SERVE PER:

DOVE NON SIA DIVERSAMENTE SPECIFICATO

PER PEZZI NON LAVORATI

PER PEZZI LAVORATI

TOLLERANZE

FORI (+) H 13
ALBERI (-) h 13

INTERASSI E RASAMENTI } Js 13

ANGOLI: ± 30'

CONICITA':±0,05%

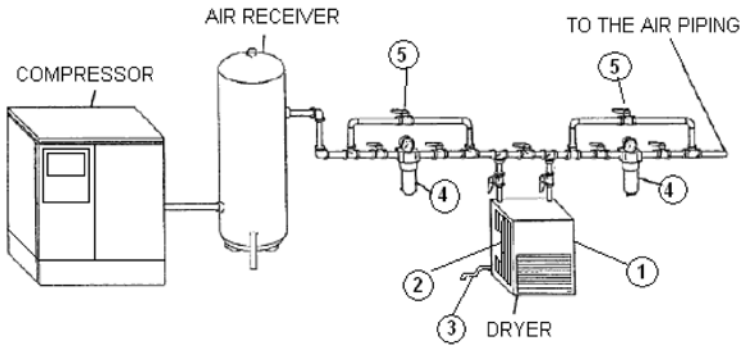
FILETTATURE

VITI :N6g

MADREVITI: 6H

FINITO DI TRATTAMENTO PROTETTIVO

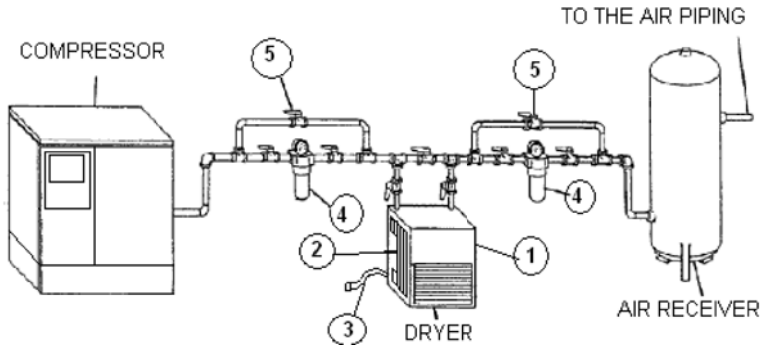
SOPRA FINO	FORO H13(+) ALBERO h13(-)	Js13
0 ÷3	0 0.140	±0.070
3 ÷6	0 0.180	±0.090
6 ÷10	0 0.220	±0.110
10 ÷18	0 0.270	±0.135
18 ÷30	0 0.330	±0.165
30 ÷50	0 0.390	±0.195
50 ÷80	0 0.460	±0.230
80 ÷120	0 0.540	±0.270
120÷180	0 0.630	±0.315
180÷250	0 0.720	±0.360
250÷315	0 0.810	±0.405
315÷400	0 0.890	±0.445
400÷500	0 0.970	±0.485



AIR TREATMENT WITH DRYER DOWNSTREAM FROM THE TANK

This installation is suggested when the compressors run intermittently and the intermittent consumption, is equal to the flow rate of the compressor. Under this condition the load of the dryer is particularly constant.

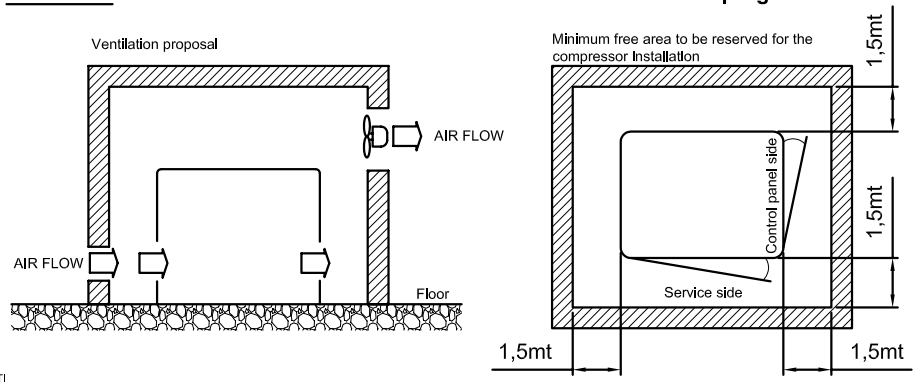
WARNING: purge the air receiver once a week at least.



AIR TREATMENT WITH DRYER UPSTREAM FROM THE TANK

This type of installation is suggested when the air demand is variable and the instant values of the air consumption are much higher or lower than the flow rate of the compressors. The tank must be large enough to meet the max. requirements with the stored dry air.

WARNING: check the condensate in the air receiver once a week and purge it if the case.



VARIANTI

00	ISSUED / *EMESSO* CID N°22530/25-07-06. DN 06 0483 02.		

MAIN COMPONENTS

1. The refrigerant air dryer should be installed on a level floor suitable for taking the weight of the dryer.

2. Ventilation:
The inlet grid(s) and ventilation fan should be in stalled in such a way that any recirculation of the cooling air to the inlet gratings of the dryer is avoided.
The air velocity to the grid(s) has to be limited to 5m/s.
Maximum allowable pressure drop over cooling air ducts is 30Pa.
When 30Pa is exceeded, a ventilation fan is needed at the outlet of the cooling air ducts.

The condensate drain pipes from the dryer to the collection point must nut become submerged in the collected condensate.
Do not allow untreated condensate to enter the draining system.
Separate the oil with equipment that can be obtained through Atlas Copco.

3. Power supply cable to be sized and installed by a qualified electrician.

4. Filter type DD for general purpose filtration (particle removal down to 1 micron with a maximum oil carry-over of 0.5 ppm).
A high efficiency PD-filter may be installed downstream the DD-filter (particle removal down to 0.01 micron and max. oil carry-over of 0.01 ppm).
Should oil vapour and odeurs be undesirable, a QD active carbon filter should be installed after the PD filter.

The standard FX13-21 is supplied without filters. As an option either a DD or both a DD and PD filter can be integraded into the air circuit of the dryer and mounted within the dryer canopy.

5. It is recommended to install by-pass pipes over each filter and dryer together with ball valves in order to isolate the filters and/or dryer during service operations, without disturbing the compressed air delivery.

Notes:

- All pipes should be installed stress-free to the dryer.
- For more information concerning air nets, cooling systems, etc refer to the compressor installation manual.
- For dimensions and air flow directions refer to the AHB dimensions drawing.

Toleranties,indien niet aangegeven,zijn volgens: Tolerances,if not indicated,according to:	Bew. opp./Gaten Mach.surf./Holes	Plaatwerk Sheet metal	Snijbranden Flame cutting	Lassen Welding
ATLAS COPCO STANDARD/Klasse/Class	1350K / 2	1350:01K	1355K / C	1356K / B

Benaming Name	INSTALLATION PROPOSAL DRYERS FX13-21 (A11-19)			Geheimh.klasse Secrecy Class: 1102 K/
Materiaal Material	Not applicable			
Behandeling Treatment	Not applicable			CAD

Atlas Copco	Schaal Scale 1:1	Familie Family	A3	Vergelijk Compare	Eigenaar Drawing owner: CAI
	Getekend Drawn by	Ruw nr. Blank nr.		Vervangt Replaces	
Overgenomen/Transferred to	Std gez./chd.	Ruw gew. Blank wt. Kg	Afg gew. Fini wt. Kg	Identificatie/Designation Blad/Sheet (01) 01	
	Des gez./chd.	Prod gez/chd.	Goedg./Appd.	Datum/Date 25-07-06	9828 4900 61