TTR 200-300-400-400 D-500 D



TTR 200
TTR 300
TTR 400
TTR 400 D
TTR 500 D

Due to high-quality components and an innovative housing design our TTR dehumidifiers are the lightest devices of their performance class.

The combination of smart equipment features and remarkable performance data turns these devices into universal all-purpose desiccant dehumidifiers for industry and construction.



- Advanced air volume regulation system (monoventic or duoventic) for accurate stepless adjustment of dry air volume
- Up to 30% lighter than comparable units
- Maximised performance, minimal size and weight
- Very easy to maintain
- Extremely durable powder-coated steel sheet construction
- Lightweight and easy to handle
- Stackable design saves space
- Electronic regulation of air amount - infinitely adjustable
- Duoventic principle: Separate, infinite adjustment of moisture content and volumetric flow of the required dry air (TTR-D models)
- Two separate air circuits for a pressure-neutral circulatory air operation (TTR-D models)

Specifications	Units	TTR 200	TTR 300	TTR 400	TTR 400 D	TTR 500 D
Capacity (20°C/60% RH)	kg/h	0.35	0.7	1.2	1.6	2.2
Dry air range	m^3/h	40 - 120	80 - 280	130 - 450	130 - 450	180 - 550
Dry air volume nominal	m^3/h	80	200	350	350	480
Available pressure	Pa	50	100	150	200	150
Regeneration air flow	m^3/h	15	30	50	65	80
Available pressure	PA	30	50	80	80	80
Operating temperature range	°C	-15 - +35	-15 - +35	-15 - +35	-15 - +35	-15 - +35
Operating humidity range	% RH	0 - 100	0 - 100	0 - 100	0 - 100	0 - 100
Power supply	V/Hz	230/1ph/50-60	230/1ph/50-60	230/1ph/50-60	230/1ph/50-60	230/1ph/50-60
Power input total	kW	0.45	0.9	1.5	2.2	3.0
Power input heating	kW	0.4	0.85	1.35	1.95	2.7
Sound level @1m	dB(A)	60	61	63	63	74
Connections dry air outlet	Ømm	80	100	125	125	125
Connections humid air outlet	Ømm	38/50	50	80	80	80
Product size (l x w x h)	mm	305 x 260 x 285	355 x 310 x 355	400 x 350 x 405	443 x 350 x 405	443 x 400 x 452
Weight	kg	9	12	17	20	25

TTR 200-300-400-400 D-500 D













Optional accessories



Hose adaptor process air inlet
TTR 200 - **6.100.010.001**
TTR 300 - **6.100.010.005**
TTR 400/TTR 400 D/TTR 500 D/TAC 750 E
6.100.010.010



Hose adaptor
Regeneration air inlet
TTR 500 D
6.100.010.105



Filterbox regeneration air inlet -
TTR 400 D
6.100.010.301
TTR 500 D
6.100.010.305



Filterbox process air inlet
TTR 200 - **6.100.010.201**
TTR 300 - **6.100.010.205**
TTR 400/TTR 400 D/TTR 500 D **6.100.010.210**



Dry air outlet
6m
TTR 200 - **6.100.001.110**
TTR 300 **- 6.100.001.115**
TTR 400, TTR 400 D, TTR 500 D - **6.100.001.120**



Process air inlet/6 m
TTR 200 - **6.100.001.110**
TTR 300 - **6.100.001.115**
TTR 400, TTR 400 D, TTR 500 D - **6.100.001.120**



Regeneration air inlet
TTR 400 D, TTR 500 D -
6.100.001.110



Humid air outlet
TTR 200, TTR 300/15m -
6.100.001.020
TTR 400, TTR 400 D, TTR 500 D/6m **-**
6.100.001.110



PV-A 51 hose
TTR 300-400-400 D-500 D, Ø50mm, 15m)
6.100.001.020



PV-A 38 hose
TTR 300-400-400 D-500 D, Ø38mm, 15m
6.100.001.010



Reducer fitting
7.200.000.002

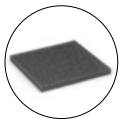


Sealing caps
38mm **- 7.310.000.021**
50mm - **7.310.000.101**



Quad distributor
TTR 300 - TTR 500 D
6.100.010.340

Dry air heating
TTR 400, TTR 400 D, TTR 500 D - **6.100.010.345**



Process air filter mat
TTR 200 - **7.160.000.680**
TTR 300 - **7.160.000.681**
TTR 400/TTR 400 D/TTR 500 D - **7.160.000.682**

Regeneration air filter mat
TTR 400 D -
7.160.000.683



Z-Line filter G4 process air
TTR 200 - **7.160.000.602**
TTR 300 - **7.160.000.603**
TTR 400, TTR 400 D, TTR 500 D - **7.160.000.604**

Z-Line filter G4 regeneration air
TTR 400 D -
7.160.000.605
TTR 500 D -
7.160.000.606



Z-line filter F7 process air
TTR 200 - **7.160.000.630**
TTR 300 - **7.160.000.631**
TTR 400, TTR 400 D, TTR 500 D - **7.160.000.632**

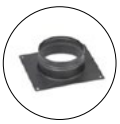
Z-Line filter F7 regeneration air
TTR 400 D -
7.160.000.633
TTR 500 D -
7.160.000.634



HG 125
6.100.002.042



Adaptor transformer for HG 125
6.100.002.043



Hose adaptor regenration air inlet
TTR 400 D -
6.100.010.101
TTR 500 D -
6.100.010.105



HG 120 hygrostat
6.100.002.040

TTR 160-250



TTR 160
TTR 250



- Corrosion-resistant stainless steel housing
- Washable silica gel adsorption rotor
- Integrated heat recovery
- Self-regulating PTC heating with no risk of overheating
- Integrated ampere metre and operating hours counter
- Optional MID-compliant kWh counter
- Stackable design saves space

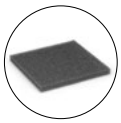
These machines are suitable for operational environments where special hygienic standards apply or for extremely material-straining atmospheres: chemical, pharmaceutical, food and candy manufacturing industry.

They also can be used to prevent condensation and corrosion during painting and sandblasting works in ships' holds or tank facilities.

Optional accessories



Air hose
TF-L 83mm/6m
6.100.001.110
TF-L 100mm/6m
6.100.001.115



Filter Mat (Pack of 5)
TTR 250 - **7.710.000.061**
TTR 160 - **7.710.000.060**

Specifications	Units	TTR 160	TTR 250
Capacity (20°C/60% RH)	kg/h	0.5	1.1
Dry air range	m^3/h	60-160	130-300
Dry air nominal	m^3/h	155	250
Available pressure	Pa	50	100
Regeneration air	m^3/h	35	50
Available pressure	PA	25	100
Operating temperature range	°C	-20 - +35	-20 - +35
Operating humidity range	% RH	0-100	0-100
Power supply	V/Hz	230/1ph/50-60	230/1ph/50-60
Power input total	kW	0.65	1.3
Power input heating	kW	0.6	1.2
Sound level @1m	dB(A)	56	57
Product size (l x w x h)	mm	375 x 300 x 385	410 x 350 x 435
Weight	kg	14	19
Connections dry air outlet	Ømm	100	100
Connections humid air outlet	Ømm	63	80