

Soundproof units with INVERTER and permanent magnet rotary hermetic compressors

NORMAL TEMPERATURE R449A

Model	Kompressor Model	Qo MIN [W] 10/45 (15Hz)	Qo MAX [W] -10/45 (90Hz)	Air flow [m³/h]	Fan N x Ø [mm]	Volume Receiver [liter]	liquid line [mm]	Suction line [mm]	Unit dimensions			Package dimensions			Motor tyoe	Regulation range [Hz]	Sound press level 10 m [dB(A)]*
									L [mm]	P [mm]	H [mm]	L [mm]	P [mm]	H [mm]			
ESM1TRPN002T03T	C-6RVN63L0B	380	2760	2860	1 x 450	3,4	8	12	1350	645	610	1381	740	758	BLDC	15 - 90	36
ESM1TRPN004T03T	C-7RVN113L0A	810	5204	2144	1 x 450	3,4	10	16	1350	645	610	1381	740	758	BLDC	15 - 80	36
ESM2TRPN006T03T	C-7RVN153L0A	1197	7895	3005	1 x 450	6	10	18	1515	765	840	1556	880	1003	BLDC	15 - 90	41,6
ESM3TRPN008T03T	C-8RZ420L4AAL	1611	10212	7012	2 x 450	10	12	22	1615	795	1330	1740	850	1370	BLDC	15 - 90	41,6
ESM3TRPN009T03T	C-8RZ486L4AAL	1754	11371	7012	2 x 450	10	12	22	1615	795	1330	1740	850	1370	BLDC	15 - 100	41,6
ESM3TRPN010T03T	C-9RZ580L4AAL	2084	14233	7012	2 x 450	10	12	28	1615	795	1330	1740	850	1370	BLDC	15 - 90	47,6
ESM4TRPN013T03T	C-9RZ700L4AAL	2418	17021	10394	2 x 500	16	16	28	1860	995	1530	1960	1120	1765	BLDC	15 - 90	48,7

LOW TEMPERATURE R449A

Model	Kompressor Model	Qo MIN [W] 30/45 (15Hz)	Qo MAX [W] -30/45 (90Hz)	Air flow [m³/h]	Fan N x Ø [mm]	Volume Receiver [liter]	liquid line [mm]	Suction line [mm]	Unit dimensions			Package dimensions			Motor tyoe	Regulation range [Hz]	Sound press level 10 m [dB(A)]*
									L [mm]	P [mm]	H [mm]	L [mm]	P [mm]	H [mm]			
ESM1BRPN002T03T	C-6RVN63L0B	148	1074	2860	1 x 450	3,4	6	12	1350	645	610	1381	740	758	BLDC	15 - 90	36
ESM1BRPN004T03T	C-7RVN113L0A	445	2563	2860	1 x 450	3,4	8	16	1350	645	610	1381	740	758	BLDC	15 - 80	36
ESM1BRPN006T03T	C-7RVN153L0A	515	3399	2144	1 x 450	3,4	8	18	1350	645	610	1381	740	758	BLDC	15 - 90	41,6
ESM2BRPN008T03T	C-8RZ420L4AAL	693	4394	3005	1 x 450	6	10	22	1515	765	840	1556	880	1003	BLDC	15 - 90	41,6
ESM2BRPN009T03T	C-8RZ486L4AAL	681	4896	3005	1 x 450	6	10	22	1515	765	840	1556	880	1003	BLDC	15 - 100	41,6
ESM3BRPN010T03T	C-9RZ580L4AAL	902	6197	7520	2 x 450	10	10	28	1615	795	1330	1740	850	1370	BLDC	15 - 90	47,6
ESM3BRPN013T03T	C-9RZ700L4AAL	936	6749	7012	2 x 450	10	16	28	1615	795	1330	1740	850	1370	BLDC	15 - 90	48,5

MAIN KOMPONENTS

- Rotary Kompressor BLDC
- Insulated housing
- Condenser with fans
- Drier, sight glasses
- Liquid receiver with safety valve
- fan speed regulator
- Dual pressure switsch
- Electrical panel
- Inverter for BLDC Motors
- Oil separator
- Liquid injection (only LOW Temp)

* value calculated in free field with hemispherical propagation

Unit representation with frame ESM1 e ESM2



Unit representation with frame ESM3 e ESM4

