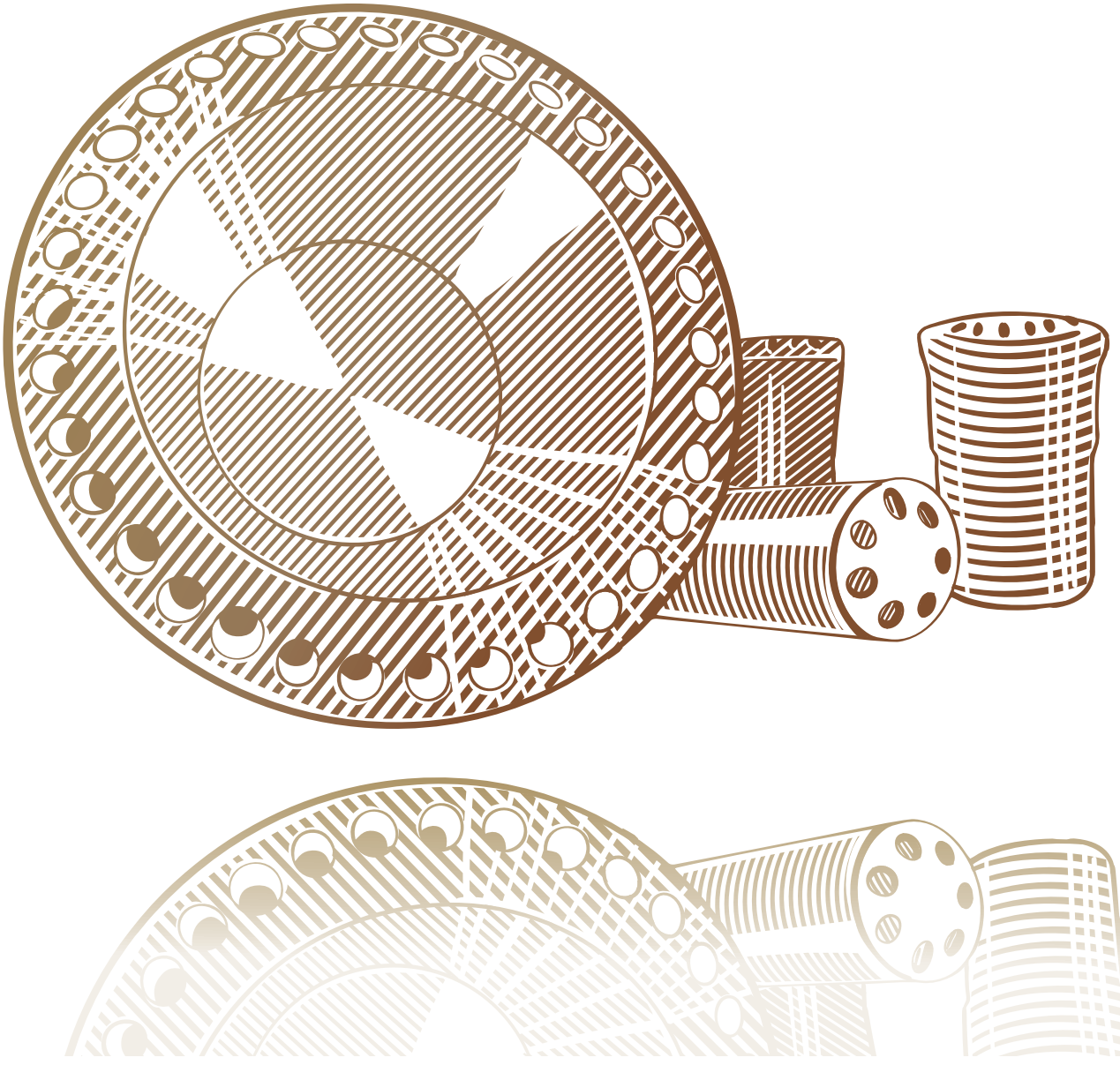
SKMSAĞLAM
REFRIGERATION COMPONENTS
Professional Production

REFRIGERANT DISTRIBUTORS





Contents

About Us — / 2

Nozzle-Type Distributors

Nozzle-Type Distributor Dimensions — / 8

Flare-Type Distributor With Nozzles Dimensions — / 10

Nozzle Capacity Table — / 12

Distributor Tube Circuit Capacity Table — / 13

Pressure Drop Vs. Distributor Loading — / 14

Venturi Low Pressure Drop Distributors

Venturi Low Pressure Drop Distributors Dimensions / 18

Flare-Type Venturi Low Distributors Dimensions — / 22

Venturi Capacity Table — / 24



SKM SAGLAM Refrigeration Components has been rendering service since 1985 in pressure vessels for refrigeration systems, thermoplastic capillary hoses and fittings, refrigerant distributor, fittings and refrigeration manometers.

ABOUT US

We keep the satisfaction of our customers at the highest level by producing our products, which are manufactured with our state-of-the-art machinery, at the highest quality and delivering them on time.

We obtained CE certification document so that the parts produced in our company are produced in accordance with World Quality standards and we submit our products to Europe and all World countries.

Our Company is managed with ISO 9001-2015 quality management system, it is a Turkish company which meets all the demands of our customers, does not compromise on Quality,leader in its sector, pays great attention to honesty and after-sale service, plans the time well in parallel with demand and expectations of the customers and which is always developed by providig a fast production flow system and renews itself.

SKMSAĞLAM | Professional Production
REFRIGERATION COMPONENTS

SETTING STANDARDS OF QUALITY



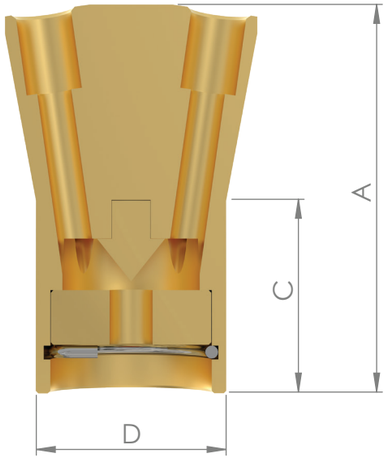
Nozzle-Type Distributors

Nozzle type distributors contain three components: a body, an interchangeable orifice, and an orifice retaining ring. The primary advantage of Nozzle type distributors is flexibility. The interchangeable orifice enables the distributor to be sized to different applications. Variables such as load, range, evaporator temperature, and different refrigerants can be addressed by simply changing the orifice without using another body.

