

DDS

DCS

**DESIGN WALL-MOUNTED DEHUMIDIFIERS
FOR SMALL SWIMMING POOLS**



DDS and **DCS** series dehumidifiers with advanced control are completely autonomous and are conceived for wall-mounted installation in small private swimming pools.

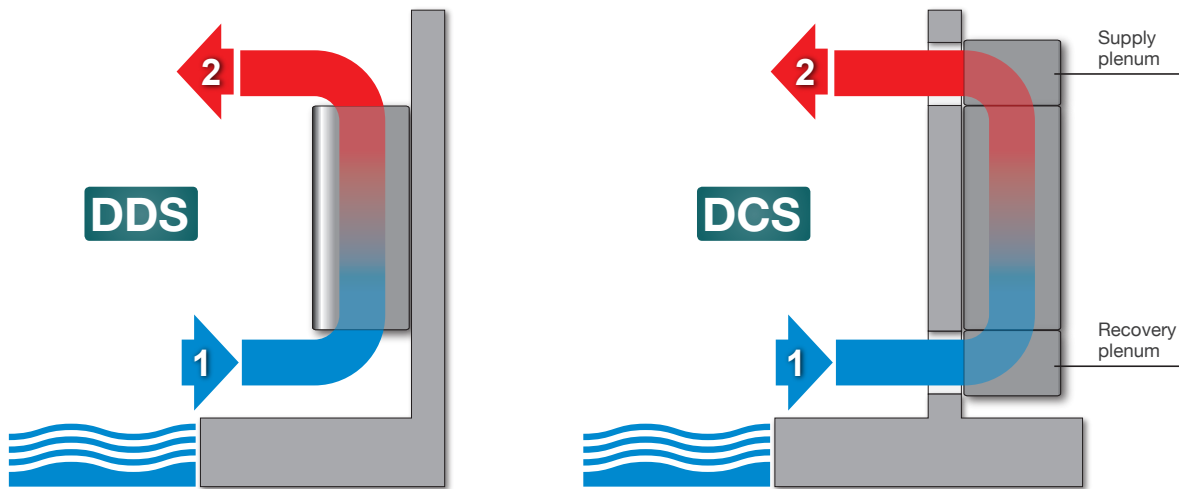
DDS models are thought to be installed directly in the room to be dehumidified and the pleasant design is suitable also for other ambiances, such as museum, archives, libraries, churches, cellars and basements. The sober but elegant look eases the installation in public and private ambiances, generally characterized by a sophisticated design.

DCS models are thought for the installation in a technical room adjacent to the ambience to dehumidify: in this case, the installation requires supply and recover grilles.

The series consists of 10 models, from 46 up to 226 L/day.

DDS and DCS dehumidifiers are completely autonomous in managing humidity: the control on board reads the ambient humidity and activates the dehumidification process when necessary: finally, the installation of these units is particularly simple.





DDS - DCS

Technical sheet of the range

		040	050	060	070	090	100	160	190	210	230
Dehumidifying capacity (at 30°C / 80% R.H.)	L/day	46	52	61	68	89	98	165	186	211	226
Nominal air flow	m ³ /h	350	450	500	600	700	800	1000	1200	1500	1500
Hot water coil capacity (1)	kW	3,7	4,5	4,5	6,1	6,8	7,5	10,1	11,5	14,5	14,5
Load losses water without valve	kPa	8	11	11	25	30	36	14	18	32	32
Load losses water with valve	kPa	11	16	16	35	42	50	24	31	52	52
Electrical heater capacity	kW	1,5	1,5	1,5	2	3,6	3,6	4	4	7,2	7,2
Power consumption	kW	0,9	0,9	1	1	1,7	1,7	2,6	2,7	3,6	3,9
Dimensions L x H x D	mm	850 x 780 x 280			1050 x 780 x 280			1350 x 850 x 330		1550 x 850 x 330	
Refrigerant gas		R410A									
Power supply	V/ph/Hz	230 / 1 / 50					400 / 3+N / 50				
Working temperature range	°C	12 - 36									
Working humidity range	% R.H.	45 - 95									

(1) Hot water coil capacity declared at the following conditions: water T 80°C, ambient T 30°C.

Options:

- Advanced control
- Advance remote display
- Hot water coil
- Electrical heaters for air
- Hot water coil with 3-ways valve
- Silent version
- Serial board RS485 for Modbus communication (only combined with the advanced control)
- Mechanical hygrosat on board (only combined with the standard control)
- Remote mechanical hygrosat
- Chrono – thermo hygrosat
- Supply and recovery plenum (only for DCS models)
- Supply and recovery grilles (only for DCS models)