

DD Evaporators

The DD line of Unit Coolers are suitable for any application of Refrigeration or Air Condition with all the new HFC's and HCFC's refrigerants. The indicated capacities, air flows, air throws and power consumptions were verified by the best technological equipment.

The Coil is made with the highest level of Corrugated Aluminum Fins in standard thickness of 0.2mm and 12mm Copper tubes in thickness of 0.4mm, on request different thicknesses are available.

Product quality is ensured by inspecting the proper mechanical expansion of tubes into the fins; the welding of bends, nipples, and headers in an inert atmosphere; and the final pressure leak test in a water bath. During the final inspection, the product is checked against the customer's dimensional and qualitative specifications to ascertain its compliance

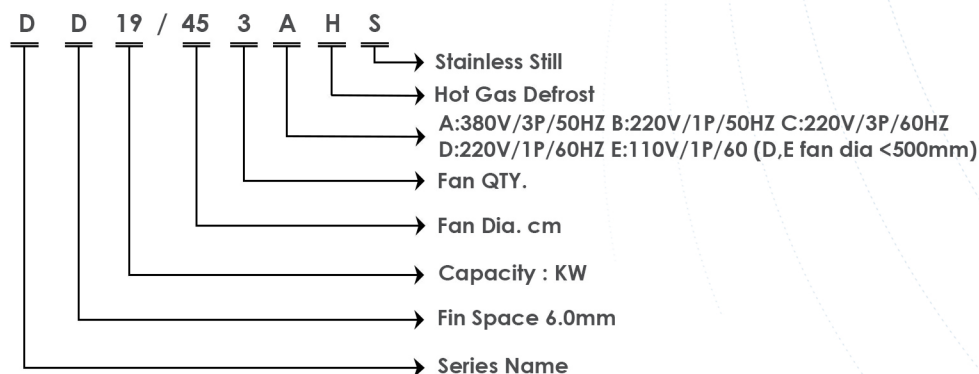
Product Specification:

- Casing made of Galvanized Steel painted with Epoxy Coating Or completely with Stainless Steel
- Electrical Connection Box assembled
- All units are supplied with standard 240vac 50 Hz fan motors, single or three-phase, certified by our suppliers and tested at our plants, on request Extra High Air Volumes
- Every Evaporator has both Electric Defrost system consists of stainless steel electric heaters fitted inside the finned block and on the internal drip tray plus Hot Gas Defrost
- Easy to Service Drainage Pan with the Hook system

Optional Accessories:

- Axial Fans with different Voltage and/or Different RPM
- EC Fans / ATEX Motors
- Fan Speed Regulation
- Fan Heaters
- Water Defrost
- Insulated Pan
- Anti-Corrosion Treatment

