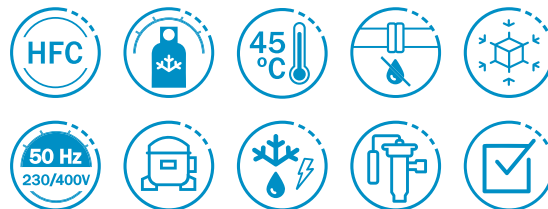


intarsplit



Split systems for small and medium size cold rooms at positive and negative temperature, composed by a condensing unit in horizontal construction and a slim-type, cubic-type or double-flow evaporating unit.

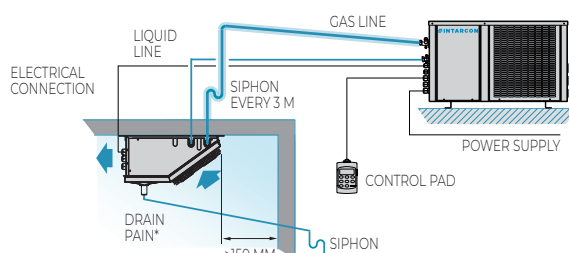
FEATURES

Hermetic reciprocating compressor (noise insulation in 3-phases models).	■
High and low pressure switches.	■
Liquid receiver.	■
Refrigerant pre-charge for 10 m piping.	■
Thermostatic expansion valve.	■
Electrical heater defrost (except ASH series).	■
Drain pan.	■
Flare-type connections (up to 3/8"-3/4") and service valves.	■
10 m of electrical connections included (except for 4 and 40 up to 54 series).	■
MCB protection.	■
Multifunction electronic control with remote keyboard and digital regulation of condensing pressure.	■
Liquid injection system for negative temperature models with R-449A.	■
Vertical discharge (centrifugal version).	□ + 0 €
Larger sized multifunction electronic control.	□ + 192 €
Change to 400V 3N 50Hz power supply.	□ + 5 %
Crankcase heater.	□ + 77 €
Adaptation of air discharge to circular duct.	□ + 127 €
Built-in oil separator.	□ + 745 €
Anti-corrosion evaporator coil coating.	□ + 6 %
Anti-corrosion condenser coil coating.	□ + 4 %
Proportional control of condensing pressure:	
Axial version: N, Q and D series 3/33 models onwards.	□ + 317 €
Centrifugal version: C, CQ and CD series 4/43 models onwards.	□ + 506 €

■ As standard □ Optional

INSTALLATION SCHEME

Maximum vertical distance between units of 15 m if the condensing unit is placed at a higher level than the evaporating unit, and 6 m otherwise.
*20 % minimum slope of draining pipe for negative temperature models.



Electronic control

intarsplit systems feature XM670K electronic control as standard.



- ▶ Multi-function remote digital control.
- ▶ Internal clock for programming of energy saving cycles and defrost.
- ▶ Possibility of interconnection and synchronization of up to 8 devices by LAN, managed from a single control.

Digital condensing control

Standard as intarsplit series, it protects the unit against occasional low ambient temperatures. For prolonged operations with negative temperature outside it is recommended to install the proportional condensation control (optional in series 3 and 33 onwards).

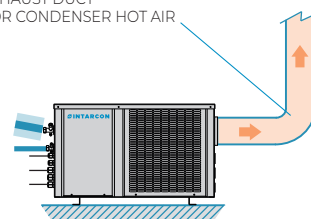
Crankcase heater (optional)

The inclusion of the optional crankcase heater is recommended in all outdoor units.

Centrifugal version

Centrifugal intarsplit units incorporates a centrifugal turbine that allows the condensation hot air to be transported outside by means of air ducts.

EXHAUST DUCT
FOR CONDENSER HOT AIR



CLIENT360
client360.intarcon.com
REFRIGERATION CALCULATION SOFTWARE

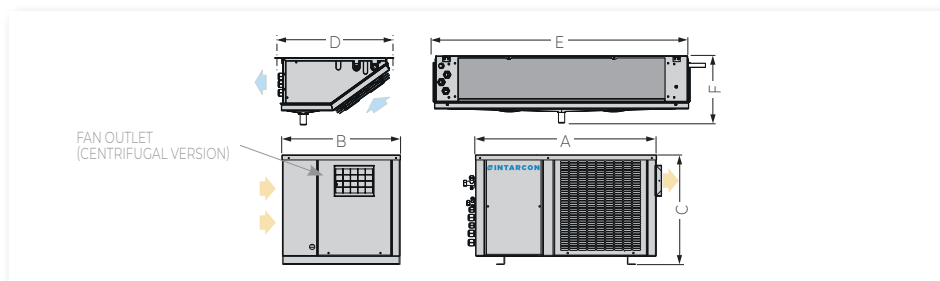
230V 50Hz / 400V 3N 50Hz | Positive temperature | Hermetic compressor | R-134a / R-449A

