

# REFRIGERANT DISTRIBUTORS & AUXILIARY SIDE CONNECTORS



**1126**



**1651**

Side Connection distributors for heat pump, hot gas defrost, and hot gas bypass systems.



**ASC**

(Auxiliary Side Connectors) for hot gas defrost, hot gas bypass and heat pump systems.

U.S. Patent No. 3,563,055

The Sporlan Distributor is an efficient refrigerant distributing device that assures uniform feeding of refrigerant to all passes of a multi-circuited evaporator. It can be used with any conventional externally equalized thermostatic expansion valve.

Auxiliary Side Connectors (ASC) permit the conversion of conventional Sporlan refrigerant distributors to hot gas bypass, hot gas defrost or heat pump service. Sporlan's distributors and auxiliary side connectors are suitable for use with R-410A.

## Refrigerant Distributors

CONNECTION SIZE	TEV MODEL	DISTRIBUTOR TYPE	MAXIMUM NUMBER of CIRCUITS				NOZZLE TYPE	MATERIAL
			3/16	1/4	5/16	3/8		
1/2 SAE	BQ, Q, R, RC	1603	6	4	—	—	PERM.	#360 Brass
		1606	9	6	4	—	PERM.	
		1605	6	4	—	—	L	
		1608	9	6	4	—	L	
1/2 ODM	EBQ, EQ, R, RC, S, SBQ, SQ	D260	6	4	—	—	L	
		D262	9	7	4	—	L	
5/8 ODM	EQ, R, RC, S	1620	6	4	—	—	J	
		1622	9	7	4	—	J	
7/8 ODM	EBQ, EBS, EQ, O, S	1112	7	6	4	2	G	
		1113	12	8	6	4	G	
1-1/8 ODM	EBS, O, S	1115	15	10	9	6	E	
		1116	20	15	—	—	E	
1-3/8 ODM	EBS, O, W	1117	18	15	9	7	C	
		1126	24	18	15	12	C	
		1128	28	25	21	16	C	
1-5/8 ODM	O, W	1125	28	24	20	16	A	
		1127	37	30	26	20	A	
		1143	40	36	30	24	A	
Type H Valve	H	1109	10	8	6	4	G	
		1124	30	23	18	15	E	
		1192	11	10	6	6	G	
Type M/V Valve	M, V	1121	34	24	20	16	C	
		1193	26	21	18	16	C	

## Side Connection Distributors

CONNECTION SIZE	TEV MODEL	DISTRIBUTOR TYPE	MAXIMUM NUMBER of CIRCUITS				NOZZLE TYPE	SIDE CONNECTION	MATERIAL
			3/16	1/4	5/16	3/8			
1/2 SAE	BQ, Q, R, RC	1650 (R)	7	5	—	—	PERM.	3/8 or 1/2 ODF	#360 Brass
5/8 ODM	EBQ, EQ, R, RC, S, SBQ	1651 (R)	7	5	—	—	J (R)	3/8 or 1/2 ODF	
7/8 ODM	EBQ, EBS, EQ, O, S	1653 (R)	12	9	6	4	G (R)		
1-1/8 ODM	EBS, O, S	1655 (R)	20	12	10	7	E (R)	1/2 or 5/8 ODF	
1-3/8 ODM	EBS, O, W	1657 (R)	26	18	14	11	C (R)	5/8 or 7/8 ODF	
1-5/8 ODM	O, W	1659 (R)	32	24	18	14	A (R)	7/8 or 1-1/8 ODF	

## Auxiliary Side Connectors

TYPE	CONNECTION SIZES – Inches			NOZZLE SIZE	USED with DISTRIBUTOR TYPE
	INLET ODM SOLDER	OUTLET ODF SOLDER	AUXILIARY ODF SOLDER		
ASC-5-4	5/8	5/8	1/2	J	1620, 1622
ASC-7-4	7/8	7/8	1/2	G	1112, 1113
ASC-9-5	1-1/8	1-1/8	5/8	E	1115, 1116
ASC-11-7	1-3/8	1-3/8	7/8	C	1117, 1126, 1128
ASC-13-9	1-5/8	1-5/8	1-1/8	A	1125, 1127, 1143

## Nomenclature/Ordering Instructions

To order a 1126 distributor with 16 – 1/4" circuits and number 15 nozzle use the following nomenclature:

