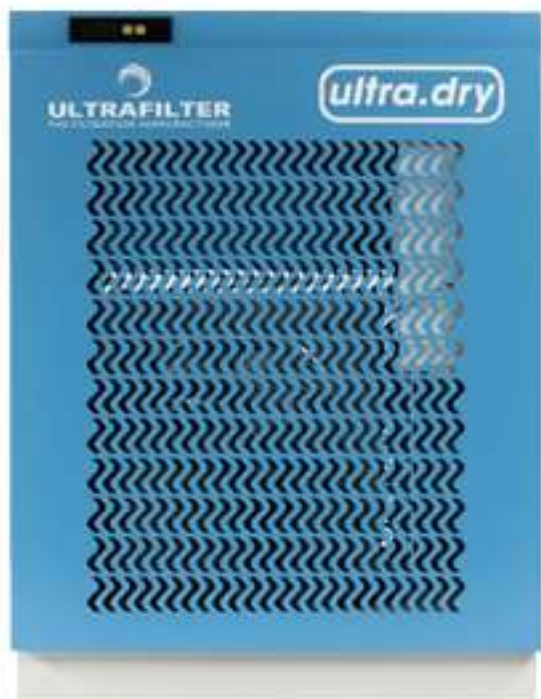


REFRIGERATION DRYER 50Hz

Ultra-Pulse UD



Technical Data

-  Standard: 16 bar
 -  Max. Ambient: 50°C
Max. Inlet: 70°C
 -  25 - 1650 m³/h
 -  Dewpoint: 3-9°C
 -  230/1/50 or 400/3/50
- Refrigerant fluids: R134a or R404A

With the introduction of ultra.dry, the new generation of energy-saving refrigeration dryers has arrived.

The new ultra.pulse technology offers important advantages in terms of energy saving, reliability and operating costs as the ultra.dry dryer is able to adapt itself to the real needs of the compressed air system.

The regulation system of the dryer controls the dryer operation granting the most energetically effective method of compressed air drying, achieving high energy saving and ensuring at the same time an excellent dew point stability also in dynamic condition.

High maximum inlet temperature up to +70°C (ultra.dry UD 0025 - 0600) +60°C (ultra.dry UD 0850 - 1650) and maximum ambient temperature (+50°C) ensure a fail-safe operation at all times. The standard ultra.dry refrigeration dryer has a high operational pressure limit of 16 bar.

Model	Flow m³/h	Connection in/out	Power V/ph/Hz
UD 0025	25	3/8"	230/1/50
UD 0035	35	3/8"	230/1/50
UD 0054	54	3/8"	230/1/50
UD 0075	75	1/2"	230/1/50
UD 0110	110	1/2"	230/1/50
UD 0150	150	1"	230/1/50
UD 0190	190	1"	230/1/50
UD 0230	230	1"	230/1/50
UD 0300	300	1"	230/1/50
UD 0350	350	1 1/2"	230/1/50
UD 0450	450	1 1/2"	230/1/50
UD 0500	500	1 1/2"	230/1/50
UD 0600	600	1 1/2"	230/1/50
UD 0850	850	2"	230/1/50
UD 1050	1050	2"	230/1/50
UD 1175	1175	2 1/2"	230/1/50
UD 1350	1350	2 1/2"	400/3/50
UD 1650	1650	2 1/2"	400/3/50

Based on specific operation conditions. For accurate dimensioning see our guide page 92.

REFRIGERATION DRYER 60Hz

Ultra-Dry UD



Technical Data

-  Standard: 16 bar
 -  Max. Ambient: 50°C
Max. Inlet: 70°C
 -  25 - 552 m³/h
 -  Dewpoint: 3-9°C
 -  115/1/60 or 230/1/60
- Refrigerant fluids: R134a or R410A

Some industries and countries use higher frequency power as their standard – 60 Hz instead of the European standard, 50 Hz. Some equipment can function on either frequency, and a range of voltage, however for most critical industrial machinery, a set frequency and voltage on the equipment are required to guarantee the stability of the production with the equipment.

Such industries count many marine and off-shore installations, and projects in or from North America, and we have a complete range of refrigeration dryers for 60 Hz installations.

These refrigeration dryers come with the usual benefits of our normal range of refrigeration dryers.

Model	Flow m³/h	Connection in/out	Power V/ph/Hz
UD-60Hz 0015	25	½"	115/1/60
UD-60Hz 0025	42	½"	115/1/60
UD-60Hz 0050	85	½"	115/1/60
UD-60Hz 0075	127	1"	115/1/60
UD-60Hz 0100	170	1"	115/1/60 or 230/1/60
UD-60Hz 0125	212	1"	115/1/60
UD-60Hz 0160	270	1"	115/1/60
UD-60Hz 0250	425	1"	230/1/60
UD-60Hz 0325	552	1"	230/1/60

Based on specific operation conditions. For accurate dimensioning see our guide page 92.

HIGH PRESSURE REFRIGERATION DRYER

Ultra-Dry HP



Technical Data

-  Standard: 50 bar
 -  Max. Ambient: 45°C
Max. Inlet: 70°C
 -  45 - 7300 m³/h
 -  Dewpoint: 3-9°C
 -  230/1/50 or 400/3/50
- Refrigerant fluids: R134a or R407C

UD-HP has been specifically designed for the needs of the high pressure dryer User, offering working pressures of up to 50 barg. The extremely reliable design concept ensures that UD-HP operates perfectly at all times and in all conditions. UD-HP automatically adopts its operation to the air flow and ambient conditions, offering energy savings of up to 80% compared with traditional dryers. UD-HP forms part of a complete range of Ultrafilter products for higher pressures, ensuring all User needs are perfectly satisfied.

Model	Flow m ³ /h	Connection in/out	Nominal absorbed power (kW)
UD0045HP	45	½"	0,17
UD0090HP	90	½"	0,25
UD0240HP	240	½"	0,46
UD0370HP	370	1"	0,71
UD0480HP	480	1"	0,76
UD0600HP	600	1"	0,97
UD1100HP	1100	1½"	1,78
UD1450HP	1422	2"	2,20
UD1530HP	1530	1½"	3,09
UD1960HP	1960	1½"	4,29
UD2700HP	2700	2"	4,44
UD3700HP	3700	2"	5,39
UD4500HP	4500	2"	8,72
UD6100HP	6100	3"	10,42
UD7300HP	7300	3"	13,16

Based on specific operation conditions. For accurate dimensioning see our guide page 92.