Refrigerant	Series / Model Axial	Compressor		Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. flow (m³/h)	Liq-Gas Cooling Connection	Refrig. charge (kg) (2)	Weight (kg)	SPL dB(A) (3)	Price (€)	Series / Model Centrifugal	Cond. flow (m³/h)	PED (Pa) (4)	Price (€)
		HP	Power supply	0 °C		5 °C		10 °C													
				W	m³	W	m³	W	m³												
R-134a	MSH-NY-00010A	3/8	230V	643	5.1	788	8.5	945	13	460	4.6	300	1/4"-3/8"	<1.5	37+12	29	2 678	MSH-CY-00010A	375	80	2 975
	MSH-NY-00015A	1/2	230V	832	7.2	1 010	10	1 193	19	560	5.6	300	1/4"-3/8"	<1.5	40+12	32	2 902	MSH-CY-00015A	375	80	3 221
	MSH-NY-11015A	1/2	230V	988	8.2	1 220	12	1 474	23	580	5.6	550	1/4"-1/2"	<1.5	41+16	32	3 067	MSH-CY-11015A	575	80	3 402
	MSH-NY-11026A	3/4	230V	1 250	12	1 533	18	1 827	30	820	9.3	550	1/4"-1/2"	<1.5	48+16	30	3 962	MSH-CY-11026A	575	80	4 400
	MSH-NY-11033A	1	230V	1 481	16	1 790	24	2 116	41	930	9.5	550	1/4"-1/2"	<1.5	50+16	33	4 263	MSH-CY-11033A	575	80	4 734
	MSH-NY-22033A	1	230V	1 922	23	2 368	36	2 846	60	1 060	10.0	1 050	1/4"-5/8"	<2.0	53+24	34	4 755	MSH-CY-22033A	1 000	120	5 276
	MSH-NY-22053A	1 1/2	230V *	2 363	31	2 882	48	3 455	73	1 450	12.6	1 050	1/4"-5/8"	<2.0	63+24	38	5 271	MSH-CY-22053A	1 000	120	5 853
	MSH-NY-33053A	1 1/2	230V *	2 688	40	3 318	63	4 069	100	1 550	13.2	1 725	1/4"-3/4"	<3.5	82+45	38	5 510	MSH-CY-33053A	1 500	140	6 115
	MSH-NY-33074A	2	230V *	3 518	47	4 347	71	5 198	110	1 930	17.2	1 725	1/4"-3/4"	<3.5	84+45	44	5 937	MSH-CY-33074A	1 500	140	6 591
	MSH-NY-43086A	4	400V 3N	4 379	66	5 366	100	6 421	165	2 390	14.9	1 725	3/8"-7/8"	<5.0	107+55	48	7 057	MSH-CY-43086A	3 500	100	7 830
R-449A	MSH-NY-44108A	5	400V 3N	5 628	88	6 888	140	8 274	220	3 050	19.2	3 100	3/8"-7/8"	<5.0	109+55	45	7 830	MSH-CY-44108A	3 500	100	8 696
	MSH-NY-44136A	6 1/2	400V 3N	6 862	115	8 311	170	9 881	260	3 770	23.2	3 100	3/8"-1 1/8"	<5.5	112+55	44	9 791	MSH-CY-44136A	3 500	100	10 870
	MSH-NG-0008A	1/3	230V	758	5.1	900	8.5	1 071	13	470	5.1	300	1/4"-3/8"	<1.5	38+12	34	2 526	MSH-CG-0008A	375	80	2 776
	MSH-NG-0010A	3/8	230V	893	6.1	1 042	10	1 223	15	580	4.8	300	1/4"-3/8"	<1.5	40+12	34	2 735	MSH-CG-0010A	375	80	3 007
	MSH-NG-0012A	1/2	230V	980	7.2	1 135	12	1 324	19	650	5.6	300	1/4"-3/8"	<1.5	41+12	34	2 892	MSH-CG-0012A	375	80	3 180
	MSH-NG-1014A	1/2	230V	1 100	10	1 313	16	1 564	26	790	6.7	550	1/4"-1/2"	<1.5	44+16	34	3 242	MSH-CG-1014A	575	80	3 590
	MSH-NG-1016A	5/8	230V	1 216	12	1 451	18	1 734	30	850	7.6	550	1/4"-1/2"	<1.5	53+16	34	3 454	MSH-CG-1016A	575	80	3 815
	MSH-NG-1018A	3/4	230V	1 404	14	1 653	22	1 954	35	1 000	8.9	550	1/4"-1/2"	<1.5	54+16	34	3 737	MSH-CG-1018A	575	80	4 116
	MSH-NG-1024A	1	230V	1 528	16	1 811	24	2 140	41	1 010	11.1	550	1/4"-1/2"	<1.5	54+16	34	4 018	MSH-CG-1024A	575	80	4 458
	MSH-NG-2024A	1	230V	2 020	23	2 424	36	2 896	60	1 270	11.6	1 050	1/4"-1/2"	<1.5	65+24	35	4 483	MSH-CG-2024A	1 000	120	4 953
R-449A	MSH-NG-2026A	1 1/4	230V *	2 230	26	2 640	41	3 131	64	1 360	12.0	1 050	1/4"-1/2"	<1.5	66+24	36	4 693	MSH-CG-2026A	1 000	120	5 224
	MSH-NG-2034A	1 1/2	230V *	2 543	31	2 985	48	3 516	73	1 800	16.6	1 050	1/4"-5/8"	<1.5	66+24	37	4 905	MSH-CG-2034A	1 000	120	5 450
	MSH-NG-3034A	1 1/2	230V *	3 091	40	3 674	63	4 364	100	1 670	17.0	1 725	1/4"-5/8"	<3.5	74+45	38	5 143	MSH-CG-3034A	1 500	140	5 706
	MSH-NG-3038A	1 3/4	400V 3N	3 459	47	4 060	71	4 786	110	1 530	7.8	1 725	1/4"-5/8"	<4.0	71+45	40	5 598	MSH-CG-3038A	1 500	140	6 202
	MSH-NG-4048A	2	400V 3N	4 494	66	5 350	98	6 358	155	2 610	10.5	1 725	3/8"-3/4"	<5.5	95+45	36	6 493	MSH-CG-4048A	3 500	100	7 186
	MSH-NG-4054A	2 1/2	400V 3N	4 949	74	5 847	110	6 916	170	2 800	11.0	1 725	3/8"-3/4"	<5.0	96+45	36	6 940	MSH-CG-4054A	3 500	100	7 650

