

TABLE 1: General Characteristics											
Catalogue Number	Connections					Kv Factor [m³/h]	Minimum Opening Pressure Differential [bar]	TS [°C]		PS [bar]	Risk Category according to PED
	SAE Flare	ODS		ODM				min.	max.		
		Ø [in.]	Ø [mm]	Ø [in.]	Ø [mm]						
3122/M22		–	22	–	28	6,6	– 35	+160		Art. 3.3	
3122/7		7/8"	–	1.1/8"	–						
3122/M28		–	28	1.3/8"	35	8,8					
3122/9		1.1/8"	–	1.3/8"	35						
3122/11		1.3/8"	35	1.5/8"		15,2					
3122/13		1.5/8"	–	2"							
3122/M42		–	42	2"		25,0					0,1
3122/17		2.1/8"	54			40,0					

TABLE 2: Dimensions and Weights								
Catalogue Number	Dimensions [mm]							Weight [g]
	H	H ₁	L	L ₁	Q	Ø D	Ch	
3122/M22								1180
3122/7								
3122/M28	84,5	28,5	100		60			1090
3122/9								
3122/11	101,5	34	118		68	–	–	1625
3122/13								
3122/M42	125,5	37	141		88			2955
3122/17	142	42,5	173		104			4225

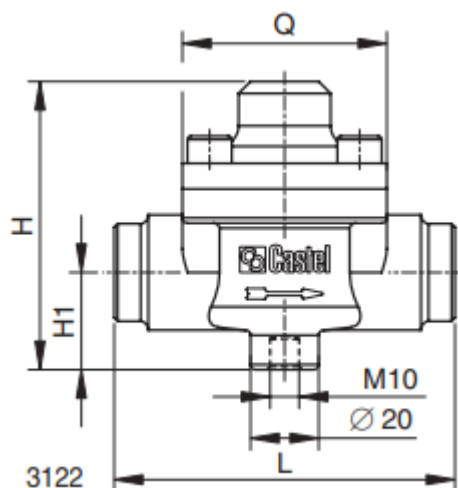


TABLE 3: Refrigerant Flow Capacity															
Catalogue Number	Refrigerant Flow Capacity [kW]														
	Liquid					Vapour					Hot Gas				
	R134a	R22	R407C	R404A	R410A	R134a	R22	R407C	R404A	R410A	R134a	R22	R407C	R404A	R410A
3122/M22	111,2	118,8	123,7	78,5	125,7	14,3	17,8	17,7	14,9	23,8	56,1	77,2	76,7	66,0	85,8
3122/7															
3122/M28	148,3	158,4	164,9	104,7	167,6	19,0	23,8	23,6	19,9	31,7	74,8	103,0	102,3	88,0	114,4
3122/9															
3122/11	256,1	273,6	284,8	180,9	289,4	32,8	41,0	40,7	34,4	54,7	129,2	177,8	176,6	152,0	197,6
3122/13															
3122/M42	421,3	450,0	468,5	297,5	476,0	54,0	67,5	67,0	56,5	90,0	212,5	292,5	290,5	250,0	325,0
3122/17															
3122/17	674,0	720,0	749,6	476,0	761,6	86,4	108,0	107,2	90,4	144,0	340,0	468,0	464,8	400,0	520,0

Refrigerant flow capacity referred to the following operating conditions:

- Evaporating temperature: + 4 °C
- Condensing temperature: + 38 °C
- Pressure drop: 0,15 bar

Particularly for hot gas:

- Suction temperature: + 18 °C
- Pressure drop: 1 bar