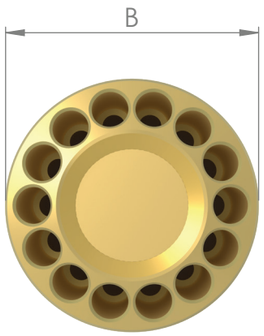
Nozzle-Type Distributors



Nozzle-Type Distributor Dimensions







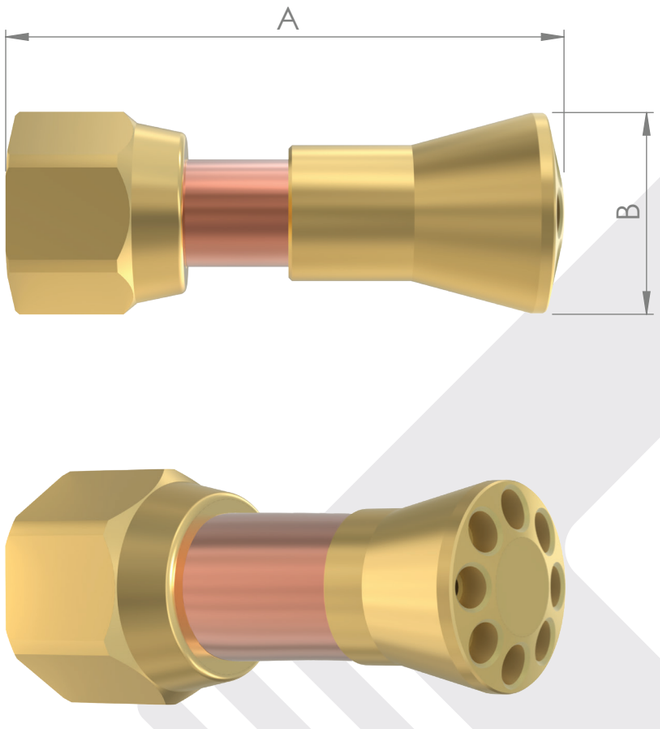
Technical Informations

CODE	Max. No of Circuits	Nozzle Numbers available	Nozzle Size	A	B	C	D
1201	5/32 - 2 to 6 3/16 - 2 to 6 1/4 - 2 to 4	6 (Fixed Size)	-	1.18	0.81	.498 to .500	0.50
1202	5/32 - 7 to 10 3/16 - 7 to 8 1/4 - 5 to 6	6 (Fixed Size)	-	1.56	1.00	.498 to .500	0.50
1203	5/32 - 11 to 12 3/16 - 9 to 12 1/4 - 7 to 12	6 (Fixed Size)	-	1.75	1.19	.498 to .500	0.45
1501	5/32 - 2 to 7 3/16 - 2 to 6 1/4 - 2 to 4	10 (Max)	J	1.19	0.82	.623 to .625	0.63
1502	5/32 - 7 to 10 3/16 - 5 to 8 1/4 - 5 to 6 5/16 - 2 to 4	10 (Max)	J	1.63	1.00	.623 to .625	0.63
1511	5/32 - 11 to 14 3/16 - 9 to 12 1/4 - 7 to 8 5/16 - 5 to 6 3/8 - 2 to 4	8	L	1.76	1.16	.623 to .625	0.63
1521	3/16 - 13 to 15 1/4 - 7 to 10 5/16 - 7 to 8	10 (Max)	J	2.00	1.50	.623 to .625	0.63
2201	5/32 - 6 to 8 3/16 - 5 to 7 1/4 - 4 to 6 5/16 - 2 to 4 3/8 - 2	50 (Max)	G	1.72	0.91	.872 to .875	1.00
2202	5/32 - 9 to 14 3/16 - 8 to 12 1/4 - 7 to 8 5/16 - 5 to 6 3/8 - 3 to 4	50 (Max)	G	1.80	1.16	.872 to .875	0.90
2203	3/16 - 13 to 16 1/4 - 9 to 12 5/16 - 7 to 9	50 (Max)	G	2.13	1.63	.872 to .875	0.90
2801	5/32 - 13 to 19 3/16 - 11 to 15 1/4 - 9 to 10 5/16 - 7 to 8	50 (Max)	E	2.44	1.50	1.123 to 1.125	1.13
2802	5/32 - 20 3/16 - 16 to 18 1/4 - 11 to 14 5/16 - 9 3/8 - 5 to 7	50 (Max)	E	2.44	1.75	1.123 to 1.125	1.13
3501	3/16 - 16 to 18 1/4 - 11 to 14 5/16 - 7 to 9 3/8 - 5 to 7	50 (Max)	C	2.57	1.75	1.373 to 1.375	1.26
3502	3/16 - 19 to 24 1/4 - 15 to 18 5/16 - 10 to 15 3/8 - 8 to 12	50 (Max)	C	2.82	2.32	1.373 to 1.375	1.13
3503	3/16 - 25 to 28 1/4 - 19 to 24 5/16 - 16 to 20 3/8 - 13 to 16	50 (Max)	C	3.07	3.00	1.373 to 1.375	1.38
4201	3/16 - 25 to 28 1/4 - 19 to 24 5/16 - 16 to 20 3/8 - 13 to 16	50 (Max)	A	3.07	3.00	1.623 to 1.625	1.38
4202	3/16 - 29 to 37 1/4 - 25 to 30 5/16 - 21 to 26 3/8 - 17 to 20	50 (Max)	A	3.32	3.50	1.623 to 1.625	1.29
4203	3/16 - 38 to 40 1/4 - 31 to 34 5/16 - 27 to 30 3/8 - 21 to 24	50 (Max)	A	3.67	4.00	1.623 to 1.625	1.44

NOZZLETYPE

Nozzle-Type Distributor Flare-Type Distributor With Nozzles

CODE	Max. No of Circuits	Nozzle Numbers Available	Nozzle Size	A	B	Expansion Valve Outlet Connection
1211-FT	5/32 - 2 to 7 3/16 - 2 to 6 1/4 - 2 to 4	4	-	2.13	0.82	1/2 SAE Male Flare
1221-FT	5/32 - 2 to 7 3/16 - 2 to 6 1/4 - 2 to 4	8	L	2.50	0.82	1/2 SAE Male Flare
1231-FT	5/32 - 8 to 10 3/16 - 7 to 8 1/4 - 5 to 6 5/16 - 2 to 4	6	-	2.50	1.00	1/2 SAE Male Flare
1241-FT	5/32 - 8 to 10 3/16 - 7 to 8 1/4 - 5 to 6 5/16 - 2 to 4	8	L	2.94	1.00	1/2 SAE Male Flare
1511-FT	5/32 - 2 to 10 3/16 - 2 to 8 1/4 - 2 to 6	10	J	3.10	1.40	5/8 SAE Male Flare







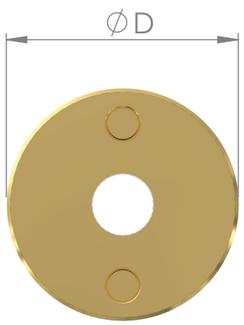
Nozzle-Type Distributor Nozzle Capacity Table - Tons Of Refrigerant

TONS OF REFRIGERATION																				
Nozzle Orifice Number	R-134A Evaporator Temperature (°F)				R-22 Evaporator Temperature (°F)					R-404A / R-502 / R-507 Evaporator Temperature (°F)					R-410A Evaporator Temperature (°F)				
	40°	20°	0°	-20°	40°	20°	0°	-20°	40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
1/2	0.36	0.27	0.21	0.17	0.61	0.48	0.38	0.32	0.27	0.41	0.31	0.24	0.19	0.16	0.73	0.57	0.46	0.37	O.31
3/4	0.54	0.41	0.32	0.26	0.92	0.72	0.58	0.48	0.41	0.62	0.47	0.37	0.29	0.24	1.1	0.86	0.69	0.57	0.47
1	0.72	0.54	0.43	0.35	1.23	0.96	0.78	0.64	0.55	0.83	0.63	0.49	0.39	0.32	1.47	1.15	0.92	0.76	0.64
1-1/2	1.05	0.79	0.63	0.51	1.79	1.40	1.13	0.94	0.80	1.2	0.92	0.71	0.57	0.46	2.14	1.67	1.34	1.1	0.92
2	1.44	1.09	0.86	0.70	2.46	1.92	1.55	1.29	1.10	1.65	1.26	0.98	0.78	0.64	2.93	2.3	1.84	1.51	1.27
2-1/2	1.79	1.35	1.07	0.88	3.06	2.39	1.93	1.60	1.37	2.06	1.57	1.22	0.97	0.79	3.66	2.86	2.3	1.88	1.58
3	2.15	1.63	1.28	1.05	3.68	2.87	2.32	1.93	1.65	2.47	1.88	1.47	1.17	0.95	4.39	3.44	2.76	2.26	1.9
4	2.88	2.18	1.72	1.41	4.92	3.84	3.10	2.58	2.20	3.31	2.52	1.96	1.56	1.27	5.88	4.6	3.69	3.02	2.54
5	3.55	2.68	2.12	1.73	6.07	4.74	3.83	3.18	2.72	4.08	3.11	2.42	1.93	1.57	7.25	5.67	4.55	3.73	3.13
6	4.26	3.22	2.54	2.08	7.28	5.68	4.59	3.81	3.26	4.89	3.72	2.91	2.31	1.88	8.69	6.8	5.45	4.47	3.76
8	5.13	3.88	3.06	2.51	8.77	6.84	5.52	4.59	3.93	5.89	4.49	3.5	2.79	2.27	10.5	8.19	6.57	5.39	4.53
10	5.75	4.35	3.43	2.81	9.83	7.67	6.19	5.15	4.40	6.6	5.03	3.92	3.12	2.54	11.7	9.18	7.36	6.04	5.07
12	7.10	5.37	4.24	3.47	12.10	9.47	7.65	6.35	5.43	8.16	6.21	4.84	3.86	3.14	14.5	11.3	9.09	7.46	6.26
15	8.81	6.65	5.25	4.30	15.10	11.70	9.48	7.88	6.74	10.1	7.7	6.01	4.78	3.89	18	14.1	11.3	9.25	7.77
17	9.85	7.44	5.87	4.81	16.80	13.10	10.60	8.81	7.54	11.3	8.61	6.72	5.35	4.35	20.1	15.7	12.6	10.3	8.69
20	11.90	8.97	7.08	5.80	20.30	15.80	12.80	10.60	9.08	13.6	10.4	8.1	6.45	5.24	24.2	19	15.2	12.5	10.5
25	14.90	11.30	8.90	7.30	25.90	19.90	16.10	13.40	11.40	17.1	13.1	10.2	8.11	6.6	30.5	23.8	19.1	15.7	13.2
30	17.10	12.90	10.20	8.33	29.20	22.80	18.40	15.30	13.10	19.6	14.9	11.6	9.27	7.54	34.8	27.2	21.8	17.9	15
35	20.50	15.50	12.20	10.00	35.10	27.40	22.10	18.40	15.70	23.6	17.9	14	11.1	9.07	41.9	32.8	26.3	21.5	18.1
40	23.00	17.40	13.70	11.20	39.30	30.70	24.80	20.60	17.60	26.4	20.1	15.7	12.5	10.2	47	36.8	29.5	24.2	20.3
50	29.90	22.50	17.80	14.60	51.00	39.80	32.10	26.70	22.80	34.3	26.1	20.4	16.2	13.2	60.9	47.7	38.2	31.3	26.3