230V 50Hz / 400V 3N 50Hz | Negative temperature | Hermetic compressor | R-449A / R-452A

Refrigerant	Series / Model Axial	Compressor		Cooling capacity / Cold room volume. according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. flow (m³/h)	Liq-Gas Cooling Connection	Refrig. charge (kg) (2)	Weight (kg)	SPL dB(A) (3)	Price (€)	Series / Model Centrifugal	Cond. flow (m³/h)	PED (Pa) (4)	Price (€)
		HP	Power supply	-25 °C		-20 °C		-15 °C													
				W	m³	W	m³	W	m³												
R-449A	BSH-NG-0018A	5/8	230V	422	0.9	537	1.8	658	3.9	0.60	4.8	300	1/4"-1/2"	<1.5	41+12	31	3 183	BSH-CG-0018A	375	80	3 437
	BSH-NG-1026A	3/4	230V	559	2.1	711	4.2	900	7.3	0.84	8.7	550	1/4"-1/2"	<2.5	55+16	31	3 394	BSH-CG-1026A	575	80	3 647
	BSH-NG-1034A	1 1/4	230V	622	3.0	858	5.9	1 038	10	1.05	11.2	550	1/4"-1/2"	<2.5	56+16	33	3 779	BSH-CG-1034A	575	80	4 056
	BSH-NG-2034A	1 1/4	230V	815	4.0	1 056	8.0	1 377	14	1.18	11.5	1 050	1/4"-1/2"	<2.5	66+24	35	4 153	BSH-CG-2034A	1 000	120	4 438
	BSH-NG-2055A	1 3/4	230V *	1 175	8.0	1 675	16	2 090	28	1.70	17.5	1 050	1/4"-5/8"	<2.5	66+24	41	4 956	BSH-CG-2055A	1 000	120	5 315
	BSH-NG-2075A	2 1/2	230V *	1 620	13	2 035	21	2 435	34	2.10	25.5	1 050	1/4"-5/8"	<3.5	66+24	44	5 740	BSH-CG-2075A	1 000	120	6 130
	BSH-NG-3075A	2 1/2	230V *	1 795	15	2 410	26	3 020	46	2.30	26.3	1 725	1/4"-5/8"	<3.5	85+45	44	6 003	BSH-CG-3075A	1 500	140	6 461
R-452A	BSH-NB-3096A	3 1/2	400V 3N	1 918	23	2 659	37	3 403	62	2.21	12.4	1 725	3/8"-3/4"	<3.5	85+45	49	6 279	BSH-CB-3096A	1 500	140	7 085
	BSH-NB-4108A	4	400V 3N	2 823	34	3 542	55	4 300	94	3.23	15.5	1 725	3/8"-7/8"	<5.5	107+45	47	8 318	BSH-CB-4108A	3 500	100	9 093
	BSH-NB-4136A	5	400V 3N	3 317	42	4 058	67	4 860	110	4.49	17.4	1 725	3/8"-7/8"	<5.0	107+45	42	9 295	BSH-CB-4136A	3 500	100	10 121

