

## 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.

<b>Model</b>		<b>DU.20.SW.Aa</b>	<b>DU.30.SW.Aa</b>	<b>DU.40.SW.Aa</b>	<b>DU.50.SW.Aa</b>	
<b>Cooling capacity<sup>®</sup></b>	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
<b>Power supply</b>		3 Phase, 380/440V, 50/60 Hz				
<b>Compressor</b>		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	
<b>Condenser</b>		Sea Water Shell & cross fin tube copper-nickel 90/10				
<b>Evaporator</b>		Cross fin coil (Copper tubes/aluminum fins)				
Exchange surface	m <sup>2</sup>	150.00	195.00	240.00	360.00	
<b>Evaporator Fan</b>		Multi blade fan				
Drive		Belt Drive				
Power input (50/60Hz)	kW	5.00	7.50	11.00	15.00	
Air flow rate	50Hz	m <sup>3</sup> /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					
<b>Heating</b>		Water coil				
<b>Refrigerant</b>		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:** <sup>®</sup> 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).