Nozzles & Retainer Rings Nozzles and rings may be ordered separately. Information required for nozzles is the outside size of the nozzle, which is designated by a letter, and a number which etermines the orifice size.

Rings may be ordered with a letter corresponding to the nozzle. For example, "C" ring would go with a distributor body that takes an "C" nozzle.

Nozzle Dimensions		
	ØD	t
L	0.401	0.187
J	0.498	0.250
G	0.735	0.250
E	1.000	0.250
C	1.120	0.250
A	1.375	0.250







Nozzle-Type Distributor Distributor Tube Circuit Capacity Table

TONS OF REFRIGERATION																				
Tube Size inches O.D.	R-12 / R-134A Evaporator Temperature (°F)					R-22 Evaporator Temperature (°F)					R-404A / R-502 / R-507 Evaporator Temperature (°F)					R-410A Evaporator Temperature (°F)				
	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
5/32	0.19	0.14	0.11	0.09	0.06	0.26	0.21	0.16	0.12	0.09	0.18	0.13	0.10	0.07	0.05	-	-	-	-	-
3/16	0.40	0.30	0.23	0.17	0.13	0.53	0.44	0.33	0.24	0.20	0.37	0.28	0.22	0.15	0.12	0.42	0.31	0.23	0.18	0.14
1/4	0.80	0.60	0.45	0.33	0.25	1.10	0.89	0.67	0.49	0.39	0.73	0.58	0.43	0.31	0.23	1.21	0.90	0.68	0.52	0.40
5/16	1.60	1.20	0.90	0.66	0.50	2.20	1.70	1.30	0.98	0.79	1.50	1.10	0.83	0.62	0.46	2.46	1.83	1.39	1.06	0.81
3/8	2.80	2.10	1.60	1.20	0.88	3.70	2.90	2.20	1.70	1.40	2.50	2.00	1.50	1.10	0.80	4.44	3.32	2.51	1.91	1.47

Refrigerants at various evaporator temperatures - Tons of Refrigeration
Capacity per circuit at 10 psi pressure drop. See Distributor Loading vs. Pressure Drop table on page 14 for pressure drop at 50% to 200% of this rating.

Liquid Temperature And Circuit Tube Length Correction Factors

*Correction Factors for Other Liquid Temperatures for Nozzle and Tubes								
Liquid Temperature	50°	60°	70°	80°	90°	100°	110°	120°
Correction Factor	2.10	1.83	1.59	1.37	1.17	1.00	0.85	0.72

Correction Factors for Other Distributor Tube Lengths											
Tube Length – Inches	12	18	24	30	36	42	48	54	60	66	72
Correction Factor	1.36	1.16	1.07	1.00	0.95	0.90	0.86	0.82	0.79	0.76	0.73

**100 °F liquid entering thermostatic expansion valve.*

NOZZLETYPE

Nozzle-type Distributor Nozzle Type Distributors

Pressure Drop Vs. Distributor Loading

PRESSURE DROP VS. DISTRIBUTOR LOADING						
Actualloadasa%of published rating (corrected for liquid temperature and/or tube length if necessary)	REFRIGERANT					
	R-134a / R-12		R-22 / R-404A / R-502 / R-507		R-410A	
	ΔP Nozzle (psi)	ΔP Tubes and Passages (psi)	ΔP Nozzle (psi)	ΔP Tubes and Passages (psi)	ΔP Nozzle (psi)	ΔP Tubes and Passages (psi)
50	4	3	7	3	12	3
60	6	4	10	4	17	4
70	8	5	13	5	21	6
80	10	6	16	6	26	7
90	12	8	20	8	30	9
100	15	10	25	10	35	10
110	18	12	30	12	40	12
120	20	14	35	14	44	13
130	22	16	38	16	49	15
140	24	18	40	18	53	16
150	27	21	43	21	58	18
160	29	23	46	24	62	20
170	31	25	49	27	67	21
180	33	27	52	30	71	23
190	36	29	54	32	76	25
200	38	31	57	34	80	26





Venturi Low Pressure Drop Distributors

Venturi distributors are one-piece units that utilize a permanent converging/diverging venturi to evenly apportion refrigerant. Venturi distributors offer low pressure drop and can operate within a range of 50% to 200% of nominal capacity.

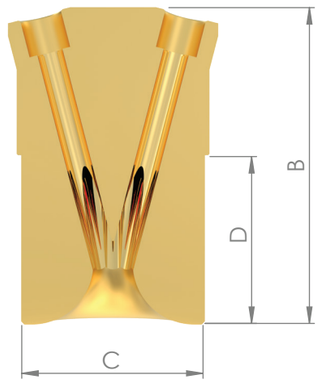
-Greater efficiency provides lower cost operation
-Low pressure drop enables more accurate sizing of Thermo Expansion Valve, may mean savings in valve size and cost
-Ready-to-use construction saves time, and ensures easy installation
-Non-position sensitive distributor allows for easy mounting to existing equipment