DIMENSIONS



Dimensions (mm)	A	B	C	D	E	F	Evaporator fans	Fan outlet
0 and 00 series	600	396	355	417	549	185	1x Ø 172	185 x 115
1 and 11 series	665	435	416	430	643	235	1x Ø 200	185 x 115
2 and 22 series	835	435	500	430	993	235	2x Ø 200	230 x 130
3 and 33 series	925	580	515	508	1 691	235	3x Ø 254	266 x 236
4 and 43 series	1 000	615	585	508	1 691	235	3x Ø 254	305 x 266
44 series	1 000	615	585	547	2 064	285	4x Ø 300	305 x 266

⁽¹⁾ Nominal performances refer to operation with cold room temperatures of 0 °C (PT) and -20 °C (NT), ambient temperature of 35 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

⁽²⁾ Units with refrigerant charge less than 5 tons of CO₂ equivalent (35 kg of R-134a or R-449A) exempt from leak checking, Regulation (EU) No 517/2014.

⁽³⁾ Sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

⁽⁴⁾ Available static pressure of condensation.

* Available units with 400V 3N 50Hz power supply.

Electrical interconnections (SH-N/-C models)

For the interconnection of the condenser and evaporator units, the following cable sections must be provided for a length of 10 m.

Power supply	230V 50Hz	400V 3N 50Hz
Probes	4 x 1 mm²	
Manoeuvre	2 x 1 mm²	3 x 1 mm²
Defrost	2 x 1,5 mm² + T	4 x 1,5 mm² + T
Control pad	2 x 1 mm²	
Switch door*	2 x 1 mm²	
Door heater cable	2 x 1 mm² at NT	
Cold room light*	2 x 1 mm² + T	

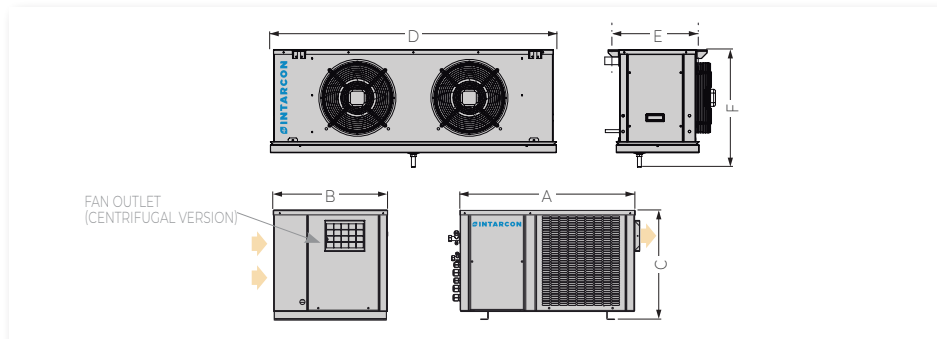
* Optional not included
To know electrical interconnections of each model: see technical manual.

