



*Catalogue rotary screw air compressor  
air treatment and piping system*

**S 225 · R0**

## /// FIAC PROFESSIONAL AIR COMPRESSORS

We **are experts in compressed air.**  
To ensure you never go **short of air.**  
Always **close to your needs.**



*Fiac Professional Air Compressors is based in Casalecchio di Reno, in the province of Bologna, and it is specialized in the sale of air compressors for DIY, professional and industrial uses.*



*With a history of over forty years, it is a world reference company in the field of compressed air products with production facilities also in Brazil and China. In 2016 the historic Italian brand and Atlas Copco combine their resources, achieving a perfect combination of experience and professionalism of both brands. In 2019 FIAC Professional Air Compressors S.R.L. was established, which represents the reference Customer Center for FIAC products.*



*Thanks to a widespread network of 2000 distributors in Italy and over 600 abroad, Fiac Air Compressors serves customers in 110 countries around the world, operating in the main markets such as Italy, Western and Eastern Europe, North and South America and the Middle East.*



*Every day FIAC works to develop sustainable products at a high technological level by introducing new products on the market and, through the numerous authorized Assistance Centers, present on Italian and foreign soil, follows customers in a careful and widespread way to provide every type of support.*



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Take care  
of your  
processes  
with high  
quality air

## **/// AIR TREATMENT SOLUTIONS**

*The guarantee of being able to use high quality compressed air with the least amount of contaminants is extremely important for companies and anyone who uses air to power their equipment. The certainty that the quality of the air is what is actually expected can only be achieved by correctly sizing the air treatment system installed downstream of the compressor. Centrifugal dryers and separators have the function of removing moisture from the air, while filters are used to break down suspended particulate matter and oil. Automatic condensate drains remove the accumulation of water that inevitably occurs inside the tanks. Water/oil separators are used to reduce the amount of residual oil in the discharged condensate so that it can be managed with less impact on the environment.*

## /// TDRY Series ///

### Product features

#### PDP Indicator

The operation of the TDRY dryer is monitored by an electro-nic controller indicating all relevant information:

#### Technical details:

- Status of the refrigerant dryer
- Status of the fan
- Dewpoint indication

#### Alarm display:

- Alarm about high or low dewpoint
- Fan probe failure (TDRY 12-77)
- Service warning

#### Control panel with free contact (on request) for a:

- Remote PDP alarm (TDRY 24-840)
- Remote high refrigerant temperature (TDRY 24-840)
- Remote fan probe failure (TDRY 24-77)

#### Intelligent capacitive drain discharge

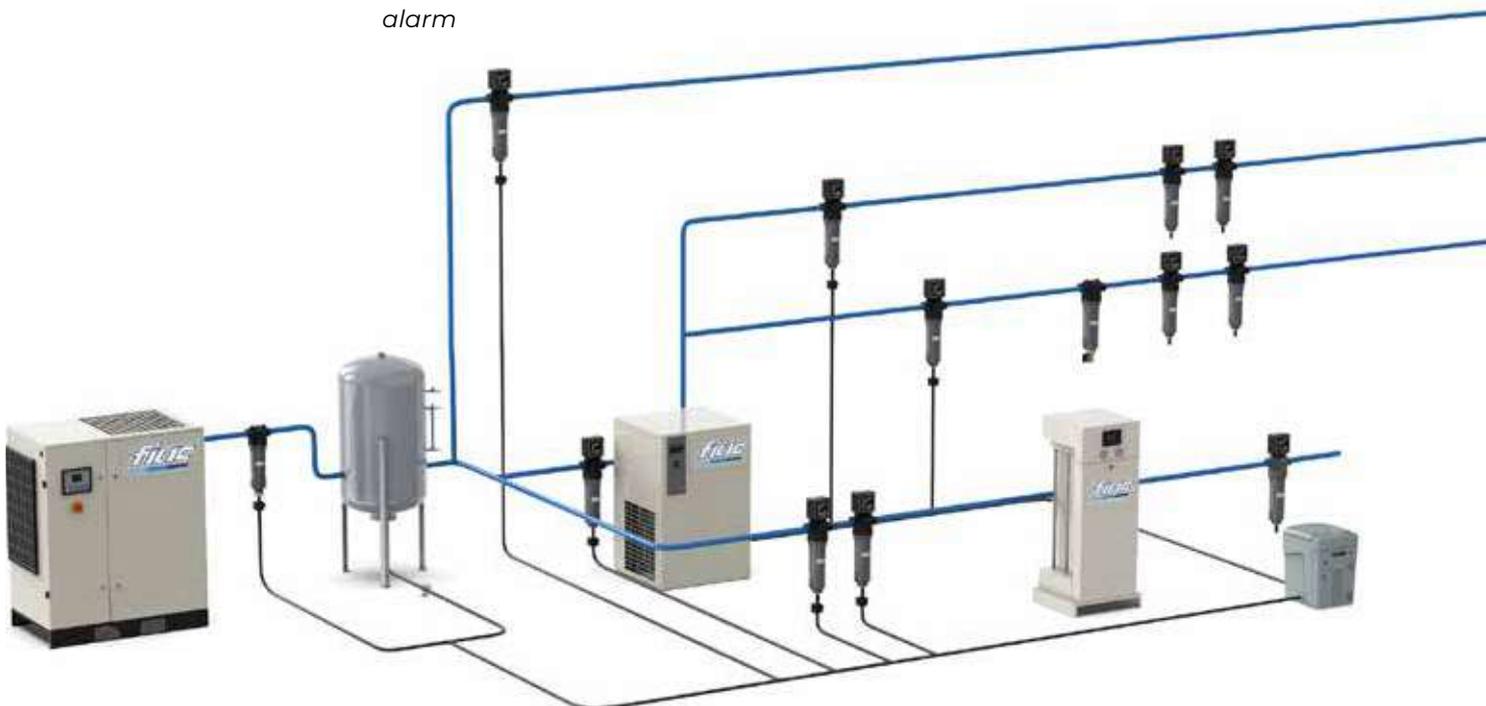
The full refrigerant dryer range is equipped with the capacity condensate drain, a range using electronic sensors to discharge only condensate and without wasting any compressed air.

