulletin 100-40
CDST-4 7 ODF M12 20'-S	805599	Bulletin 100-40	CDST-9 110DF 20'-S	940082	Bulletin 100-40
CDST-7 5 ODF M12 20-S	805608	Bulletin 100-40	CDST-9 110DF 40'-S	940103	Bulletin 100-40
CDST-7 7 ODF M12 20-S	805609	Bulletin 100-40	CDST-17 110DF 10'-S	940078	Bulletin 100-40
CDST-7 9 ODF M12 20'-S	805615	Bulletin 100-40	CDST-17 110DF 20'-S	940090	Bulletin 100-40
CDST-7 11 ODF M12 20'-S	805618	Bulletin 100-40	CDST-17 110DF 40'-S	940100	Bulletin 100-40
CDST-9 50DF 10'-S	940095	Bulletin 100-40	CDST-17 130DF 10'-S	940069	Bulletin 100-40
CDST-9 50DF 20'-S	940089	Bulletin 100-40	CDST-17 130DF 20'-S	940083	Bulletin 100-40
CDST-9 50DF 40'-S	940102	Bulletin 100-40	CDST-17 130DF 40'-S	940105	Bulletin 100-40
CDST-9 70DF 10'-S	940077	Bulletin 100-40	CDST-17 170DF 10'-S	940087	Bulletin 100-40
CDST-9 70DF 20'-S	940080	Bulletin 100-40	CDST-17 170DF 20'-S	940091	Bulletin 100-40
CDST-9 70DF 30'-S	940086	Bulletin 100-40	CDST-17 170DF 40'-S	940098	Bulletin 100-40

GAS COOLER / FLASH GAS BYPASS VALVES FOR TRANSCRITICAL CO₂

Sporlan **Gas Cooler (GC) and Flash Gas Bypass (FGB) Valves** are stepper motor driven pressure regulating valves designed to maintain gas cooler and flash tank system pressures for superior control and operation. The bodies are stainless steel and the motor housings are brass. They are designed for transcritical CO₂ refrigeration applications. Each is factory tested to ensure positive leak-free performance.



GAS COOLER / FLASH GAS BYPASS VALVE NOMENCLATURE EXAMPLE

GC	-	20	1/2"	LC
Valve Family GC = Gas Cooler FGB = Flash Gas Bypass		Valve Model	Inlet x Outlet Connection	Less Cable

DESCRIPTION	ITEM #	BULLETIN	DESCRIPTION	ITEM #	BULLETIN
FGB-60 1" LESS CABLE	953376	Bulletin 100-80	GC-30 3/4" LESS CABLE	953372	Bulletin 100-80
FGB-70 1" LESS CABLE	953377	Bulletin 100-80	GC-30 1" LESS CABLE	953373	Bulletin 100-80
GC-10 1/2" LESS CABLE	953370	Bulletin 100-80	GC-40 1" LESS CABLE	953374	Bulletin 100-80
GC-20 1/2" LESS CABLE	953371	Bulletin 100-80	GC-50 1" LESS CABLE	953375	Bulletin 100-80