

Technical Data for Drop In Propane

Medium Temperature

Low Temperature

Model	DROP-IN	DROP-IN	DROP-IN	DROP-IN	DROP-IN	DROP-IN	DROP-IN	DROP-IN	DROP-IN
	DI3NT NT R290	DI13NT NT R290	DI16NT NT R290	DI20NT NT R290	DI26NT NT R290	DI6LT LT R290	DI13LT LT R290	DI20LT LT R290	DI28LT LT R290
Supply voltage	220V/1/50Hz					220V/1/50Hz			
Cooling capacity (W) [1]	1192	1543	2x 1022	2x 1192	2x 1543	907	2x 606	2x 694	2x 907
Absorbed power (W) [1]	513	736	2x 444	2x 513	2x 736	684	2x 411	2x 474	2x 684
Absorbed current (A) [1]	2,37	3,97	4,62	4,74	7,94	3,79	4,00	4,56	7,58
Maximum absorbed power (W) [2]	1129	1403	1696	1922	2470	1547	1770	2036	2758
Panel width (mm)	800					800			
Panel height (mm)	400					400			
Ø Liquid diameter (mm)	6	6	6	6	6	6	6	6	6
Ø Suction diameter (mm)	8	10	8	8	10	10	8	8	10
Weight (Kg)	56	61	68	69	81	63	69	70	87
Plug	PLUG 2P+T 32A 6h IP66/IP67					PLUG 2P+T 32A 6h IP66/IP67			
<b>Compressor</b>	NEU6217U	NT6222U	2x NEU6214U	2x NEU6217U	2x NT6222U	NT2210U	2x NEU2168U	2x NEU2178U	2x NT2210U
Displacement (cm³)	14,28	20,44	2x 12,11	2x 14,28	2x 20,44	27,8	2x 16,80	2x 18,70	2x 27,80
Type	Ermetico Embraco					Ermetico Embraco			
Lubrificant	ESTER / ISO22					ESTER / ISO22			
<b>Refrigerant</b>	R290					R290			
Standard quantity (Kg)	0,15	0,15	2x 0,13	2x 0,15	2x 0,13	0,13	2x 0,11	2x 0,14	2x 0,12
<b>Condensator</b>	COIL D= 5 mm					COIL D= 5 mm			
Fin spacing (mm)	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5	2,5
Nr. of rows	2	2	4	4	4	2	4	4	4
Frontal area (m²)	0,144	0,144	0,144	0,144	0,144	0,144	0,144	0,144	0,144
<b>Condensator fan</b>	MA-VIB					MA-VIB			
Quantity / diameter	1X254/27°	1X254/31°	2X254/27°	2X254/27°	2X254/31°	1X254/31°	2X254/31°	2X254/27°	2X254/31°
Supply voltage	220V/1/50Hz					220V/1/50Hz			
RMP	1350					1350			
Volumetric air quantity (m³/h) [3]	580	660	1.160	1160	1320	660	660	1160	1320
Nominal power (W)	36	48	72	72	96	48	48	72	96
Absorb. during op'n (A)	0,21	0,27	0,42	0,42	0,54	0,27	0,27	0,42	0,54
<b>Evaporator</b>	COIL D= 7 mm					COIL D= 7 mm			
Fin spacing (mm)	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5	4,5
Nr. of rows	3	4	4	4	5	3	4	4	5
Frontal area (m²)	0,128	0,128	0,128	0,128	0,186	0,128	0,128	0,128	0,186
<b>Evaporator fan</b>	MA-VIB - Centrifugal Blowers					MA-VIB - Centrifugal Blowers			
Quantity / diameter / length	2x145x196	2x145x196	2x145x196	2x145x196	2x145x196	2x145x196	2x145x196	2x145x196	2x145x196
Supply voltage	220V/1/50Hz					220V/1/50Hz			
RMP	1.200	1.200	1.200	1250	1250	1200	1200	1200	1250
Volumetric air quantity (mc/h)	900	900	900	1150	1150	900	900	900	1150
Nominal power (W)	128	128	128	140	140	128	128	128	140
Absorb. during op'n (A)	0,58	0,58	0,58	0,65	0,65	0,58	0,58	0,58	0,65
<b>Option</b>									
kit press. compr. HP	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Plug-in 2P+T IP66/67 32A 6H	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD
Panel thickness 60 mm	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	//	//	//	//
Panel thickness 100 mm	OPZ	OPZ	OPZ	OPZ	OPZ	STANDARD	STANDARD	STANDARD	STANDARD

[1] CATALOGO EMBRACO ASPERA; CONDIZIONI EN12900 Te=-10°C/Tc=+45°C TEMP.GAS. ASP. 20°C - SOTTORAFF. 0K - T AMB. COMPR. 32°C (per NE/NEK TEMP. GAS ASP. 32°C)  
Te=-35°C/Tc=+45°C TEMP.GAS. ASP. 20°C - SOTTORAFF. 0K - T AMB. COMPR. 32°C (per NE/NEK TEMP. GAS ASP. 32°C)

[2] POTENZA MAX COMPRESSORE ALLE CONDIZIONI ASHRAE; Te=7,2°C/Tc=+54,4°C TEMP.GAS. ASP. 35°C - SOTTORAFF. 8,3K - T AMB. COMPR. 35°C  
Te=-23,3°C/Tc=+54,4°C TEMP.GAS. ASP. 32,2°C - SOTTORAFF. 22,2K - T AMB. COMPR. 32,2°C

[3] PORTATE CALCOLATE A 40 Pa

(\*)Test Condition: ASHRAE, Fan, Return Gas 32.2°C, Evaporating: -23.3°C, Condensing: 54°C, Ambient: 32.2°C, Liquid: 32.2°C  
LT-30/+45°C  
MT-10/+45°C