



## Halton Marine Cruise Segment

### References

Halton Marine, one of the world's leading suppliers of marine HVAC, develops, manufactures and markets reliable, high-quality ventilation solutions specifically designed for the marine, oil & gas and navy applications. Halton Marine's main product groups are HVAC dampers, galley and cabin ventilation, airflow distribution and management products.

Cruise ships and offshore installations today welcome large numbers of passengers and employees worldwide. Outside conditions can be extreme, but the requirements stay the same. Typically passengers and crew appreciate **comfortable air conditioning, good air quality, and a safe indoor environment**. Halton Marine concentrates on providing safety and comfort aboard ships with high-quality ventilation solutions.

The technical quality and proper functioning of Halton's solutions, built in state-of-the-art production facilities, are tested in Halton's own laboratories and test facilities as well as in independent research laboratories around the world. Halton's R&D centers offer Indoor Climate Testing services to test and verify the performance of each solution.



### Scope of supply

- A complete air-condition package for cabin ventilation including energy-efficient solutions
- High-efficiency galley ventilation equipment including UV-light technology
- A wide range of high-quality fire and gas dampers
- Airflow management and distribution products

When Safety and Comfort Matter

**Halton**  
MARINE

Owner	Hull	Name	Shipyard	Year	GH	CV	FD	*
Birka Cruises	442	Birka Paradise	Aker Finnyards	2004	X		X	
Carnival Cruise Lines	499	Carnival Spirit	Kvaerner Helsinki	2001	X		X	
Carnival Cruise Lines	500	Carnival Pride	Kvaerner Helsinki	2001	X		X	
Carnival Cruise Lines	501	Carnival Legend	Kvaerner Helsinki	2002	X		X	
Carnival Cruise Lines	503	Carnival Miracle	Kvaerner Helsinki	2004	X		X	
Costa Crociere	498	Costa Atlantica	Kvaerner Helsinki	2000	X		X	
Costa Crociere	502	Costa Mediterranea	Kvaerner Helsinki	2003	X		X	
Hapag-Lloyd	495	Europa	Kvaerner Helsinki	1999	X			
Royal Caribbean Cruise Line	1344	Voyager OTS	Kvaerner Turku	1999				X
Royal Caribbean Cruise Line	1345	Explorer OTS	Kvaerner Turku	2000				X
Royal Caribbean Cruise Line	1346	Adventurer OTS	Kvaerner Turku	2001				X
Royal Caribbean Cruise Line	1347	Navigator OTS	Kvaerner Turku	2003	X		X	
Royal Caribbean Cruise Line	1348	Mariner OTS	Kvaerner Turku	2003	X		X	
Royal Caribbean Cruise Line	1352	Freedom OTS	Kvaerner Turku	2006				X
Royal Caribbean Cruise Line	1353	Liberty OTS	Kvaerner Turku	2007				X
Royal Caribbean Cruise Line	1354	Independence OTS	Aker Turku	2008				X
Royal Caribbean Cruise Line	1363	Unnamed	Aker Turku	2009				X
Royal Caribbean Cruise Line	1364	Unnamed	Aker Turku	2010				X
Azamara Cruises	31Q	Azamara Journey	Atlantique	2000		X		
Azamara Cruises	31Y	Azamara Quest	Atlantique	2000		X		
Carnival Cruise Lines	31R	Millennium	Atlantique	2000		X	X	
Crystal Cruises	32H	Crystal Serenity	Atlantique	2003	X	X	X	
Cunard Line	32G	Queen Mary 2	Atlantique	2003	X	X	X	
MSC Cruises	32K	MSC Lirica	Atlantique	2003		X	X	
MSC Cruises	32L	MSC Opera	Atlantique	2004	X	X	X	
MSC Cruises	32Q	MSC Musica	Atlantique	2006	X	X	X	
MSC Cruises	32R	MSC Orchestra	Atlantique	2007	X	X	X	
MSC Cruises	S32	MSC Poesia	Aker France	2008	X	X	X	
MSC Cruises	A33	MSC Fantasia	Aker France	2008	X	X	X	
MSC Cruises	B33	MSC Serenata	Aker France	2009	X	X	X	
MSC Cruises	T32	MSC Magnifica	Aker France	2010	X	X	X	
Oceania Cruises	31H	Regatta	Atlantique	1998		X		
Oceania Cruises	31I	Insignia	Atlantique	1998		X		
Oceania Cruises	31P	Nautica	Atlantique	2000		X		
P&O Cruises Australia	31N	Pacific Princess	Atlantique	1999		X		
P&O Cruises Australia	31O	Tahitian Princess	Atlantique	1999		X		
Princess Cruises	31Z	Royal Princess	Atlantique	2001		X		
Princess Cruises	32C	Coral Princess	Atlantique	2002	X	X	X	
Princess Cruises	32D	Island Princess	Atlantique	2003	X	X	X	
Regent Seven Seas	31G	Paul Gauguin	Atlantique	1998		X		
Aida Cruises	3	Aida Vita	Aker MTW	2002	X		X	
Aida Cruises	4	Aida Aura	Aker MTW	2003	X		X	

