



CLOSE CONTROL
UNITS



2023



with[®]
imás
you have the
control...



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About Us

As Imas, we offer innovative products and solutions in the areas of cooling, air conditioning and ventilation for commercial, industrial, institutional buildings and residences. Our expertise in air conditioning combines technology and engineering with our experience and global vision; we increase the quality of the product in the areas where our customers work & live and the product in the production process.

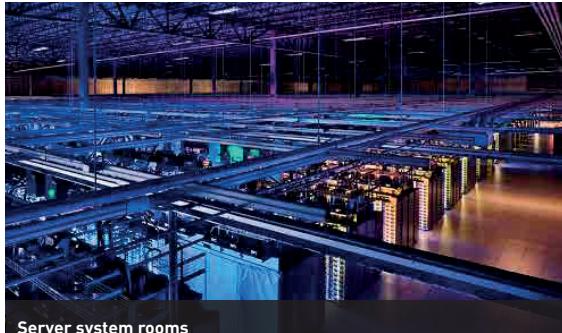
During our half century of production and marketing experience in the air conditioning sector, we have been the pioneer and implementer of many innovative ideas. In our modern factory in Izmir, air and water cooled split and package type air conditioners, radial-axial fan, open-closed type water cooling tower, fancoil units, special type air conditioning systems, precision controlled air conditioners, water chillers, unit heaters, power plants and ventilation cells are produced.

In the air conditioning sector, we establish international partnerships in order to fully meet the expectations and needs of our customers. With the world brands we distribute, Nicotra Gebhardt and Bluebox, we keep step with the changing necessity of the era and we contribute directly to the progress of our customers with innovative and technological products.

Imas, using the latest technologies around the world, takes our services to the highest level; We continue to grow with our principles targeting quality, stability and success.



PRECISION COOLING TECHNOLOGY



Server system rooms



Archive rooms



Laboratories



Museums



Ups rooms



Wine Cellars etc. warehouses that require special conditioning

CLOSE CONTROL

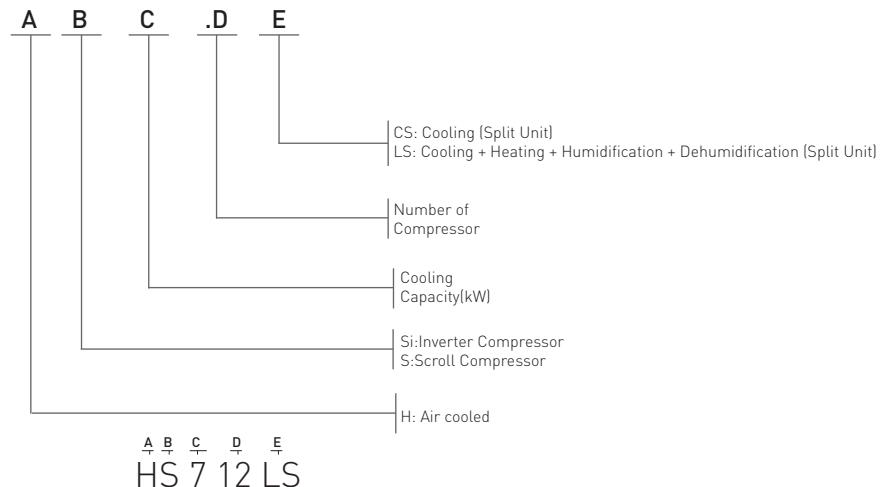
Precision cooling technology differs substantially from classical comfort air conditioning.

Air conditioning units dedicated to dissipate the heat generated by electronic equipment in data centers, computer rooms, technology environments in general have to meet very specific design paradigms as well as guarantee compactness, efficiency, reliability, ease of maintenance, interfacing with centralized monitoring systems.