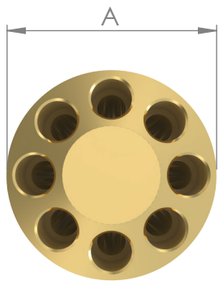
Venturi Low Pressure Drop



Venturi Low Pressure Drop Distributors Dimensions







CODE	A	B	C +.00/-.005	D
3-3-2	0.82	1.24	0.38	0.40
3-3-3				
3-3-4				
3-3-5				
3-3-6				
3-3-8	1.00	1.38		0.38
3-4-2	0.82	1.24		0.40
3-4-3				
3-4-4				
3-4-6				
4-2.5-2	0.50	0.71	0.50	-
4-2.5-3				
4-2.5-4	0.63	0.91		0.50
4-2.5-5				
4-2.5-6	0.69	1.02		
4-2.5-8	0.80	1.26		
4-2.5-9	0.97	1.53		
4-3-2	0.63	0.81		
4-3-3				
4-3-4	0.66	0.91		
4-3-5	0.75	1.05		
4-3-6	0.82	1.20		
4-3-7	0.88	1.36		
4-3-8	0.97	1.53		
4-3-9	1.00	1.63		
4-3-10	1.10	1.56		
4-3-12	1.25	2.03		
4-4-2	0.83	1.11		0.40
4-4-3				
4-4-4				
4-4-5	1.00	1.56		0.44
4-4-6				
4-4-7	1.25	1.78		0.50
4-4-8				
5-2.5-2	0.63	0.96	0.63	-
5-2.5-3				
5-2.5-4				
5-2.5-5	0.69	1.09		0.63
5-2.5-6				
5-2.5-7	0.84	1.41		
5-2.5-8				
5-2.5-9				
5-2.5-10	0.90	1.50		
5-3-2	0.63	0.89		-
5-3-3				
5-3-4	0.82	1.24		0.63
5-3-5				
5-3-6				
5-3-7	0.94	1.44		
5-3-8				
5-3-9				
5-3-10	1.25	2.03		
5-3-11				
5-3-12				

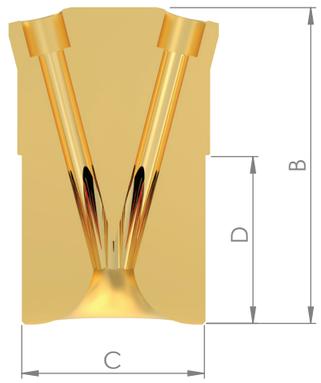
EXAMPLE FOR VENDOR PART NO

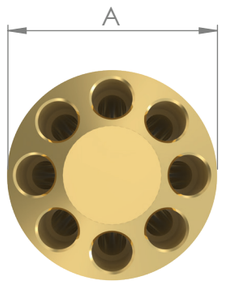


Venturi Low Pressure Drop Distributors Dimensions

CODE	A	B	C +.00/-.005	D
5-4-2	0.82	1.21	0.63	0.63
5-4-3				
5-4-4				
5-4-5	1.00	1.50		
5-4-6				
5-4-8	1.25	1.88		
5-4-9	1.28	2.03		
5-4-10	1.42	2.52		
5-5-2	0.88	1.17		0.57
5-5-3	1.00	1.50		0.63
5-5-4				
5-6-2	1.13	1.74		0.63
7-2.5-10	1.13	1.81	0.88	0.88
7-2.5-11				
7-2.5-12				
7-2.5-13	1.27	2.22		
7-2.5-14				
7-2.5-15				
7-2.5-16				
7-2.5-18	1.16	2.57		
7-2.5-20				
7-2.5-24				
7-3-5	0.89	1.50	0.88	0.88
7-3-6				
7-3-7	1.00	1.66		
7-3-8				
7-3-9				
7-3-10	1.24	2.10		
7-3-11				
7-3-12				
7-3-13	1.63	2.73		
7-3-14				
7-3-15				
7-3-16	1.61	2.72		
7-3-17				
7-3-18	2.11	3.65		
7-3-19				
7-3-20				
7-3-24				
7-4-2	0.89	1.33		
7-4-3				
7-4-4				
7-4-5	1.04	1.58		
7-4-6				
7-4-7	1.19	1.82		
7-4-8				





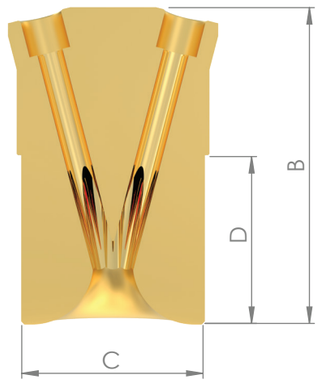


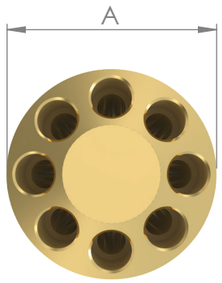
EXAMPLE FOR VENDOR PART NO



Venturi Low Pressure Drop Distributors Dimensions







EXAMPLE FOR VENDOR PART NO

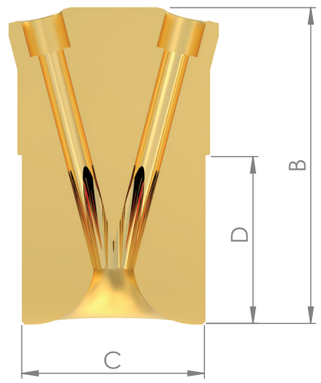


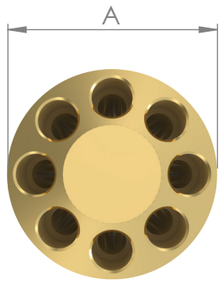
CODE	A	B	C +.00/-.005	D
7-4-9	1.42	2.25	0.88	0.88
7-4-10				
7-4-11	1.70	2.70		
7-4-12				
7-4-13				
7-4-14	1.80	2.70		
7-4-15	2.19	3.55		
7-4-16				
7-4-17				
7-4-18				
7-4-19	2.32	3.380		
7-4-20				
7-4-21	2.71	3.82		
7-4-22				
7-4-23				
7-4-24				
7-5-2	0.90	1.29		
7-5-3	1.07	1.55		
7-5-4				
7-5-5	1.25	1.93		
7-5-6				
7-6-2	1.25	1.93		
7-6-3				
7-6-4				
9-3-8	1.19	2.05	1.13	1.04
9-3-9				
9-3-10	1.24	2.10		
9-3-11				
9-3-12				
9-3-13	1.68	2.88		
9-3-14				
9-3-15				
9-3-16				
9-3-17				
9-3-18				
9-3-19	2.12	3.69		
9-3-20				
9-3-21				
9-3-22				
9-3-23				
9-3-24				
9-4-6	1.13	1.88		-
9-4-7	1.29	1.94		1.04
9-4-8				
9-4-9	1.29	2.08		
9-4-10	1.38	2.21		
9-4-11	1.57	2.51		
9-4-12				
9-4-13	2.00	3.21		
9-4-14	1.98			
9-4-15				
9-4-16				
9-5-5	1.25	1.78		
9-5-6				

Venturi Low Pressure Drop Distributors Dimensions

CODE	A	B	C +.00/-.005	D
9-5-7	1.44	2.11	1.13	1.04
9-5-8				
9-6-5	1.46	2.11	1.38	1.16
9-6-6				
11-4-8	1.42	2.33		
11-4-9				
11-4-10				
11-4-11	1.50	2.46		
11-4-12	1.69	2.78		
11-4-13				
11-4-14	1.18	3.00		
11-4-15	1.88	3.12		
11-4-16	2.00	3.30		
11-4-17	2.18	3.60		
11-4-18				
11-4-19	2.32	4.02		
11-4-20				
11-4-21	2.71	4.14		
11-4-22				
11-4-23				
11-4-24				
11-5-6	1.49	2.22		
11-5-7				
11-5-8				
11-5-9	1.94	3.04		
11-5-10				
11-5-11				
11-5-12				
11-5-13	2.32	3.65		
11-5-14				
11-5-15				
11-6-6	1.49	2.24		
11-6-7	1.89	2.67		
11-6-8				
11-6-10	2.30	3.24		
11-6-12				
11-8-3	1.47	2.16		
11-8-4	1.07	2.69		
11-8-5				
11-8-6	2.07	2.70		
11-8-7				
13-5-16	2.75	4.50	1.63	1.280
13-5-17				
13-5-18	2.84	4.86		
13-5-19				
13-5-20				
13-5-21	3.00	4.28		
13-5-22				
13-6-13	2.05	5.78		
13-8-8	2.25	3.14		
13-8-10	2.60	3.77		
13-8-13	3.13	4.75		