\* GH » galley water wash hoods, canopies  
CV » cabin ventilation equipment such as cabin units and controllers  
FD » fire and gas dampers, fire dampers

Owner	Hull	Name	Shipyard	Year	GH	CV	FD	*
Celebrity Cruises	675	Celebrity Solstice	Meyer Werft	2008			X	
Celebrity Cruises	676	Celebrity Equinox	Meyer Werft	2009			X	
Norwegian Cruise Line	649	Norwegian Dawn	Meyer Werft	2003			X	
Norwegian Cruise Line		Pride of America	Lloyd Werft	2005			X	
Norwegian Cruise Line	667	Norwegian Jewel	Meyer Werft	2005		X	X	
Norwegian Cruise Line	668	Pride of Hawaii	Meyer Werft	2006		X	X	
Norwegian Cruise Line	669	Norwegian Pearl	Meyer Werft	2006		X	X	
Norwegian Cruise Line	670	Norwegian Gem	Meyer Werft	2007		X	X	
Royal Caribbean Cruise Line	655	Radiance OTS	Meyer Werft	2001			X	
Royal Caribbean Cruise Line	656	Brilliance OTS	Meyer Werft	2002			X	
Royal Caribbean Cruise Line	657	Serenade OTS	Meyer Werft	2003			X	
Royal Caribbean Cruise Line	658	Jewel OTS	Meyer Werft	2004			X	
Carnival Cruise Lines	5979	Carnival Triumph	Fincantieri	1999	X		X	
Carnival Cruise Lines	6045	Carnival Victory	Fincantieri	2000	X		X	
Carnival Cruise Lines	6057	Carnival Conquest	Fincantieri	2002	X	X	X	
Carnival Cruise Lines	6058	Carnival Glory	Fincantieri	2003	X	X	X	
Carnival Cruise Lines	6082	Carnival Valor	Fincantieri	2004	X	X	X	
Carnival Cruise Lines	6111	Carnival Liberty	Fincantieri	2005	X	X	X	
Carnival Cruise Lines	6129	Carnival Freedom	Fincantieri	2007	X	X	X	
Carnival Cruise Lines	6135	Carnival Splendor	Fincantieri	2008	X	X	X	
Carnival Cruise Lines	6151	Carnival Dream	Fincantieri	2009	X	X	X	
Costa Crociere	6086	Costa Fortuna	Fincantieri	2003	X	X	X	
Costa Crociere	6087	Costa Magica	Fincantieri	2004	X	X	X	
Costa Crociere	6122	Costa Concordia	Fincantieri	2006	X	X	X	
Costa Crociere	6130	Costa Serena	Fincantieri	2007	X	X	X	
Costa Crociere	6155	Costa Luminosa	Fincantieri	2008	X	X	X	
Holland America C.L.	6035	Volendam	Fincantieri	1999	X		X	
Holland America C.L.	6052	Amsterdam	Fincantieri	2000	X		X	
Holland America C.L.	6036	Zaandam	Fincantieri	2000	X		X	
P&O Cruises	6044	Oceana	Fincantieri	2000	X		X	
P&O Cruises	6131	Emerald Princess	Fincantieri	2007	X	X	X	
P&O Cruises	6132	Ventura	Fincantieri	2008	X	X	X	
Princess Cruises	5956	Grand Princess	Fincantieri	1998	X		X	
Princess Cruises	5988	Sea Princess	Fincantieri	1998	X		X	
Princess Cruises	6050	Golden Princess	Fincantieri	2001	X		X	
Princess Cruises	6051	Star Princess	Fincantieri	2002	X		X	
Princess Cruises	6067	Caribbean Princess	Fincantieri	2004	X		X	
Princess Cruises	6100	Crown Princess	Fincantieri	2005	X	X	X	
Princess Cruises	6150	Ruby Princess	Fincantieri	2008	X	X	X	
Princess Cruises	2180	Sapphire Princess	Mitsubishi	2004		X	X	
Princess Cruises	2181	Diamond Princess	Mitsubishi	2004		X	X	

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