

Dryers

COOL Series

Used to remove water/moisture from the air in an air compressor system. Precools the incoming air through a heat exchanger and condenses some of the moisture out. The air is then cooled to 45oF (dewpoint) in an air-to-refrigerant heat exchanger by the liquid refrigerant. This causes the remaining moisture to condense, and the water is drained away. The refrigerant is then removed and regenerated in a condenser. The dry air is then warmed and moves out of the dryer.

The Facts

- COOL Non-Cycling refrigeration dryers are an efficient solution to lower the presence of moisture.
- Less expensive than Cycling Dryers
- Cost-efficient drying due to enhanced components
- Easily maintained through its vertical structure
- Gets rid of air line purging
- Reduced noise for quieter operation



Data Sheet



MODEL	USE W/ hp	scfm @ 100 psig	MAX PRESSURE (psig)	V/ph/hz	REFRIGERANT	L x W x H (in)	WEIGHT (lb)
COOL 15 (C0)	3	15	232	115/1/60	R134a	9 x 22 x 22	42
COOL 25 (C1)	5-7.5	25	232	115/1/60	R134a	9 x 22 x 22	42
COOL 35 (C2)	10	35	232	115/1/60	R134a	9 x 22 x 22	42
COOL 50 (C3)	15	50	232	115/1/60	R134a	9 x 22 x 22	44
COOL 65 (C4)	15	65	232	115/1/60	R134a	9 x 22 x 22	55
COOL 75 (C5)	20	75	188	115/1/60	R134a	9 x 22 x 22	59
COOL 100 (C6)	25	100	188	115/1/60	R134a	9 x 22 x 22	66
COOL 125 (C7)	30	125	188	230/1/60	R404A	13 x 28 x 39	114
COOL 150 (C7.5)	40	150	188	230/1/60	R404A	13 x 28 x 39	125
COOL 200 (C8)	40	200	188	230/1/60	R404A	13 x 28 x 39	130
COOL 250 (C9)	50	250	188	230/1/60	R404A	13 x 28 x 39	176
COOL 275 (C10)	60	275	188	230/1/60	R404A	13 x 28 x 39	176

Reference conditions: 100 psi, 95 °F inlet temperature, 77 °F ambient temperature and 45 °F pressure dewpoint