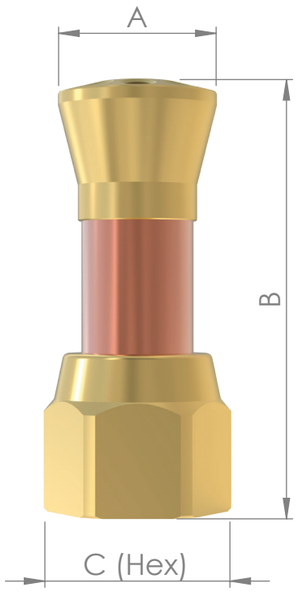
EXAMPLE FOR VENDOR PART NO



VENTURI

Flare-Type Venturi Low Distributors Dimensions





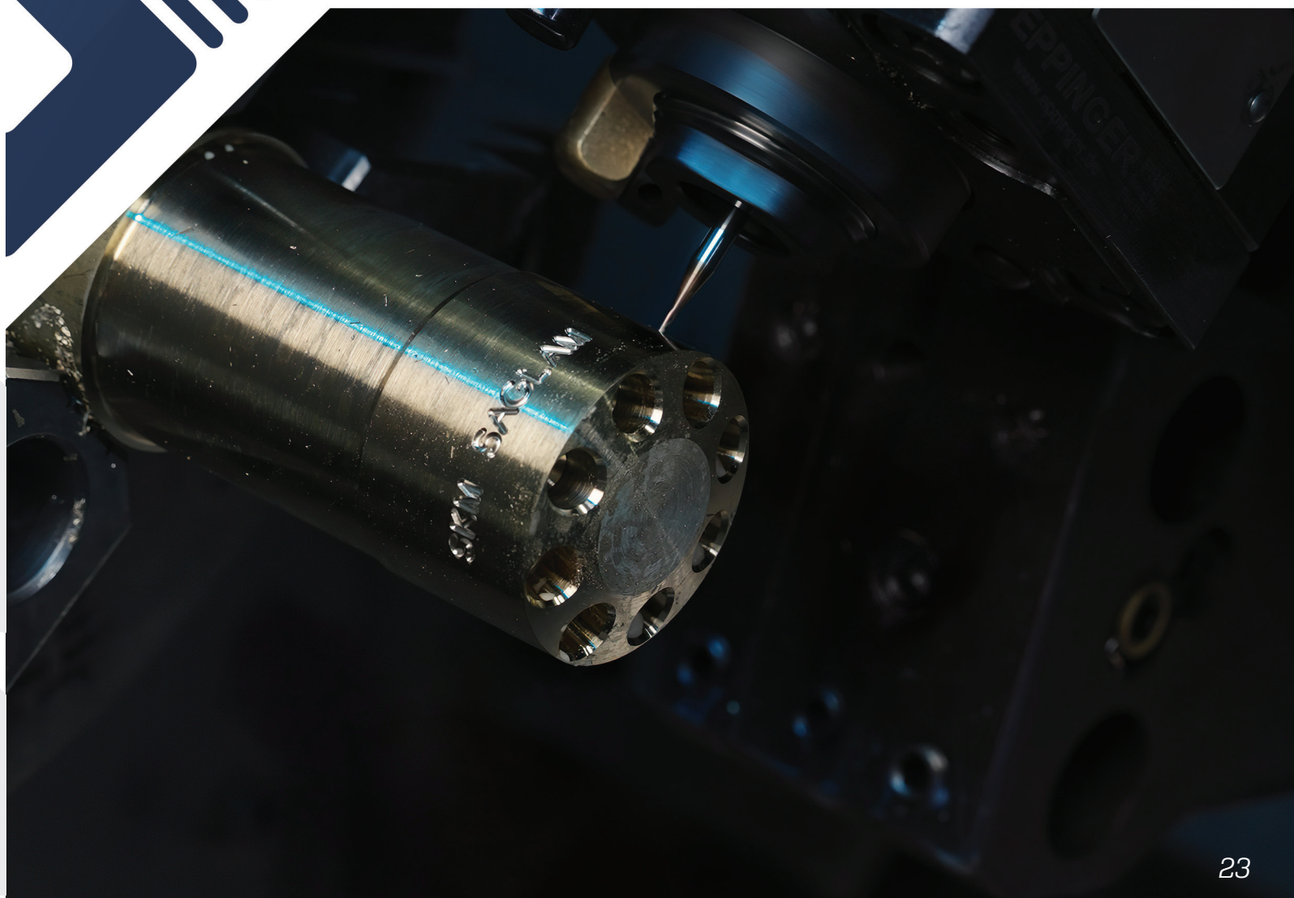
CODE	A (Dia)	B	C (Hex)	Outlet Size
FT3-3-3	0.83	2.20	7/8	3/16
FT3-3-4				
FT3-3-5				
FT3-3-6				
FT4-2.5-2	0.50	1.89	1	5/32
FT4-2.5-4	0.63	2.20		
FT4-2.5-5				
FT4-2.5-6	0.63	2.85		
FT4-2.5-8	0.87	2.85		
FT4-3-2	0.63	2		3/16
FT4-3-3				
FT4-3-4	0.82	2.38		
FT4-3-5				
FT4-3-6				
FT4-3-8	0.97	2.75		
FT4-4-2	0.79	2.15		1/4
FT4-4-3	0.87	2.40		
FT4-4-4				
FT4-4-5	1	2.75		
FT4-4-6				
FT4-5-2	0.90	2.45		5/16
FT4-5-3	1.02	2.74		
FT4-6-2	1.02	2.65		3/8
FT5-2.5-4	0.69	2.36	1-1/8	5/32
FT5-2.5-6				
FT5-2.5-8	0.84	2.54		
FT5-2.5-9	0.84	2.67		
FT5-2.5-12	1.26	3.32		
FT5-2.5-13				
FT5-2.5-14				
FT5-3-6	0.83	2.46		3/16
FT5-3-8	0.94	2.66		
FT5-3-9	1	2.85		
FT5-3-10	1.25	3.12		
FT5-3-12	0.83	2.43		1/4
FT5-4-2				
FT5-4-3				
FT5-4-4	1.02	2.72		
FT5-4-5				
FT5-4-6	0.88	2.79		5/16
FT5-5-2				
FT5-5-3	1.02	2.72		

