

# DHF series double side blowing air coolers



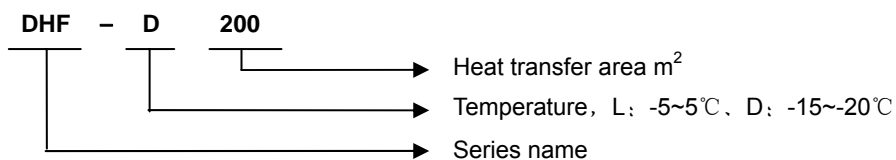
## 1. Product description

The DHF series Products are air coolers special applicable to cold storage for food process workshop. They feature double sided air blowing with softer air flow. They are divided into 2 groups by temperature, the L group, for 0°C, D for -18°C. All the products are anti-rusty, corrosion proof, and high reliability.

## 2. Main components

- ◆ Magnalium body.
- ◆ Defrosting with stainless steel electric heater
- ◆ Inner-groove copper tube

## 3. Model code



## 4. Specifications

Fin space: 4.0mm

Model	Capacity kw	Area m <sup>2</sup>	Tube cubage L	Fan motor				Defrost	
				Air	Dia.	Input	Voltage	Input	voltafe
				m3/h	mm	w	v	kw	v
DHF-L23A	5.5	22.8	2.5	4000	400	1×250	380	0.8	220
DHF-L30A	7.3	30.4	3.4	4000	400	1×250	380	1.2	220
DHF-L42A	10.1	42.0	4.4	8000	400	2×250	380	1.4	220
DHF-L56A	13.5	56.1	5.9	8000	400	2×250	380	1.6	220
DHF-L70A	16.8	70.0	7.2	12000	400	3×250	380	2.4	220
DHF-L88A	21.0	87.6	8.9	12000	400	3×250	380	3.6	220
DHF-L117A	28.0	116.8	11.7	16000	400	4×250	380	4.8	220
DHF-L140A	33.6	140.2	14.0	16000	400	4×250	380	6.4	220

Capacity test condition: cold room temperature: 2°C, DT: 8K.

Fin space: 6.0mm

Model	Capacity	Area	Tube cubage	Fan motor				Defrost	
				Air	Dia.	Input	Voltage	Input	voltafe
	kw	m <sup>2</sup>	L	m3/h	mm	w	v	kw	v
DHF-D16A	3.1	15.6	2.5	4000	400	1×250	380	1.6	220
DHF-D21A	4.1	20.8	3.4	4000	400	1×250	380	1.8	220
DHF-D29A	5.8	28.8	4.4	8000	400	2×250	380	2.8	220
DHF-D38A	7.7	38.4	5.9	8000	400	2×250	380	3.2	220
DHF-D48A	9.6	48.0	7.2	12000	400	3×250	380	3.6	220
DHF-D60A	12.0	60.0	9.5	12000	400	3×250	380	4.8	220
DHF-D80A	16.0	80.0	10.6	16000	400	4×250	380	6.4	220
DHF-D96A	19.2	96.0	14.0	16000	400	4×250	380	8.0	220

Capacity test condition: cold room temperature: -18°C, DT: 8K.

### 5. Overall dimensions

Model	Overall size (mm)			Top install size (mm)						Connect pipe(mm)		Drainage pipe dia.
	A	B	C	D	E	E1	E2	E3	F	Inlet	outlet	
DHF-D16A DHF-L23A	900	1080	455	1030	680	—	—	—	110	φ12	φ16	2×1"
DHF-D21A DHF-L30A	900	1080	455	1030	680	—	—	—	110	φ12	φ22	
DHF-D29A DHF-L42A	1450	1080	455	1030	1230	615	—	—	110	φ16	φ22	
DHF-D38A DHF-L56A	1450	1080	455	1030	1230	615	—	—	110	φ16	φ28	
DHF-D48A DHF-L70A	1750	1080	455	1030	1530	515	500	—	110	φ16	φ35	
DHF-D60A DHF-L88A	1750	1080	455	1030	1530	515	500	—	110			
DHF-D80A DHF-L117A	2250	1080	455	1030	2030	515	500	500	110	φ22	φ42	
DHF-D96A DHF-L140A	2250	1080	455	1030	2030	515	500	500	110			