230V 50Hz / 400V 3N 50Hz | Positive temperature | Hermetic compressor | R-134a / R-449A

Refrigerant	Series / Model Axial	Compressor		Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. flow (m³/h)	Liq-Gas Cooling Connection	Refrig. charge (kg) (2)	Weight (kg)	SPL dB(A) (3)	Price (€)	Series / Model Centrifugal	Cond. flow (m³/h)	ASP (Pa) (4)	Price (€)
		HP	Power supply	0 °C		5 °C		10 °C													
				W	m³	W	m³	W	m³												
R-134a	MSH-QY-30068A	3 1/2	400V 3N	3 854	54	4 646	59	5 513	84	2 000	12.0	2 100	1/4"-3/4"	< 4.0	74+43	37	6 594	MSH-CQY-30068A	1 500	14	7 316
	MSH-QY-40086A	4	400V 3N	4 431	63	5 418	68	6 500	100	2 350	14.3	2 100	3/8"-7/8"	< 5.0	107+43	48	7 708	MSH-CQY-40086A	3 500	10	8 553
	MSH-QY-41108A	5	400V 3N	5 324	71	6 500	80	7 775	110	2 770	17.3	2 700	3/8"-7/8"	< 5.0	109+56	45	8 561	MSH-CQY-41108A	3 500	10	9 503
	MSH-QY-42136A	6 1/2	400V 3N	7 235	110	8 773	180	10 474	280	3 850	22.0	4 150	3/8"-1 1/8"	< 5.0	112+72	44	10 700	MSH-CQY-42136A	3 500	10	11 877
	MSH-QY-53171A	8	400V 3N	7 830	135	9 535	185	11 520	300	4 250	24.1	5 200	3/8"-1 1/8"	< 5.5	162+89	50	12 409	MSH-CQY-53171A	3 600	10	13 676
	MSH-QY-53215A	10	400V 3N	9 450	175	11 435	230	13 740	350	5 010	30.5	6 200	3/8"-1 1/8"	< 5.5	166+94	49	13 647	MSH-CQY-53215A	3 600	10	15 001
	MSH-QY-54271A	13	400V 3N	12 400	240	14 760	320	17 420	400	7 130	40.2	8 300	1/2"-1 3/8"	< 5.5	171+118	48	15 975	MSH-CQY-54271A	3 600	10	17 651
R-449A	MSH-QG-30034A	1 1/2	230V *	3 409	39	4 054	62	4 797	99	1 610	16.3	2 100	1/4"-5/8"	< 3.5	74+43	38	5 660	MSH-CQG-30034A	1 500	14	6 201
	MSH-QG-30038A	1 3/4	400V 3N	3 647	46	4 301	70	5 063	110	1 790	7.1	2 100	1/4"-5/8"	< 3.5	71+43	40	5 951	MSH-CQG-30038A	1 500	14	6 512
	MSH-QG-40048A	2	400V 3N	4 752	67	5 559	99	6 554	159	2 420	9.8	2 100	3/8"-3/4"	< 4.5	95+43	36	6 960	MSH-CQG-40048A	3 500	10	7 530
	MSH-QG-40054A	2 1/2	400V 3N	5 203	76	6 060	113	7 106	178	2 610	10.3	2 100	3/8"-3/4"	< 5.0	96+43	36	7 421	MSH-CQG-40054A	3 500	10	7 999
	MSH-QG-41060A	3	400V 3N	6 049	86	7 038	128	8 260	198	3 070	11.3	2 700	1/2"-3/4"	< 5.0	97+56	36	8 043	MSH-CQG-41060A	3 500	10	8 627
	MSH-QG-41068A	3 1/2	400V 3N	6 545	113	7 581	163	8 866	253	3 440	12.3	2 700	1/2"-3/4"	< 5.0	98+56	35	9 663	MSH-CQG-41068A	3 500	10	10 274
	MSH-QG-52086A	4	400V 3N	8 056	125	9 542	185	11 320	315	3 870	15.0	4 150	1/2"-7/8"	< 5.0	135+72	48	11 506	MSH-CQG-52086A	3 600	12	12 125
	MSH-QG-52108A	5	400V 3N	9 386	160	11 011	220	12 991	375	4 900	18.0	4 150	1/2"-7/8"	< 7.0	157+72	45	11 993	MSH-CQG-52108A	3 600	12	12 612
	MSH-QG-53136A	6 1/2	400V 3N	11 894	190	13 856	260	16 173	430	6 670	21.0	6 200	1/2"-1 1/8"	< 9.0	140+94	44	12 976	MSH-CQG-53136A	3 600	12	13 592

230V 50Hz / 400V 3N 50Hz | Negative temperature | Hermetic compressor | R-449A / R-452A