EXAMPLE FOR VENDOR PART NO



SKMSAGLAM Professional Production
REFRIGERATION COMPONENTS

SETTING STANDARDS OF QUALITY



Venturi Low Pressure Drop Distributors Capacity Table

Venturi Low Pressure Drop Distributors Capacity Table

5/16" Odf Venturi Capacity Tons Of Refrigeration

REFRIGERANT																
Product Code	Outlets	TONS - R-22					TONS - R-134A					TONS - R-404A / R-502 / R-507				
		40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
4-2.5-2 5-2.5-2	2	0.88	0.60	0.40	0.26	0.18	0.60	0.409	0.263	0.169	0.120	0.45	0.31	0.19	0.12	0.09
4-2.5-3 5-2.5-3	3	1.32	0.90	0.60	0.39	0.27	0.90	0.610	0.398	0.252	0.180	0.68	0.46	0.29	0.18	0.13
4-2.5-4 5-2.5-4	4	1.76	1.20	0.80	0.52	0.36	1.20	0.818	0.529	0.338	0.240	0.90	0.61	0.39	0.25	0.18
4-2.5-5 5-2.5-5	5	2.20	1.50	1.00	0.65	0.45	1.50	1.020	0.660	0.420	0.300	1.13	0.77	0.49	0.31	0.22
4-2.5-6 5-2.5-6	6	2.64	1.80	1.20	0.78	0.54	1.80	1.215	0.790	0.505	0.360	1.35	0.92	0.59	0.37	0.27
4-2.5-7 5-2.5-7	7	3.08	2.10	1.40	0.91	0.63	2.10	1.410	0.920	0.589	0.420	1.57	1.07	0.69	0.43	0.31
4-2.5-8 5-2.5-8	8	3.52	2.40	1.60	1.04	0.72	2.40	1.615	1.095	0.670	0.480	1.80	1.22	0.79	0.50	0.36
4-2.5-9 5-2.5-9	9	3.96	2.70	1.80	1.17	0.81	2.70	1.810	1.198	0.758	0.540	2.03	1.38	0.89	0.56	0.40
4-2.5-10 5-2.5-10 7-2.5-10	10	4.40	3.00	2.00	1.30	0.90	3.00	2.00	1.30	0.84	0.60	2.25	1.53	0.99	0.63	0.45
7-2.5-11	11	4.84	3.30	2.20	1.43	0.99	3.30	2.28	1.48	0.92	0.66	2.47	1.68	1.08	0.69	0.49
FT5-2.5-12 7-2.5-12	12	5.28	3.60	2.40	1.56	1.08	3.60	2.42	1.60	1.00	0.72	2.70	1.84	1.18	0.75	0.54
FT5-2.5-13 7-2.5-13	13	5.72	3.90	2.60	1.69	1.17	3.90	2.68	1.72	1.10	0.78	2.93	1.99	1.28	0.81	0.58
FT5-2.5-14 7-2.5-14	14	6.16	4.20	2.80	1.82	1.26	4.20	2.88	1.82	1.20	0.84	3.15	2.24	1.38	0.88	0.63
FT5-2.5-15 7-2.5-15	15	6.60	4.50	3.00	1.95	1.35	4.50	3.08	1.98	1.30	0.90	3.37	2.36	1.48	0.94	0.67
7-2.5-16	16	7.04	4.80	3.20	2.08	1.44	4.80	3.28	2.10	1.32	0.96	3.60	2.49	1.58	1.00	0.72
7-2.5-17	17	7.48	5.10	3.50	2.21	1.54	5.10	3.48	2.22	1.42	1.00	3.82	2.61	1.68	1.06	0.76
7-2.5-18	18	7.92	5.40	3.60	2.34	1.62	5.40	3.68	2.38	1.50	1.10	4.05	2.75	1.78	1.13	0.81
7-2.5-19	19	8.36	5.70	3.80	2.47	1.71	5.70	3.90	2.50	1.60	1.12	4.27	2.90	1.83	1.19	0.85
7-2.5-20	20	8.80	6.00	4.00	2.60	1.80	6.00	4.10	2.62	1.70	1.20	4.50	3.06	1.98	1.26	0.90
7-2.5-21	21	9.25	6.30	4.20	2.73	1.89	6.30	4.28	2.78	1.78	1.28	4.72	3.21	2.07	1.32	0.94
7-2.5-22	22	9.70	6.60	4.40	2.86	1.98	6.60	4.50	2.90	1.88	1.32	4.95	3.36	2.17	1.38	0.99
7-2.5-23	23	10.15	6.90	4.60	2.99	2.07	6.90	4.70	3.02	1.90	1.40	5.17	3.51	2.27	1.44	1.03
7-2.5-24	24	10.60	7.20	4.80	3.12	2.16	7.20	4.90	3.18	2.00	1.42	5.40	3.67	2.37	1.51	1.08

3/16" Odf Venturi Capacity Tons Of Refrigeration

REFRIGERANT																
Product Code	Outlets	3/16 ODF SIZE OUTLET														
		TONS - R-22					TONS - R-134A					TONS - R-404A / R-502 / R-507				
		40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
3-3-2 4-3-2 5-3-2	2	1.80	1.20	0.79	0.53	0.37	1.20	0.82	0.54	0.36	0.25	0.90	0.61	0.40	0.27	0.18
3-3-3 4-3-3 5-3-3	3	2.60	1.80	1.20	0.79	0.55	1.80	1.20	0.82	0.54	0.38	1.40	0.90	0.61	0.40	0.28
3-3-4 4-3-4 5-3-4	4	3.50	2.40	1.60	1.10	0.76	2.40	1.68	1.10	0.72	0.50	1.80	1.30	0.81	0.54	0.37
3-3-5 4-3-5 5-3-5 7-3-5	5	4.40	3.00	2.00	1.30	0.92	3.00	2.02	1.30	0.90	0.64	2.30	1.50	0.99	0.67	0.47
3-3-6 4-3-6 5-3-6 7-3-6	6	5.30	3.60	2.40	1.60	1.10	3.60	2.40	1.70	1.08	0.76	2.70	1.80	1.30	0.81	0.56
3-3-7 4-3-7 5-3-7 7-3-7	7	6.10	4.20	2.80	1.80	1.30	4.20	2.90	1.90	1.32	0.89	3.10	2.20	1.40	0.99	0.66
4-3-8 5-3-8 7-3-8 9-3-8	8	7.00	4.80	3.20	2.10	1.50	4.80	3.20	2.18	1.42	1.00	3.60	2.40	1.60	1.10	0.75
4-3-9 5-3-9 7-3-9 9-3-9	9	7.90	5.40	3.60	2.40	1.70	5.40	3.70	2.40	1.68	1.12	4.10	2.80	1.80	1.30	0.85
5-3-10 7-3-10 9-3-10	10	8.80	6.00	3.90	2.60	1.80	6.00	4.10	2.78	1.80	1.30	4.50	3.10	2.10	1.40	0.99
7-3-11 9-3-11	11	9.60	6.50	4.30	2.90	2.00	6.60	4.42	3.00	2.02	1.42	5.00	3.30	2.30	1.50	1.10
5-3-12 7-3-12 9-3-12	12	10.50	7.10	4.70	3.20	2.20	7.20	4.90	3.22	2.18	1.58	5.40	3.70	2.40	1.60	1.20
F5-3-13 7-3-13 9-3-13	13	11.40	7.70	5.10	3.40	2.40	7.80	5.30	3.50	2.40	1.70	5.90	4.00	2.60	1.80	1.30
7-3-14 9-3-14	14	12.30	8.30	5.50	3.70	2.60	8.40	5.78	3.82	2.50	1.80	6.30	4.30	2.90	1.90	1.40
7-3-15 9-3-15	15	13.10	8.90	5.90	4.00	2.80	9.00	6.10	4.10	2.78	1.90	6.80	4.60	3.10	2.10	1.50
7-3-16 9-3-16	16	14.00	9.50	6.30	4.20	2.90	9.60	6.50	4.30	2.90	2.00	7.20	4.90	3.20	2.20	1.50
7-3-17 9-3-17	17	14.90	10.10	6.70	4.50	3.10	10.20	6.98	4.58	3.10	2.18	7.70	5.20	3.40	2.30	1.60
7-3-18 9-3-18	18	15.80	10.70	7.10	4.70	3.30	10.80	7.30	4.90	3.22	2.30	8.10	5.50	3.70	2.40	1.70
7-3-19 9-3-19	19	16.60	11.30	7.50	5.00	3.50	11.40	7.80	5.18	3.50	2.40	8.60	5.90	3.90	2.60	1.80
7-3-20 9-3-20	20	17.50	11.90	7.90	5.30	3.70	12.00	8.18	5.40	3.60	2.50	9.00	6.10	4.10	2.70	1.90
7-3-21 9-3-21	21	18.40	12.50	8.30	5.50	3.90	12.60	8.50	5.60	3.70	2.60	9.40	6.40	4.30	2.80	2.00
7-3-22 9-3-22	22	19.20	13.10	8.70	5.80	4.00	13.20	9.00	5.90	3.98	2.78	9.90	6.70	4.50	2.90	2.10
7-3-23 9-3-23	23	20.10	13.70	9.10	6.00	4.20	13.80	9.40	6.10	4.10	2.90	10.30	7.00	4.70	3.00	2.20
7-3-24 9-3-24	24	21.00	14.30	9.50	6.30	4.40	14.40	9.82	6.50	4.30	3.00	10.80	7.40	4.90	3.20	2.30

