

G SERIES Non-Cycling

REFRIGERATED COMPRESSED AIR DRYERS

ZEKS engineered NC Series refrigerated dryers for use with 15HP - 40HP air compressors. They incorporate stainless steel CFX® heat exchangers - designed specifically for compressed air drying - and reliable refrigeration system components in a compact size.

Moisture and contaminants are efficiently separated from the airstream then removed with a timed electric solenoid drain. The compressed air is reheated to approximate ambient temperature as it exits the dryer.

NCG non-cycling dryers provide:

- **Very low pressure drop - 2.6 psid or lower**
- **Compact and light weight**
- **Narrow profile - 14"**
- **Durable construction, reliable operation**
- **Long service life**
- **10-year exchanger warranty**
- **External hot gas by-pass adjustment**



AVAILABLE OPTIONS

Z-Trol™ Air Treatment Controller

Reliable, automatic, all-digital control and display of dryer functions. Easy-to-use keypad and LCD display for simple dryer performance adjustment.



External Gauge Package

Indicates inlet or outlet compressed air pressure and temperature.



No Air-loss Condensate Drain

Microprocessor-controlled drain has large internal orifices for reliable removal of condensate.



NCG SERIES SPECIFICATIONS

U.S. Patent No. 6,186,223
and No. 6,244,333

MODEL	75NCG	100NCG	125NCG	150NCG
38°F/3.3° PDP; scfm*	75	100	125	150
50°F/10°C PDP; scfm*	103	138	172	207
Width in.	14	14	14	14
Depth in.	22	22	22	22
Height in.	31	31	31	31
Shipping Weight lb.	145	145	175	175
Air Connection In/Out	1" MPT	1" MPT	1 1/2" MPT	1 1/2" MPT
Condensate Drain	1/4" FPT	1/4" FPT	1/4" FPT	1/4" FPT
Refrig. Comp. HP	1/4 (60Hz)	1/2 (60Hz)	1/2 (60Hz)	1/2 (60Hz)
Max. Work. Press. psig	300***	300***	300***	300***
Operating KW**	.79	.82	1.00	1.00
Voltages	115-1-60	115-1-60	115-1-60	115-1-60
	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
	220-1-50	220-1-50	220-1-50	220-1-50

R404a refrigerant is used in all models.

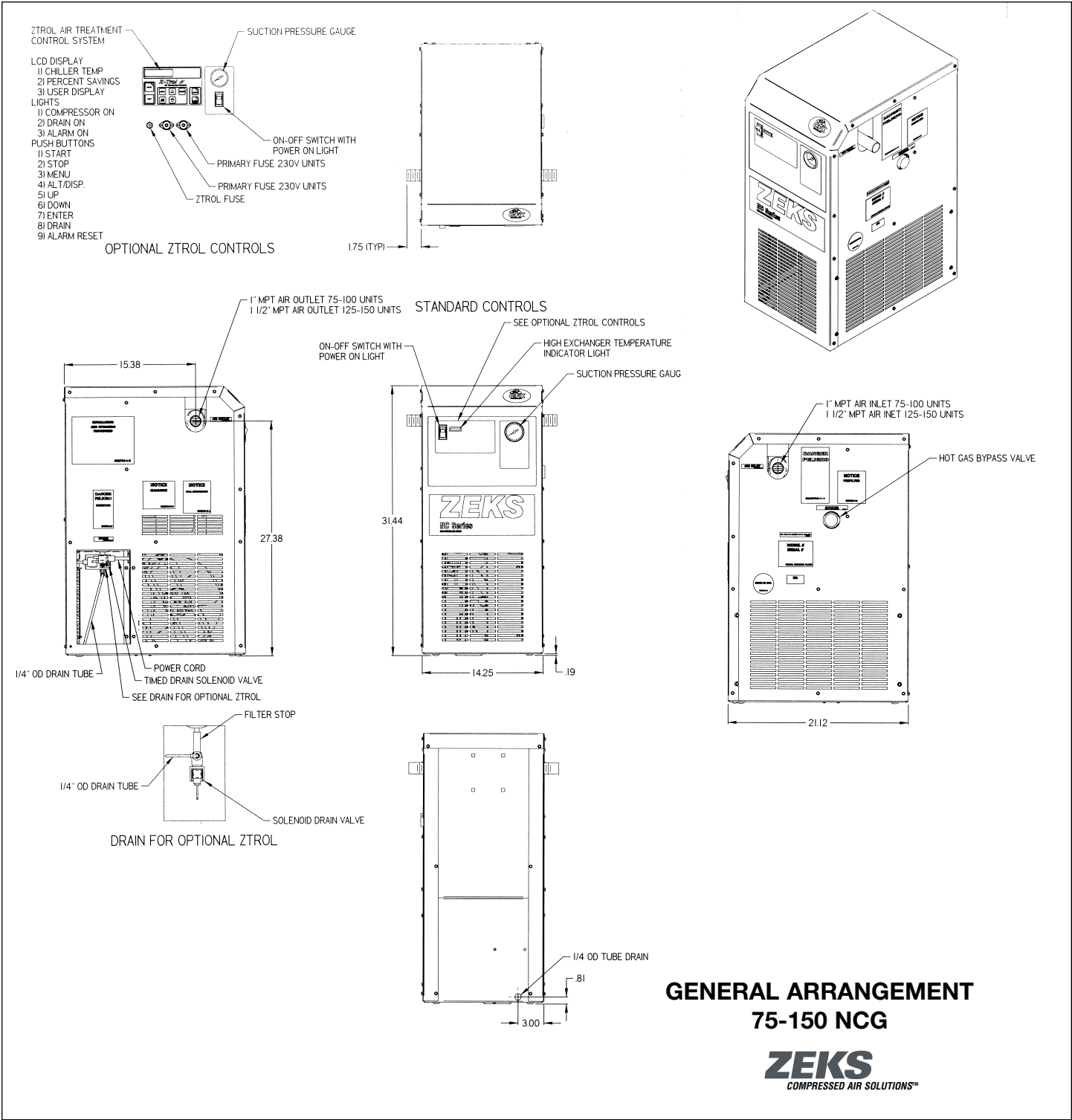
* Performance data obtained and presented in accordance with CAGI Standard No. ADF 100.

Pressure dew point (PDP) at 100 psig, 100°F (37.8°C) inlet air, 100°F (37.8°C) ambient air (tested in actual conditions).

** Average kilowatts per hour of dryer operation at full rated capacity. Operating kilowatt values reflect air-cooled models.

*** Maximum Working Pressure is limited to drain rating (230 psig).





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