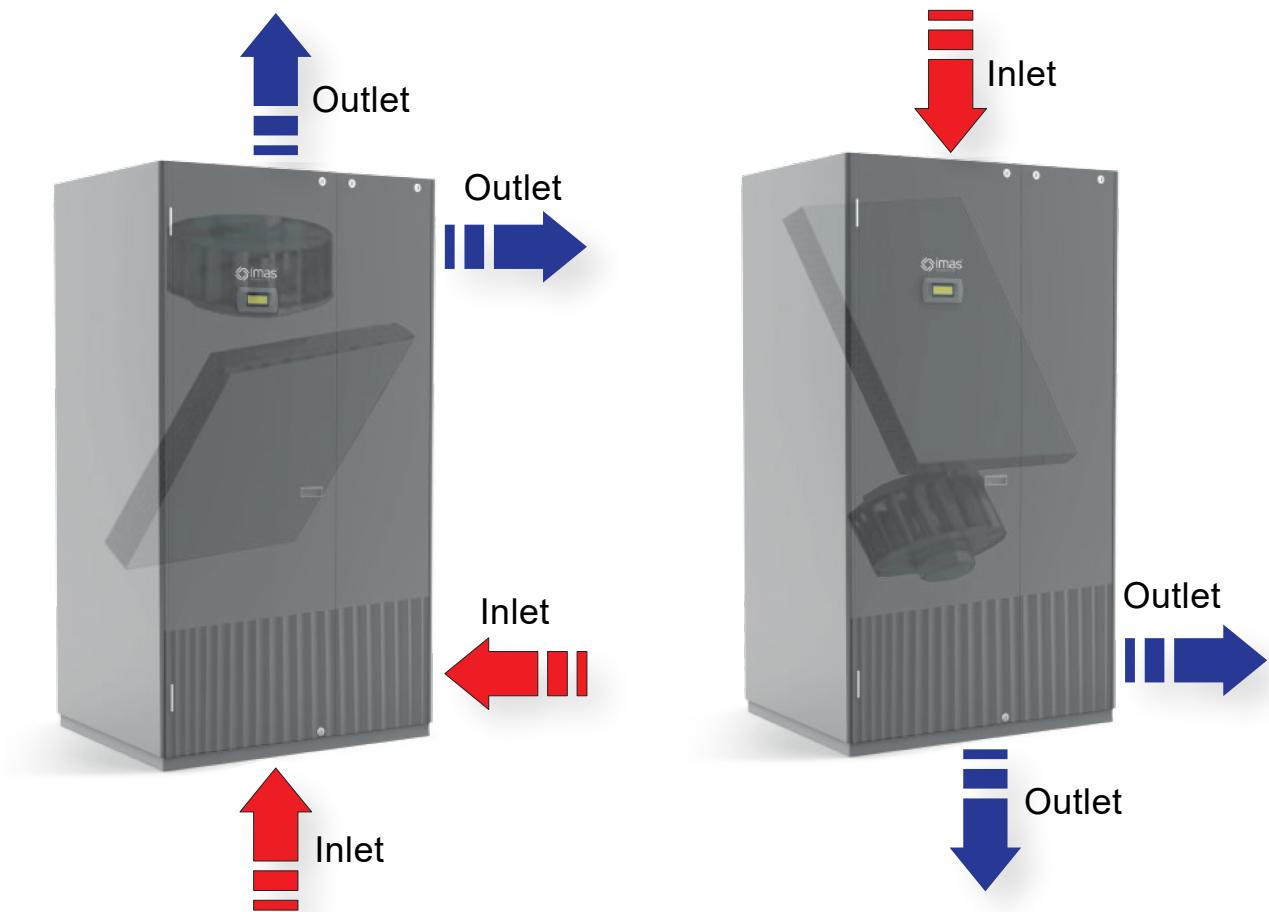
For all applications that require 24 hours of air conditioning per day, 365 days a year, without interruption, it becomes mandatory minimization of energy consumption and precise control of environmental conditions.

These results are obtained by products for precision cooling through the use of best technology and components and careful dedicated design.