Refrigerant	Series / Model	Compressor		Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. flow (m³/h)	Liq-Gas Cooling Connection	Refrig. charge (kg) (2)	Weight (kg)	SPL dB(A) (3)	Price (€)	Series / Model	Cond. flow (m³/h)	ASP (Pa) (4)	Price (€)
		HP	Power supply	-25 °C		-20 °C		-15 °C													
				W	m³	W	m³	W	m³												
R-452A	BSH-QG-30075A	2 1/2	230V *	1 765	14	2 425	27	3 050	47	2 300	25.1	2 100	1/4"-5/8"	< 3.5	85+43	44	6 299	BSH-CQG-30075A	1 500	14	6 652
	BSH-QB-30096A	3 1/2	400V 3N	2 223	22	2 869	36	3 491	61	2 390	11.2	2 100	3/8"-3/4"	< 3.5	85+43	49	7 003	BSH-CQB-30096A	1 500	14	7 648
	BSH-QB-41108A	4	400V 3N	2 658	34	3 626	58	4 688	99	2 960	14.4	2 700	3/8"-7/8"	< 5.0	107+56	47	9 125	BSH-CQB-41108A	3 500	10	9 755
	BSH-QB-42136A	5	400V 3N	3 915	51	5 021	85	5 999	144	4 290	17.3	4 150	3/8"-7/8"	< 5.0	107+72	42	10 891	BSH-CQB-42136A	3 500	10	11 548
	BSH-QB-53215A	7 1/2	400V 3N	5 428	80	7 186	120	8 842	200	6 280	25.0	5 200	1/2"-1 1/8"	< 7.0	166+89	49	14 251	BSH-CQB-53215A	3 600	12	14 908
	BSH-QB-53271A	10	400V 3N	6 972	110	8 858	150	10 712	220	7 950	30.0	6 200	1/2"-1 1/8"	< 7.5	166+94	49	15 015	BSH-CQB-53271A	3 600	12	15 670

DIMENSIONS


Dimensions (mm)	A	B	C	D	E	F	Evaporator fans	Fan outlet
30 series	925	580	515	880	455	581	1x Ø 350	266 x 236
40 series	1 000	615	585	880	455	581	1x Ø 350	305 x 266
41 series	1 000	615	585	1 230	455	581	1x Ø 350	305 x 266
42 series	1 000	615	585	1 530	455	581	2x Ø 350	305 x 266
52 series	1 289	757	657	1 530	455	581	2x Ø 350	305 x 266
MSH-QY-53171A BSH-QG-53215A	1 289	755	657	1 930	455	581	2x Ø 350	305 x 266
53 series	1 289	755	657	1 930	455	581	3x Ø 350	305 x 266
54 series	1 289	755	657	2 430	455	581	4x Ø 350	305 x 266

⁽¹⁾ Nominal performances refer to operation with cold room temperatures of 12 °C (HT) and ambient temperature of 35 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

⁽²⁾ Units with refrigerant charge less than 5 tons of CO₂ equivalent (3.5 kg of R-134a or R-449A) exempt from leak checking, Regulation (EU) No 517/2014.

⁽³⁾ Sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

⁽⁴⁾ Available static pressure of condensation.

* Available units with 400V 3N 50Hz power supply.

Electrical interconnections for 10 m cable

Power supply	230V 50Hz	400V 3N 50Hz
Probes	4 x 1 mm²	
Manoeuvre	2 x 1 mm²	3 x 1 mm²
Defrost	2 x 1,5 mm² + T	4 x 1,5 mm² + T
Control pad	2 x 1 mm²	
Switch door*	2 x 1 mm²	
Door heater cable	2 x 1 mm² at NT	
Cold room light*	2 x 1 mm² + T	

* Optional not included.
To know electrical interconnections of each model: see technical manual.

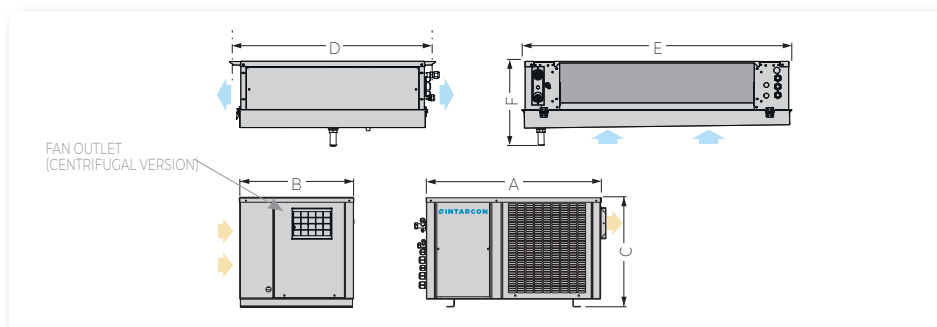
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2230V 50Hz / 400V 3N 50Hz | High temperature | Hermetic compressor | R-134a / R-449A

