

Marine type A/C Deck Unit



Advantages:

- ① Plug & Play unit with compact dimensions for installation at the deck.
- ② Stainless steel evaporator chamber insulated with B-15 class incombustible materials.
- ③ Two scroll compressors for 50%-100% capacity control and reserve in case of failure of one compressor.

Model		DU.20.SW.Aa	DU.30.SW.Aa	DU.40.SW.Aa	DU.50.SW.Aa	
Cooling capacity [®]	50Hz	kW	60.4	89.6	124.0	151.6
		R.Tons	17.2	25.4	35.2	43.1
	60Hz	kW	73.4	109.6	148.8	184.4
		R.Tons	20.8	31.1	42.3	52.4
Power supply		3 Phase, 380/440V, 50/60 Hz				
Compressor		Danfoss hermetically sealed scroll type				
Type		2 x SZ120	2 x SZ185	2 x SZ240	2 x SZ300	
Input (50/60Hz)	kW	14.4 / 17.4	22.4 / 26.6	30.2 / 37.4	36.8 / 45.4	
Condenser		Sea Water Shell & cross fin tube copper-nickel 90/10				
Evaporator		Cross fin coil (Copper tubes/aluminum fins)				
Exchange surface	m ²	150.00	195.00	240.00	360.00	
Evaporator Fan		Multi blade fan				
Drive		Belt Drive				
Power input (50/60Hz)	kW	5.00	7.50	11.00	15.00	
Air flow rate	50Hz	m ³ /h	7,500	8,300	11,800	12,900
	60Hz		8,800	9,900	14,000	15,300
External static pressure	50Hz	Pa	900	1,000	1,200	1,400
	60Hz					
Heating		Water coil				
Refrigerant		R407C				
Control		Thermostatic expansion valve				
Air filter (factory set)		Polypropylene G2 (Washable)				
Dimensions (mm)	W	1,500	1,800	2,100	2,100	
	H	1,560	1,560	1,560	1,560	
	D	2,200	2,200	2,200	2,200	

Notes: [®] Cooling capacity based on evaporator entering air temp. 27°C D.B. (81°F D.B.) - 19,5°C W.B. (67°F W.B.) and entering condenser water temp. 32°C (90°F).