#### Benefits

- Only water is discharged, no compressed air
- Energy saving
- No noise and environmental friendly

#### Standard features (for il TDRY 100-840) Free contacts for a:

- Remote start/stop
- Remote general alarm
- Remote drain alarm



## /// TDRY 4÷18

### Refrigeration dryers



Type	Code					LxPxH				
115V, 220V/60/1	EAN CODE	l/min	CFM	m <sup>3</sup> /h	mbar	BSP	CL	mm in	kg lb	m <sup>3</sup>
<b>TDRY 4</b>	on request	350	12	21	0,15	3/4" M	4	350 x 493 x 450 13,8 x 19,4 x 17,7	19 42	0,078
<b>TDRY 6</b>	on request	600	21	36	0,25	3/4" M	4	350 x 493 x 450 13,8 x 19,4 x 17,7	19 42	0,078
<b>TDRY 9</b>	on request	850	30	51	0,25	3/4" M	4	350 x 493 x 450 3,8 x 19,4 x 17,7	20 44	0,078
<b>TDRY 12</b>	on request	1200	42	72	0,25	3/4" M	4	350 x 493 x 450 13,8 x 19,4 x 17,7	25 55	0,078
<b>TDRY 18</b>	on request	1825	64	110	0,30	3/4" M	4	350 x 493 x 450 13,8 x 19,4 x 17,7	27 60	0,078

## /// TDRY 24÷30

### Refrigeration dryers



Type	Code					LxPxH				
115V, 220V/60/1	EAN CODE	l/min	CFM	m <sup>3</sup> /h	mbar	BSP	CL	mm in	kg lb	m <sup>3</sup>
<b>TDRY 24</b>	on request	2350	83	141	0,32	1"	4	370 x 498 x 764 14,6 x 19,6 x 30,1	44 97	0,141
<b>TDRY 30</b>	on request	3000	106	180	0,38	1"	4	370 x 498 x 764 14,6 x 19,6 x 30,1	44 97	0,141

## /// TDRY 36÷77

### Refrigeration dryers



Type	Code									
	EAN CODE	l/min	CFM	m <sup>3</sup> /h	mbar	BSP	CL	mm in	kg lb	m <sup>3</sup>
TDRY 36	on request	3600	127	216	0,18	1 1/2"	4	460 x 558 x 789 18,1 x 22,0 x 31,1	53 117	0,203
TDRY 41	on request	4100	145	246	0,25	1 1/2"	4	460 x 558 x 789 18,1 x 22,0 x 31,1	60 132	0,203
TDRY 52	on request	5200	184	312	0,18	1 1/2"	4	460 x 558 x 789 18,1 x 22,0 x 31,1	65 143	0,203
TDRY 65	on request	6500	230	390	0,20	1 1/2"	4	580 x 588 x 899 22,8 x 23,1 x 35,4	80 176	0,307
TDRY 77	on request	7700	272	462	0,27	1 1/2"	4	580 x 588 x 899 22,8 x 23,1 x 35,4	80 176	0,307

## /// TDRY 100÷180

### Refrigeration dryers



Type	Code									
	EAN CODE	l/min	CFM	m <sup>3</sup> /h	mbar	BSP	CL	mm in	kg lb	m <sup>3</sup>
TDRY 100	on request	10000	353	600	0,25	2"	4	805 x 1005 x 962 31,7 x 39,6 x 37,9	145 319,7	0,635
TDRY 120	on request	12000	424	720	0,30	2"	4	805 x 1005 x 962 31,7 x 39,6 x 37,9	158 348	0,635
TDRY 150	on request	15000	530	900	0,30	2"	4	805 x 1005 x 962 31,7 x 39,6 x 37,9	165 364	0,635
TDRY 180	on request	18000	636	1080	0,30	2"	4	805 x 1005 x 962 31,7 x 39,6 x 37,9	164 361,5	0,635



**Silentaire Technology**  
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