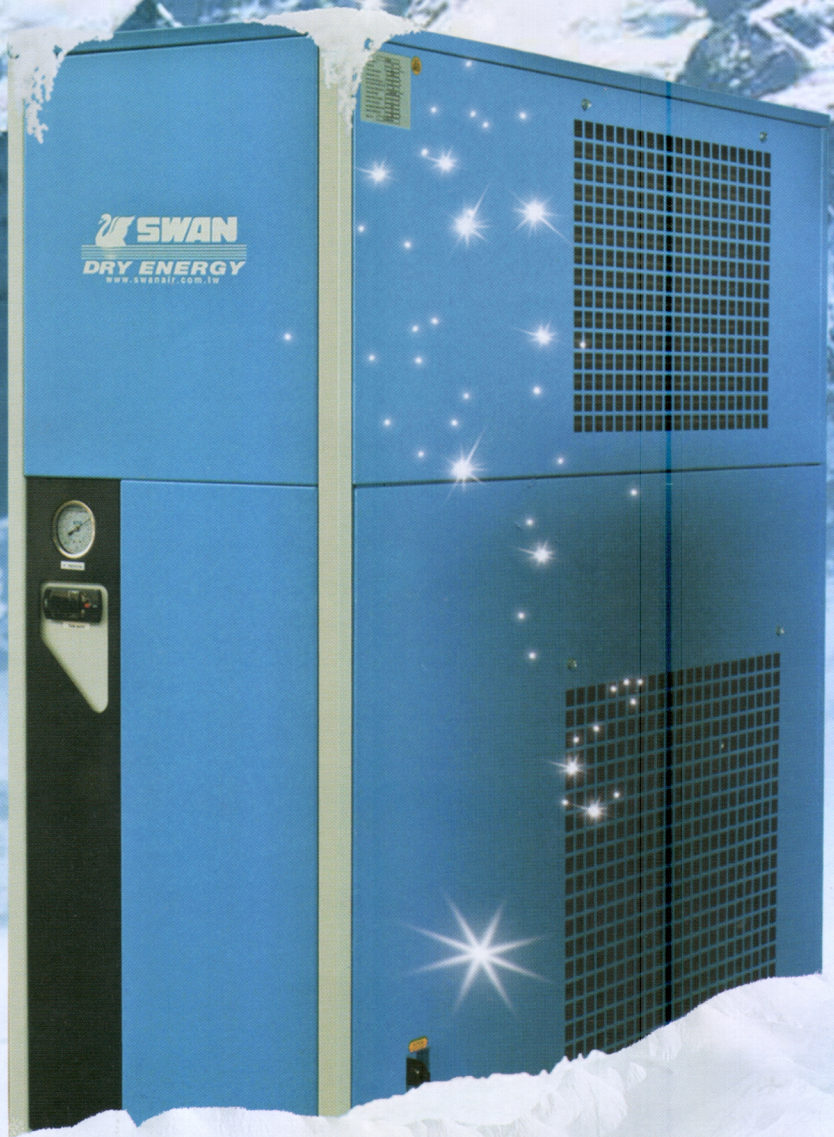




SWAN
DRY ENERGY

Refrigerated
AIR DRYER

Built in
**AFTER
COOLER**



To get the Dry Air
Quality and Experience

TECHNICAL SPECIFICATIONS

Model	Air Flow		Power V/Ph/Hz	KW	Connection Inc	Dimension			Weight Kg	Refrigerated
	m3 / min	Cfm				L	W	H		
SDE-04 HIT	0.9	32	220/1/50	0.31	1"	718	388	880	80	R134a
SDE-08 HIT	1.4	50	220/1/50	0.51	1"	718	388	880	88	R134a
SDE-11 HIT	1.8	64	220/1/50	0.54	1"	718	388	880	91	R134a
SDE-15 HIT	2.7	95	220/1/50	0.96	1"	718	388	880	97	R407C
SDE-22 HIT	4.3	152	220/1/50	1.12	1 1/2"	868	388	1200	113	R407C
SDE-37 HIT	8.1	286	220/1/50	1.83	2"	1200	450	1350	150	R407C
SDE-55 HIT	11	389	220/1/50	2.66	2"	1200	450	1350	200	R407C
SDE-75 HIT	15	530	380/3/50	3.28	2 1/2"	1200	600	1600	267	R407C
SDE-90 HIT	18	636	380/3/50	3.68	2 1/2"	1200	600	1600	279	R407C
SDE-110 HIT	23	813	380/3/50	4.63	2 1/2"	1200	600	1600	624	R407C
SDE-130 HIT	28	990	380/3/50	5.03	2 1/2"	1200	600	1600	367	R407C
SDE-150 HIT	36	1272	380/3/50	6.53	3"	1500	1000	1850	536	R407C
SDE-180 HIT	48	1696	380/3/50	10.56	4"	1800	1000	2000	678	R407C

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

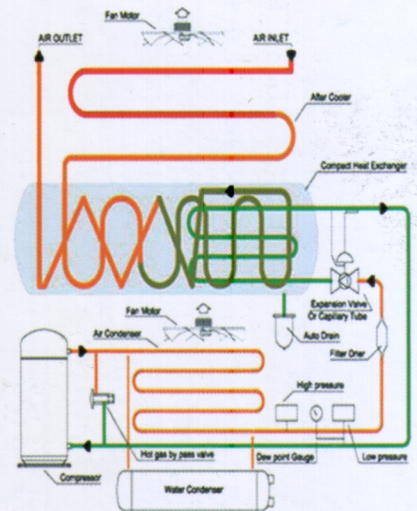
Correction factor

Ambient temperature	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	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/cm2	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	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. HIT 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

The overall design quality

- Independent large after-cooler design, cooling capacity increase 10% to 20%, suitable for high-temperature and heavy-duty use.
- Using Energy Design -an independent after cooler set cooling inlet air, firstly can remove the moisture content 30% to 50%, dramatically reducing the cooling load on the system could save up to 20% to 30%.
- Air Outlet warmed by the heat exchanger, to prevent the rear air pressure system condensation and corrosion within the pipeline, to ensure compressed air system is clean and reliable.
- All machines designed meet CE safety requirements, using electrical components with CE safety certification.
- Compact Design, configuration, save installation space.
- Using high temperature powder coating paint casing, beautiful and do not rust.
- Fully closed base with Galvanized anti-corrosion design.



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