Refrigerant	Series / Model Axial	Compressor		Cooling capacity / Cold room volume, according to cold room temperature ⁽¹⁾						Input power (W)	Max. current (A)	Evap. flow (m³/h)	Liq-Gas Cooling Connection	Refrig. charge (kg) (2)	Weight (kg)	SPL dB(A) (3)	Price (€)	Series / Model Centrifugal	Cond. flow (m³/h)	PED (Pa) (4)	Price (€)
		HP	Power supply	9 °C		12 °C		15 °C													
				W	m³	W	m³	W	m³												
R-134a	ASH-DY-11015A	1/2	230V	1 555	14	1 733	19	1 928	26	750	5.9	1 100	1/4"-1/2"	< 2.0	48+32	32	4 006	ASH-CDY-11015A	575	80	4 442
	ASH-DY-11026A	3/4	230V	1 985	18	2 221	24	2 462	33	990	9.6	1 100	1/4"-1/2"	< 2.0	51+32	30	4 330	ASH-CDY-11026A	575	80	4 804
	ASH-DY-11033A	1	230V	2 378	22	2 636	29	2 903	40	1 370	9.8	1 100	1/4"-5/8"	< 2.0	51+32	33	4 859	ASH-CDY-11033A	575	80	5 394
	ASH-DY-22033A	1	230V	2 961	28	3 329	38	3 717	51	1 300	10.7	1 800	1/4"-5/8"	< 2.5	54+45	34	5 335	ASH-CDY-22033A	1 000	120	5 918
	ASH-DY-22053A	1 1/2	230V *	3 738	35	4 169	48	4 625	63	2 040	13.3	1 800	3/8"-3/4"	< 2.5	55+45	38	6 207	ASH-CDY-22053A	1 000	120	6 890
	ASH-DY-33053A	1 1/2	230V *	4 211	42	4 709	56	5 234	76	2 050	13.6	3 150	3/8"-3/4"	< 4.0	74+65	39	6 571	ASH-CDY-33053A	1 500	140	7 298
	ASH-DY-33074A	2	230V *	5 502	58	6 148	77	6 830	104	2 740	17.6	3 150	3/8"-3/4"	< 4.0	71+65	44	7 821	ASH-CDY-33074A	1 500	140	8 676
	ASH-DY-43086A	4	400V 3N	7 124	74	8 001	98	8 915	131	3 160	15.4	3 150	3/8"-7/8"	< 6.5	107+65	48	8 911	ASH-CDY-43086A	3 500	100	9 893
	ASH-DY-43108A	5	400V 3N	8 216	85	9 177	111	10 206	148	3 760	18.4	3 150	3/8"-7/8"	< 6.0	109+65	45	9 781	ASH-CDY-43108A	3 500	100	10 855
	ASH-DY-44108A	5	400V 3N	8 873	92	9 954	121	11 062	160	4 080	18.4	5 700	3/8"-7/8"	< 6.0	112+70	45	10 719	ASH-CDY-44108A	3 500	100	11 896
ASH-DY-44136A	6 1/2	400V 3N	10 988	114	12 206	148	13 498	195	4 570	22.4	5 700	1/2"-1 1/8"	< 6.0	112+70	44	11 790	ASH-CDY-44136A	3 500	100	13 087	
R-449A	ASH-DG-1010A	3/8	230V	1 237	10	1 341	14	1 455	19	770	5.2	1 100	1/4"-3/8"	< 2.5	42+32	34	3 672	ASH-CDG-1010A	575	80	4 147
	ASH-DG-1012A	1/2	230V	1 419	12	1 535	16	1 664	22	820	6.2	1 100	1/4"-3/8"	< 2.5	43+32	34	3 828	ASH-CDG-1012A	575	80	4 325
	ASH-DG-2014A	1/2	230V	1 829	16	1 965	22	2 109	29	950	7.4	1 100	1/4"-1/2"	< 3.0	45+32	35	3 985	ASH-CDG-2014A	1 000	120	4 498
	ASH-DG-2016A	5/8	230V	2 014	18	2 169	24	2 338	33	1 030	8.3	1 100	1/4"-1/2"	< 3.0	54+32	35	4 141	ASH-CDG-2016A	1 000	120	4 663
	ASH-DG-2018A	3/4	230V	2 309	22	2 481	28	2 675	38	1 230	9.6	1 100	1/4"-1/2"	< 3.0	55+32	35	4 375	ASH-CDG-2018A	1 000	120	4 905
	ASH-DG-2024A	1	230V	2 988	27	3 228	36	3 480	47	1 610	11.8	1 800	3/8"-5/8"	< 3.0	55+45	35	4 920	ASH-CDG-2024A	1 000	120	5 468
	ASH-DG-3026A	1 1/4	230V *	3 434	33	3 709	42	3 996	57	1 760	11.7	1 800	3/8"-5/8"	< 3.5	74+45	37	5 277	ASH-CDG-3026A	1 500	140	5 918
	ASH-DG-3034A	1 1/2	230V *	4 376	41	4 692	54	5 048	72	2 260	16.5	1 800	3/8"-5/8"	< 4.0	74+45	38	5 935	ASH-CDG-3034A	1 850	140	6 589
	ASH-DG-3038A	1 3/4	400V 3N	5 011	47	5 356	62	5 733	85	2 150	7.3	1 800	3/8"-5/8"	< 4.0	71+45	40	6 880	ASH-CDG-3038A	1 850	140	7 576
	ASH-DG-4048A	2	400V 3N	6 667	66	7 151	86	7 673	115	2 980	10.2	3 150	1/2"-3/4"	< 5.5	95+65	36	7 586	ASH-CDG-4048A	3 500	100	8 303
	ASH-DG-4054A	2 1/2	400V 3N	7 362	73	7 875	95	8 446	125	3 230	10.7	3 150	1/2"-3/4"	< 6.0	96+65	36	8 050	ASH-CDG-4054A	3 500	100	8 768
	ASH-DG-4060A	3	400V 3N	8 369	82	8 974	105	9 614	140	3 960	12.2	3 800	1/2"-7/8"	< 6.0	97+65	36	8 830	ASH-CDG-4060A	3 500	100	9 550
	ASH-DG-4068A	3 1/2	400V 3N	9 113	89	9 753	115	10 442	150	4 470	13.2	3 800	1/2"-7/8"	< 6.0	98+65	35	9 679	ASH-CDG-4068A	3 500	10	10 398

