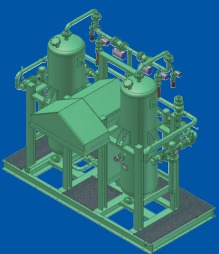
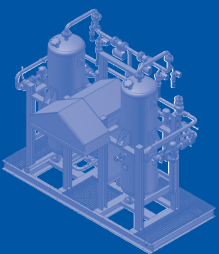


air and gas dryers





air and gas dryers

AIR AND GAS DRYER PACKAGES

Airpack Nederland B.V. is the manufacturer of several dryer types:

- Heatless adsorption dryer
- Heated adsorption dryer
- Refrigerated dryer
- Membrane dryer

Airpack's speciality are custom made packages for explosion proof areas and extreme ambient conditions.

For most applications we advise to use the heatless adsorption dryer in order to achieve the required dew point, because of the water load and the temperature upstream the dryer is very high.

Each Airpack dryer will be designed according to its required dew point and the operating capacity, pressure and temperature.

As a worldwide package manufacturer, Airpack can supply all types of filters in single or duplex configuration, control panels, PLC's, instruments, valves etc. These parts can be applied in all materials, types and makes available on the market.



AIRPACK OPTIONS

- Stainless steel components like enclosure panels, oil system, process piping, coolers and separators (e.g. offshore applications)
- ATEX explosion proof, suitable for operation in Zone 1 or Zone 2 environment
- Control by redundant and/or SIL certified PLC with HMI (human machine interface) for operation via touch screen
- Hydrogen Sulfide (H₂S) compressor intake filters
- Winterization enclosure, for extreme low temperatures (-45°C)
- Tropicalization for extreme high ambient temperature up to 60°C
- Control by DCS (distributed control system)
- Vibration monitoring system by 4-20 mA detectors or sophisticated Benly Nevada monitoring system

air and gas dryers

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Worldwide air and gas package manufacturer



AIR AND GAS DRYER PACKAGES

The available dryer types along with the details are mentioned in the tables below.

a) Heatless regenerated dryer for pressure dew points down to -80°C :

Model	Capacity * Nm ³ /hr	Length mm	Width mm	Height mm	Weight kg	Connection inch
SFN-25	25	690	300	1020	60	½
SFN-70	70	690	300	1020	135	¾
SFN-150	150	940	610	2040	200	1
SFN-250	250	1085	700	2250	350	1½
SFN-400	400	1200	700	2350	450	1½
SFN-600	600	1335	840	2700	710	2
SFN-900	900	1720	950	3000	1250	3
SFN-1200	1200	2000	1100	3050	1500	3
SFN-1500	1500	2275	1220	3100	1800	3
SFN-2000	2000	2450	1415	3300	2600	4
SFN-3000	3000	2750	1625	3400	3300	4
SFN-4000	4000	3300	1950	3700	5000	6

* Based on an inlet pressure of 7 bar and an inlet temperature of 35°C.

b) Heat regenerated dryer for pressure dew points down to -80°C :

Model	Capacity * Nm ³ /hr	Length mm	Width mm	Height mm	Weight kg	Connection inch
HFN-100	100	690	300	1190	135	¾
HFN-150	150	940	610	1810	360	1
HFN-250	250	1085	700	2250	550	1½
HFN-400	400	1350	750	2350	670	1½
HFN-600	600	1500	840	2700	950	2
HFN-900	900	1720	950	2800	1530	3
HFN-1200	1200	2000	1100	2975	1800	3
HFN-1500	1500	2275	1220	3200	2100	3
HFN-2000	2000	2450	1415	3450	3000	4
HFN-3000	3000	2750	1625	3550	3800	4
HFN-4000	4000	3300	1950	3850	5700	6

* Based on an inlet pressure of 7 bar and an inlet temperature of 35°C.

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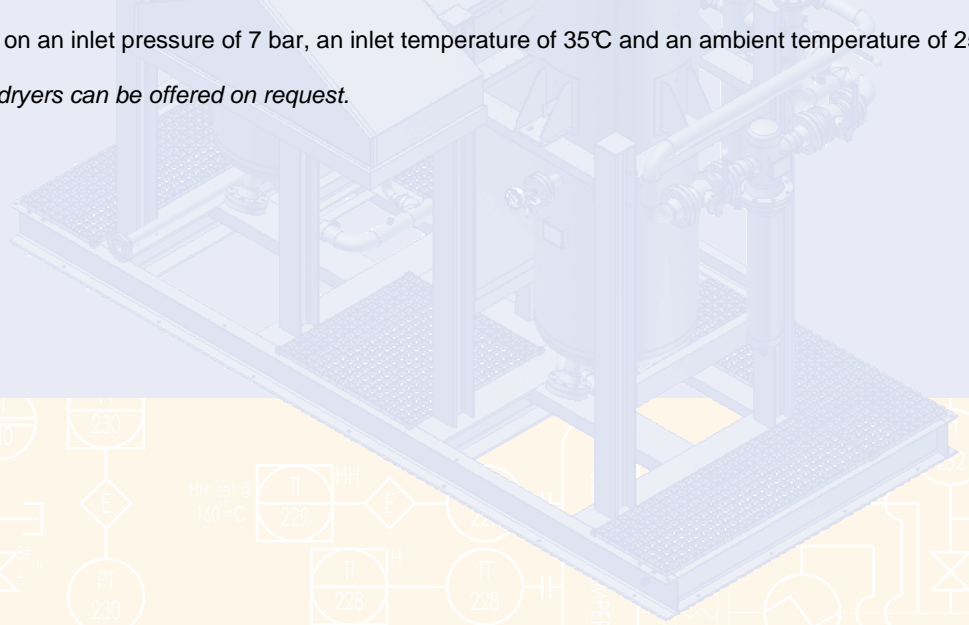
AIR AND GAS DRYER PACKAGES

c) Refrigerated air dryer for pressure dew points down to 3°C:

Model	Capacity * Nm ³ /hr	Length mm	Width mm	Height mm	Weight kg	Connection inch
ESC-30	30	600	450	550	35	½
ESC-60	60	600	450	550	40	½
ESC-90	90	600	450	550	45	1
ESC-180	180	650	650	800	55	¾
ESC-240	240	900	650	800	70	1
ESC-480	480	900	650	800	95	1½
ESC-720	720	900	800	1200	175	2
ESC-1100	1100	900	800	1200	180	2
ESC-1750	1750	900	800	1200	200	3
ESC-2500	2500	1200	1200	1900	430	3
ESC-4500	4500	1200	1200	1900	650	4

* Based on an inlet pressure of 7 bar, an inlet temperature of 35°C and an ambient temperature of 25°C.

Special dryers can be offered on request.



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