Venturi Low Pressure Drop Distributors Capacity Table

1/4" Odf Venturi Capacity Tons Of Refrigeration

Product Code	Outlets	REFRIGERANT														
		1/4 ODF SIZE OUTLET														
		TONS - R-22					TONS - R-134A					TONS - R-404A / R-502 / R-507				
		40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
4-4-2 5-4-2 7-4-2	2	3.50	2.40	1.60	1.10	0.76	2.40	1.68	1.10	0.70	0.50	1.80	1.30	0.81	0.54	0.37
4-4-3 5-4-3 7-4-3	3	5.30	3.60	2.40	1.60	1.10	3.60	2.40	1.68	1.10	0.76	2.70	1.80	1.30	0.81	0.56
4-4-4 5-4-4 7-4-4	4	7.00	4.80	3.20	2.10	1.50	4.80	3.22	2.18	1.42	1.00	3.60	2.40	1.60	1.10	0.75
4-4-5 5-4-5 7-4-5	5	8.80	6.00	3.90	2.60	1.80	6.00	4.10	2.78	1.80	1.30	4.50	3.10	2.10	1.40	0.99
4-4-6 5-4-6 7-4-6 9-4-6	6	10.50	7.10	4.70	3.20	2.20	7.20	4.90	3.22	2.18	1.58	5.40	3.70	2.40	1.60	1.20
7-4-7 9-4-7	7	12.30	8.30	5.50	3.70	2.60	8.40	5.78	3.82	2.50	1.80	6.30	4.30	2.90	1.90	1.40
5-4-8 7-4-8 9-4-8	8	14.00	9.50	6.30	4.20	2.90	9.60	6.48	4.30	2.90	2.00	7.20	4.90	3.20	2.20	1.50
5-4-9 7-4-9 9-4-9 11-4-9	9	15.80	10.70	7.10	4.70	3.30	10.80	7.30	4.90	3.22	2.28	8.10	5.50	3.70	2.40	1.70
7-4-10 9-4-10 11-4-10	10	17.50	11.90	7.90	5.30	3.70	12.00	8.18	5.40	3.60	2.50	9.00	6.10	4.10	2.70	1.90
7-4-11 11-4-11	11	19.30	13.10	8.70	5.80	4.10	13.20	9.00	6.00	3.98	2.78	9.90	6.80	4.50	3.00	2.10
7-4-12 9-4-12 11-4-12	12	21.00	14.30	9.50	6.30	4.40	14.40	9.80	6.48	4.30	3.00	10.80	7.40	4.90	3.20	2.30
7-4-13 9-4-13 11-4-13	13	22.80	15.50	10.20	6.80	4.80	15.60	10.58	7.10	4.68	3.22	11.70	7.90	5.30	3.50	2.40
7-4-14 9-4-14 11-4-14	14	24.50	16.70	11.00	7.40	5.20	16.80	11.40	7.58	5.00	3.48	12.60	8.60	5.70	3.80	2.60
7-4-15 9-4-15 11-4-15	15	26.30	17.90	11.80	7.90	5.50	18.00	12.22	8.00	5.40	3.82	13.50	9.20	6.00	4.10	2.90
7-4-16 9-4-16 11-4-16	16	28.00	19.00	12.60	8.40	5.90	19.20	13.10	8.68	5.78	4.10	14.40	9.80	6.50	4.30	3.10
7-4-17 11-4-17	17	29.80	20.20	13.40	8.90	6.30	20.40	13.90	9.20	6.10	4.30	15.30	10.40	6.90	4.60	3.20
7-4-18 11-4-18	18	31.50	21.40	14.20	9.50	6.60	21.60	14.60	9.70	6.48	4.58	16.20	11.00	7.30	4.90	3.40
7-4-19 11-4-19	19	33.30	22.60	15.00	10.00	7.00	22.80	15.48	10.30	6.82	4.80	17.10	11.60	7.70	5.10	3.60
7-4-20 11-4-20	20	35.00	23.80	15.80	10.50	7.40	24.00	16.30	10.80	7.20	5.00	18.00	12.20	8.10	5.40	3.80
7-4-21 11-4-21	21	36.80	25.00	16.60	11.10	7.70	25.20	17.18	11.40	7.58	5.28	18.90	12.90	8.60	5.70	4.00
7-4-22 11-4-22	22	38.50	26.20	17.30	11.60	8.10	26.40	18.00	11.88	7.90	5.50	19.80	13.50	8.90	5.90	4.10
7-4-23 11-4-23	23	40.30	27.40	18.10	12.10	8.50	27.60	18.70	12.48	8.28	5.78	20.70	14.00	9.40	6.20	4.30
7-4-24 11-4-24	24	42.00	28.60	18.90	12.60	8.80	28.80	19.58	12.98	8.60	6.00	21.60	14.70	9.70	6.50	4.50

Venturi Low Pressure Drop Distributors Capacity Table

5/16" Odf Venturi Capacity Tons Of Refrigeration

Product Code	Outlets	REFRIGERANT														
		5/16 ODF SIZE OUTLET														
		TONS - R-22					TONS - R-134A					TONS - R-404A / R-502 / R-507				
		40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
4-5-2 5-5-2 7-5-2	2	7.00	4.80	3.20	2.10	1.50	4.80	3.20	2.18	1.42	1.00	3.60	2.40	1.60	1.10	0.75
FT4-5-3 5-5-3 7-5-3	3	10.50	7.10	4.70	3.20	2.20	7.20	4.90	3.22	2.18	1.58	5.40	3.70	2.40	1.60	1.20
FT4-5-4 5-5-4 7-5-4	4	14.00	9.50	6.30	4.20	2.90	9.60	6.48	4.30	2.88	2.02	7.20	4.90	3.20	2.20	1.50
7-5-5 9-5-5	5	17.50	11.90	7.90	5.30	3.70	12.00	8.18	5.40	3.60	2.50	9.00	6.10	4.10	2.70	1.90
7-5-6 9-5-6	6	21.00	14.30	9.50	6.30	4.40	14.40	9.80	6.48	4.30	3.00	10.80	7.40	4.90	3.20	2.30
9-5-7 11-5-7	7	24.50	16.70	11.00	7.40	5.20	16.80	11.40	7.58	5.00	3.48	12.60	8.60	5.70	3.80	2.60
9-5-8 11-5-8	8	28.00	19.00	12.60	8.40	5.90	19.20	13.10	8.62	5.78	4.10	14.40	9.80	6.50	4.30	3.10
11-5-9	9	31.50	21.40	14.20	9.50	6.60	21.60	14.60	9.70	6.48	4.58	16.20	11.00	7.30	4.90	3.40
11-5-10	10	35.00	23.80	15.80	10.50	7.40	24.00	16.30	10.80	7.20	5.00	18.00	12.20	8.10	5.40	3.80
11-5-11	11	38.50	26.20	17.30	11.60	8.10	26.40	18.00	11.88	7.90	5.50	19.80	13.50	8.90	5.90	4.10
11-5-12	12	42.00	28.60	18.90	12.60	8.80	28.80	19.58	12.98	8.62	6.00	21.60	14.70	9.70	6.50	4.50
11-5-13	13	45.50	30.90	20.50	13.70	9.60	31.20	21.22	14.02	9.38	6.60	23.40	15.90	10.50	7.00	5.00
11-5-14	14	49.00	33.30	22.10	14.70	10.30	33.60	22.80	15.10	10.10	7.10	25.20	17.10	11.30	7.60	5.30
11-5-15	15	52.50	35.70	23.60	15.80	11.00	36.00	24.48	16.20	10.80	7.58	27.00	18.40	12.20	8.10	5.70
13-5-16	16	56.00	38.10	25.20	16.80	11.80	38.40	26.18	17.30	11.50	8.00	28.80	19.60	13.00	8.60	6.00
13-5-17	17	59.50	40.40	26.80	17.80	12.50	40.80	27.70	18.38	12.22	8.50	30.60	20.80	13.80	9.10	6.40
13-5-18	18	63.00	42.80	28.40	18.90	13.20	43.20	29.40	19.40	12.98	9.10	32.40	22.10	14.60	9.70	6.80
13-5-19	19	66.50	45.20	29.90	20.00	14.00	45.60	30.98	20.50	13.68	9.60	34.20	23.20	15.40	10.30	7.20
13-5-20	20	70.00	47.60	31.40	21.00	14.70	48.00	32.60	21.60	14.40	10.10	36.00	24.50	16.20	10.80	7.70
13-5-21	21	73.50	50.00	32.90	22.00	15.40	50.40	34.30	22.68	15.10	10.58	37.80	25.70	17.00	11.30	7.90
13-5-22	22	77.00	52.50	34.40	23.10	16.10	52.80	36.00	23.78	15.80	11.00	39.60	27.00	17.80	11.90	8.30