Notation



Optional inlet/outlet selection variations



Close Control Units



Structure & panels

Self-supporting structure made of hot-dip galvanized sheet metal panels. External enclosure in double skin galvanized sheet metal panels, RAL7016 epoxy-polyester powder coated outside. Internal panel insulation in glasswool.

Standart Hermetic Scroll & Inverter Scroll Compressors

- Internal cutout thermal protection
- Internal high/low bypass valve
- Internal discharge check valve
- Oil sump heater

Humidifier

- Immersed electrode type humidifier (isothermal humidification)
- Replaceable bottle

AC & EC Fans

- High efficiency
- Directly driven backward curved radial fans
- Stepless modulation
- -15% Op. cost



Close Control Units

Model	Capacity (kW)	Air Flow Rate (m³/h)	Dimensions (Indoor Unit)(mm)			Total Absorbed Power	Humidifier Capacity (kg/h)	Heater Capacity (kW)
			W(width) mm	L(height) mm	H (height) mm			
HS 7.1 LS	7,12	1460	650	700	1850	2,89	1,5 - 3	3
HS 8.1 LS	7,68	1580	650	700	1850	3,04	1,5 - 3	3
HS 11.1 LS	10,5	2150	750	800	2000	4,21	1,5 - 3	5
HS 13.1 LS	13,5	2770	750	800	2000	5,03	1,5 - 3	5
HS 15.1 LS	15,65	3210	750	800	2000	5,67	1,5 - 3	5
HS 18.1 LS	17,85	3660	750	800	2000	7,12	5 - 8	5
HS 21.1 LS	20,8	4260	850	1100	2000	8,19	5 - 8	5
HS 23.1 LS	22,6	4630	850	1100	2000	8,57	5 - 8	5
HS 26.1 LS	26,6	5450	850	1100	2000	10,22	5 - 8	10
HS 31.1 LS	31,1	6370	850	1100	2000	11,43	5 - 8	10
HS 36.1 LS	37,1	7600	900	1750	2000	12,86	5 - 8	10
HS 39.1 LS	38,7	7930	900	1750	2000	15,3	5 - 8	10
HS 46.1 LS	45,6	9340	900	1750	2000	17,1	5 - 8	10

Air inlet 24°C, %50 RH, 45° condensing temperature.

Model	Capacity (kW)	Air Flow Rate (m³/h)	Dimensions (Indoor Unit)(mm)			Total Absorbed Power	Humidifier Capacity (kg/h)	Heater Capacity (kW)
			W(width) mm	L(height) mm	H (height) mm			
HS 21.2 LS	21	4300	850	1300	2000	8,38	5 - 8	5
HS 27.2 LS	27	5530	850	1300	2000	10,39	5 - 8	10
HS 31.2 LS	31,3	6410	850	1300	2000	11,59	5 - 8	10
HS 36.2 LS	35,7	7310	900	1750	2000	12,97	5 - 8	10
HS 42.2 LS	41,6	8520	900	1750	2000	16,38	5 - 8	10
HS 46.2 LS	45,2	9260	900	1750	2000	17,14	5 - 8	10
HS 53.2 LS	53,2	10900	900	1750	2000	20,44	5 - 8	10
HS 62.2 LS	62,2	12740	900	1750	2000	22,86	5 - 8	10
HS 67.2 LS	68,2	13970	900	1750	2000	24,29	5 - 8	15
HS 74.2 LS	74,2	15200	900	2700	2000	25,72	5 - 8	15
HS 78.2 LS	77,4	15850	900	2700	2000	29,91	5 - 8	15
HS 85.2 LS	84,3	17270	900	2700	2000	31,71	5 - 8	15
HS 92.2 LS	91,8	18800	900	2700	2000	33,51	5 - 8	15
HS 105.2 LS	105,1	21530	900	2700	2000	37,3	5 - 8	15

Air inlet 24°C, %50 RH, 45° condensing temperature.



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