



NEW CDT

Refrigerant Air Dryer

With After Cooler

High Temperature Series



Design For High Temperature Air Inlet Only.
 Model 200 Upper Discharge Heat From The Top Of The Machine
 Please Select Model With **AFTER COOLER** For High Temperature Air Inlet To Save Energy.

Warranty
 Compressor
 Evaporator **2** years Energy Saving / High-Efficiency / High-Quality

Technical Specification of CDT-A Series Air cooled Dryer

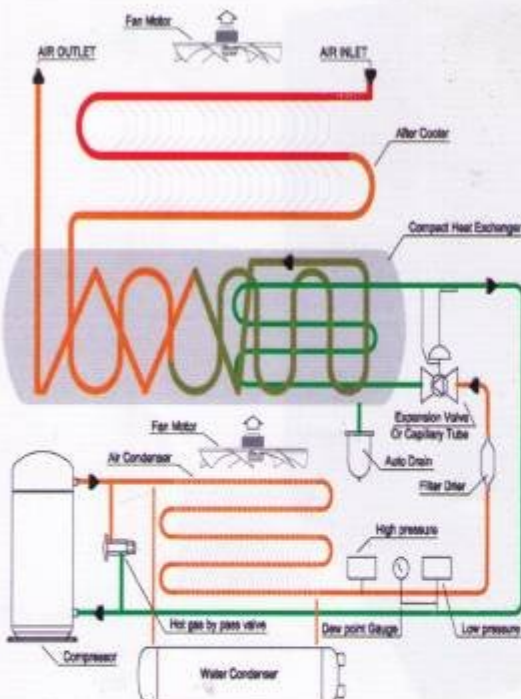
MODEL	AIR FLOW		POWER SUPPLY V/Ph/Hz	NOMINAL POWER kw	CONNECTION inch	DIMENSION			WEIGHT kg.	REFRIGERANT
	(m ³ / min)	(CFM)				L.	W.	H.		
CDT-8A	0.9	32	220 / 1 / 50	0.31	1" PT	718	388	880	80	R134a
CDT-10A	1.4	50	220 / 1 / 50	0.51	1" PT	718	388	880	88	R134a
CDT-15A	1.8	64	220 / 1 / 50	0.54	1" PT	718	388	880	91	R134a
CDT-20A	2.7	95	220 / 1 / 50	0.96	1" PT	718	388	880	97	R-22 / R407C
CDT-30A	4.3	152	220 / 1 / 50	1.12	1 1/2" PT	868	388	1200	113	R-22 / R407C
CDT-40A	5.5	194	220 / 1 / 50	1.23	1 1/2" PT	868	388	1200	128	R-22 / R407C
CDT-50A	6.8	240	220 / 1 / 50	1.57	1 1/2" PT	868	388	1200	137	R-22 / R407C
CDT-60A	8.1	286	220 / 1 / 50	1.83	2" PT	1200	450	1350	150	R-22 / R407C
CDT-75A	11	389	220 / 1 / 50	2.66	2" PT	1200	450	1350	200	R-22 / R407C
CDT-100A	15	530	380 / 3 / 50	3.28	2 1/2" PT	1200	600	1600	267	R-22 / R407C
CDT-125A	18	636	380 / 3 / 50	3.68	2 1/2" PT	1200	600	1600	279	R-22 / R407C
CDT-150A	23	813	380 / 3 / 50	4.63	2 1/2" PT	1200	600	1600	624	R-22 / R407C
CDT-175A	28	990	380 / 3 / 50	5.03	2 1/2" PT	1200	600	1600	367	R-22 / R407C
CDT-200A	30	1060	380 / 3 / 50	5.92	3" PT	1500	1000	1850	485	R-22 / R407C
CDT-250A	36	1272	380 / 3 / 50	6.53	3" PT	1500	1000	1850	536	R-22 / R407C
CDT-300A	43	1519	380 / 3 / 50	9.11	4" FL	1800	1000	2000	617	R-22 / R407C
CDT-350A	48	1696	380 / 3 / 50	10.56	4" FL	1800	1000	2000	678	R-22 / R407C

Technical Specification of CDT-W Series Water cooled Dryer

MODEL	AIR FLOW		POWER SUPPLY V/Ph/Hz	NOMINAL POWER kw	CONNECTION inch	DIMENSION			WEIGHT kg.	REFRIGERANT
	(m ³ / min)	(CFM)				L.	W.	H.		
CDT-100W	17	595	380 / 3 / 50	2.71	2 1/2" PT	1200	600	1150	258	R-22 / R407C
CDT-150W	26	910	380 / 3 / 50	4.06	2 1/2" PT	1200	600	1150	333	R-22 / R407C
CDT-200W	33	1155	380 / 3 / 50	5.21	3" PT	1500	600	1580	476	R-22 / R407C
CDT-250W	40	1400	380 / 3 / 50	5.81	3" PT	1500	600	1580	528	R-22 / R407C
CDT-300W	48	1680	380 / 3 / 50	7.55	4" FL	1500	600	1580	603	R-22 / R407C
CDT-400W	68	2380	380 / 3 / 50	10.11	4" FL	1600	800	1700	790	R-22 / R407C
CDT-500W	81	2835	380 / 3 / 50	11.36	6" FL	1600	800	1700	995	R-22 / R407C
CDT-600W	99	3465	380 / 3 / 50	13.65	6" FL	1600	800	1700	1120	R-22 / R407C

*The specification subject to change without notice in advance.

CDT- 100 A (Air Cooled) C (Digital Temp.) S (R22)
W (Water Cooled) N (Not Digital Temp.) O (R407c)



Dryer maximum air flow = Dryer air flow x K1 x K2 x K3 x K4

Correction factor								
Ambient temperature °C	28	30	32	35	38	40	42	43
Factor (K1)	1,14	1,11	1,08	1,00	0,96	0,89	0,82	0,78
Air inlet temperature °C	45	50	55	60	65	70	75	80
Factor (K2)	1,12	1,08	1,00	0,92	0,84	0,72	0,70	0,68
Working pressure Kg/cm ²	4	5	6	7	8	9	10	13
Factor (K3)	0,80	0,90	0,94	1,00	1,04	1,07	1,10	1,13
Pressure Dew point °C	2	3	4	5	6	7	8	10
Factor (K4)	0,96	1,00	1,04	1,06	1,08	1,10	1,14	1,16

- 1, CDT Series Air Inlet Temperature 80°C (Max.)
- 2, Pressure Dew Point 2~10 °C
- 3, Ambient Temperature 10~43°C
- 4, Independent After Cooler
- 5, Air In-Out Pressure Drop < 3 Psig
- 6, 2 Years Warranty for Compressor And Evaporator.

Most of the Dryers on the Market are without the After-Cooler, usually People choose the bigger size of air dryer or compressor due to no After-Cooler. Result to higher power consumption.

COOLIN



บริษัท นิวแม็กซ์ จำกัด

107/1 หมู่ 8 อ.เฉลิมพระเกียรติวดี 9 แขวงประเวศ เขตประเวศ กรุงเทพฯ 10250

โทร 0 2726 8000 ต่อ 640 โทรสาร 0 27268266-9

Email : sales.air@pneumax.co.th