Venturi Low Pressure Drop Distributors Capacity Table

Venturi Low Pressure Drop Distributors Capacity Table

3/8" Odf Venturi Capacity Tons Of Refrigeration

REFRIGERANT																
Product Code	Outlets	TONS - R-22					TONS - R-134A					TONS - R-404A / R-502 / R-507				
		40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
FT4-6-2 7-6-2	2	12.3	8.3	5.5	3.7	2.6	8.4	5.8	3.8	2.5	1.8	6.3	4.3	2.9	1.9	1.4
FT5-6-3 7-6-3	3	18.4	12.5	8.3	5.5	3.9	12.6	8.5	5.6	3.8	2.6	9.5	6.4	4.2	2.9	2.0
FT5-6-4 7-6-4	4	24.5	16.7	11.1	7.4	5.1	16.8	11.4	7.6	5.0	3.5	12.6	8.6	5.7	3.8	2.6
9-6-5 11-6-5	5	30.6	20.8	13.9	9.2	6.4	21.0	14.3	9.5	6.4	4.4	15.8	10.7	7.1	4.8	3.3
9-6-6 11-6-6	6	36.8	25.0	16.6	11.1	7.7	25.2	17.2	11.4	7.6	5.3	18.9	12.9	8.6	5.7	4.0
11-6-7	7	42.9	29.2	19.4	12.9	9.0	29.4	20.0	13.2	8.9	6.1	22.0	15.0	9.9	6.7	4.6
11-6-8	8	49.0	33.3	22.2	14.7	10.3	33.6	22.8	15.1	10.1	7.1	25.2	17.1	11.3	7.6	5.3
11-6-9	9	55.1	37.5	25.0	16.5	11.6	37.8	25.7	17.0	11.3	7.9	28.3	19.2	12.7	8.5	6.0
11-6-10	10	61.3	41.7	27.7	18.4	12.9	42.0	28.6	19.0	12.6	8.9	31.5	21.4	14.2	9.5	6.7
11-6-11	11	67.4	45.8	30.4	20.2	14.2	46.2	31.4	20.8	13.8	9.7	34.3	23.5	15.6	10.4	7.2
11-6-12	12	73.5	50.0	33.2	22.1	15.5	50.4	34.3	22.7	15.1	10.6	37.8	25.7	17.0	11.3	7.9
13-6-17	17	99.4	67.6	44.8	29.9	21.0	68.2	46.3	30.7	20.5	14.4	51.1	34.7	23.0	15.4	10.8
13-6-18	18	108.5	73.9	49.0	32.7	21.7	74.4	50.6	33.6	22.4	14.9	55.8	37.9	25.2	16.8	11.2

1/2" Odf Venturi Capacity

REFRIGERANT																
Product Code	Outlets	TONS - R-22					TONS - R-22					TONS - R-404A / R-502 / R-507				
		40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°	40°	20°	0°	-20°	-40°
11-8-2	2	17.5	11.9	7.9	5.3	3.8	12.0	8.2	5.4	3.6	2.5	9.0	6.1	4.1	2.7	1.9
11-8-3	3	26.3	17.9	11.8	7.9	5.5	18.0	12.2	8.2	5.4	4.2	13.5	9.2	6.1	4.1	3.2
11-8-4	4	35.0	23.8	15.8	10.5	7.6	24.0	16.3	10.8	7.2	5.0	18.0	12.2	8.1	5.4	3.8
11-8-5	5	43.8	29.8	19.7	13.2	9.2	30.0	20.4	13.6	9.0	6.4	22.5	15.3	10.2	6.8	4.8
11-8-6	6	52.5	35.7	23.6	15.8	11.0	36.0	24.5	16.2	10.8	7.6	27.0	18.4	12.2	8.1	5.7
11-8-7	7	61.3	41.7	27.6	18.4	12.9	42.0	28.6	19.0	12.6	8.9	31.5	21.4	14.2	9.5	6.7
13-8-8	8	70.0	47.7	31.5	21.1	14.7	48.0	32.6	21.7	14.4	10.2	36.0	24.5	16.3	10.8	7.7
13-8-9	9	78.7	53.7	31.9	23.7	16.5	54.0	36.7	24.4	16.2	11.4	40.5	27.5	18.3	12.1	8.6
13-8-10	10	87.5	59.6	39.4	26.3	18.4	60.0	40.8	27.1	18.0	12.7	45.0	30.6	20.3	13.5	9.5
13-8-11	11	96.3	65.6	43.3	28.9	20.3	66.0	44.9	30.00	19.8	14.0	49.5	33.7	22.4	14.8	10.5
13-8-12	12	105.2	71.5	47.2	31.5	22.1	72.0	49.0	32.6	21.6	15.4	54.0	36.8	24.5	16.2	11.4
13-8-13	13	113.8	77.5	51.2	34.2	24.0	78.0	53.0	35.3	23.4	16.6	58.5	39.8	26.5	17.6	12.4

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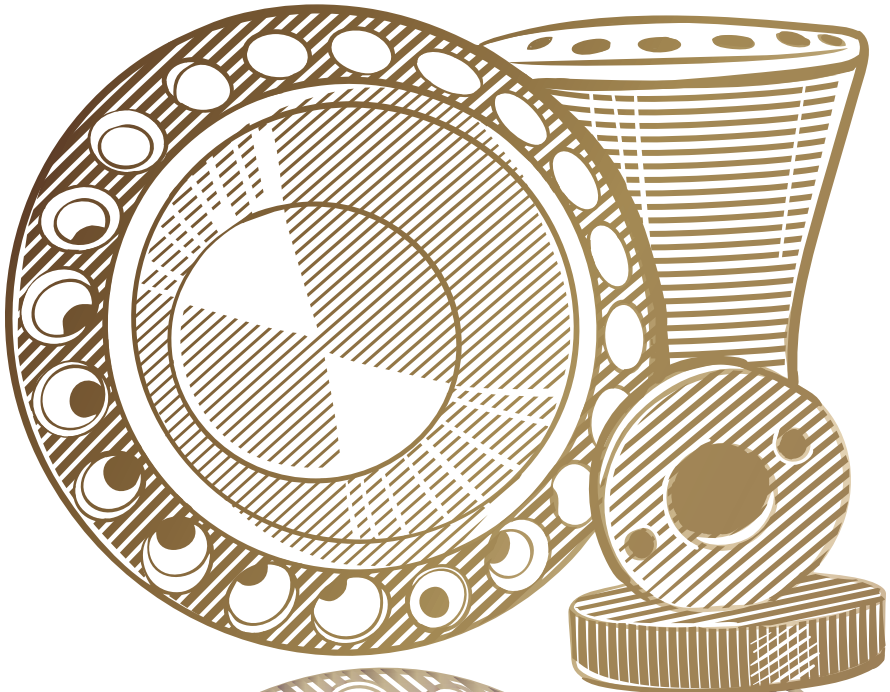
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