DIMENSIONS



Dimensions (mm)		A	B	C	D	E	F	Evaporator fans	Fan outlet
R-134a	11	665	435	416	798	736	310	1x Ø 360	185 x 115
	22	835	435	500	798	1 086	310	2x Ø 360	230 x 130
	33	925	580	515	798	1 786	310	3x Ø 360	305 x 266
	43	1 000	615	585	798	1 786	310	3x Ø 360	305 x 266
R-449A	44	1 000	615	585	888	2 186	360	3x Ø 450	305 x 266
	1 series	665	435	416	798	736	310	1x Ø 360	185 x 115
	ASH-DG 2014A up to 2018A	835	435	500	798	736	310	1x Ø 360	230 x 130
	ASH-DG 2024A	835	435	500	798	1 086	310	2x Ø 360	230 x 130
R-449A	3 series	925	580	515	798	1 086	310	2x Ø 360	266 x 236
	4 series	1 000	615	585	798	1 786	310	3x Ø 360	305 x 266

⁽¹⁾ Nominal performances refer to operation with cold room temperatures of 12 °C (HT) and ambient temperature of 35 °C. Estimated cold room volume according to conditions of the calculation bases (page 12).

⁽²⁾ Units with refrigerant charge less than 5 tons of CO₂ equivalent (35 kg of R-134a or R-449A) exempt from leak checking, Regulation (EU) No 517/2014.

⁽³⁾ Sound pressure level, with directivity 1, measured at 10 m from the unit (non-binding value calculated from sound power).

⁽⁴⁾ Available static pressure of condensation.

* Available units with 400V 3N 50Hz power supply.

Electrical interconnections for 10 m cable

Power supply	230V 50Hz	400V 3N 50Hz
Probes	4 x 1 mm²	
Manoeuvre	3 x 1 mm² + T	
Control pad	2 x 1 mm²	
Switch door*	2 x 1 mm²	
Door heater cable	2 x 1 mm² at NT	
Cold room light*	2 x 1 mm² + T	

* Optional not included.

To know electrical interconnections of each model: see technical manual.

Exhaust duct

Recommended size for 20 m long steel, PVC or fibreglass ducts (each elbow at 90° equals 5 m in length). For flexible or semi-flexible ducts use a larger size.

0 series	200 x 150 mm or Ø 150 mm
1 series	200 x 200 mm or Ø 150 mm
2 series	250 x 150 mm or Ø 200 mm
3 series	200 x 300 mm or Ø 250 mm
4 and 5 series	350 x 400 mm or Ø 360 mm

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