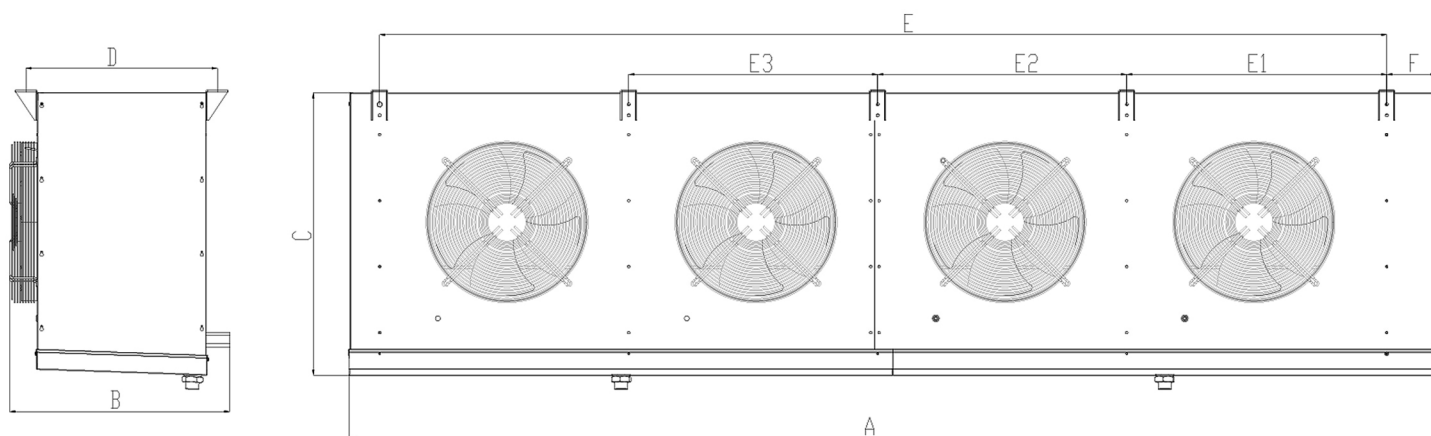
Nomenclature



Specifications

Model	Capacity (kw) 404A		Air flow (m ³ /h)	Air flow m	Area (m ²)	Fan W	Hot Gas Defrosting	Overall Size (mm)			
	-5°	-25°						A	B	C	D
DD1.4/311A	2.19	1.38	1500	9	5.5	90	5/8"	642	445	465	364
DD2.3/311A	3.50	2.20	1500	9	8.5	90	5/8"	642	445	465	364
DD3/312A	4.67	2.94	3000	9	11	180	5/8"	1092	445	465	364
DD4.5/312A	6.86	4.32	3000	9	20	180	5/8"	1108	455	465	384
DD6/352A	9.20	5.79	4500	10	27	280	5/8"	1408	455	465	384
DD7.5/402A	11.53	7.26	7000	12	33	390	5/8"	1488	555	565	484
DD9/402A	13.87	8.74	7000	12	40	390	5/8"	1488	555	665	484
DD11/402A	16.94	10.67	7000	12	47	390	5/8"	1488	555	565	484
DD15.5/502A	23.80	14.99	12000	15	67	1000	7/8"	1758	555	665	484
DD19/453A	29.20	18.40	13500	14	80	840	7/8"	2121	595	665	502
DD24/503A	36.79	23.18	18000	15	94	1500	7/8"	2400	595	665	502
DD29/503A	44.53	28.06	18000	15	120	15000	-	2704	595	665	502
DD32/503A	49.06	30.91	18000	15	140	1500	-	2704	595	665	502
DD38/504A	58.25	36.70	24000	15	160	2000	-	3938	785	675	682
DD47/554A	72.12	45.44	30000	18	200	3000	-	3938	785	775	682
DD58/554A	88.91	56.02	30000	18	235	3000	-	3978	785	975	682
DD72/604A	110.38	69.55	42000	18	285	3400	-	3978	785	1175	682
DD79/634A	121.18	76.36	46000	18	300	3520	-	3988	785	1275	682
DD88/634A	134.9	85	46000	20	356	3520	-	3988	785	1375	682

* Evaporating Conditions -5°C/DT=10k -25°C/DT=8k



Specifications

Overall Size (mm)					Pipe dia mm		Electrical Defrosting		Drainage	Weight	Model
E	E1	E2	E3	F	Liquid	Gas	Coil	Pan			
440	-	-	-	105	φ12.7	φ12.7	1	0.5	7/8"	23.5	DD1.4/311A
440	-	-	-	105	φ12.7	φ19	1.5	0.5	7/8"	26	DD2.3/311A
860	-	-	-	120	φ12.7	φ22	2	1	7/8"	40	DD3/312A
860	-	-	-	120	φ12.7	φ22	3	1	7/8"	43	DD4.5/312A
1160	-	-	-	135	φ16	φ22	3.6	1.2	7/8"	51	DD6/352A
1240	-	-	-	135	φ16	φ22	6	1.5	7/8"	70	DD7.5/402A
1240	-	-	-	135	φ16	φ28	6	1.5	7/8"	79.5	DD9/402A
1240	-	-	-	135	φ16	φ28	7.5	1.5	7/8"	77	DD11/402A
1480	-	-	-	135	φ22	φ35	10.8	1.8	-	109	DD15.5/502A
1801	627	587	-	160	φ22	φ35	12	2	-	137	DD19/453A
2080	720	680	-	160	φ22	φ42	15	2.5	-	155	DD24/503A
2374	818	778	-	160	φ22	φ42	18	3	-	171	DD29/503A
2374	818	778	-	160	φ22	φ54	18	3	-	184	DD32/503A
3600	930	885	895	170	φ22	φ54	24	4	-	270	DD38/504A
3600	930	885	895	170	φ22	φ54	28	4	-	303	DD47/554A
3600	930	885	895	170	φ28	φ54	36	4	-	361	DD58/554A
3600	930	885	895	170	φ28	φ60	44	4	-	428	DD72/604A
3620	950	890	890	170	φ35	φ60	48	4	-	471	DD79/634A
3620	950	890	890	170	φ35	φ60	52	4	-	500	DD88/634A

