

TR20 / TR50 TECHNICAL SPECIFICATIONS

Application:

On-Line Continuous Moisture Removal and Management System for Oil Filled Transformers

Key Specifications:	TR20	TR50
Adjustable Flow Rate	100 - 300 LPH on Motor Setting	100 - 300 LPH on Motor Setting
Moisture Management	to ≤ 10 ppm	to ≤ 10 ppm
Media Volume	20 kg	50 kg
Particulate removal	1 Micron, 3 Micron, 6 Micron or 12 Micron (spin on type)	1 Micron, 3 Micron, 6 Micron or 12 Micron (spin on type)
Flow Meter	Local Display Totalizer in Liters	Local Display Totalizer in Liters

Construction:	TR20	TR50
Enclosure	In Cabinet	In Cabinet
Weight in KGS	320 KGS	340 KGS
Dimensions: Height x Width x Depth	1480 x 860 x 775 mm	1770 x 860 x 775 mm
Enclosure	Mild Steel 2.5 mm thickness RAL 7046 Polyester Powder Coating with Primary Phosphate Coating for Corrosion Resistance	Mild Steel 2.5 mm thickness RAL 7046 Polyester Powder Coating with Primary Phosphate Coating for Corrosion Resistance
Cylinder and Piping	Stainless Steel 316 Grade	Stainless Steel 316 Grade
Enclosure Protection	Designed to comply with IP 56	Designed to comply with IP 56

Operation:	TR20	TR50
Operating temperature range	0 °C to + 65 °C	0 °C to + 65 °C
Moisture adsorbent capacity	5 – 7 Liters Approx	10 – 12 Liters Approx
Operating oil temperature range	+2 °C to + 95 °C	+2 °C to + 95 °C
Operating pump capacity	Maximum 300 Liters / hour	Maximum 300 Liters / hour
Electrical Supply	230 VAC; 50Hz/60Hz; 160W; 1Ø	230 VAC; 50Hz/60Hz; 160W; 1Ø

Installation:	TR20	TR50
Installation time: Est.	5 hours with 2 engineers	5 hours with 2 engineers
Commissioning Time: Est.	1 hour	1 hour
Drain valve	½ inch female	½ inch female
Alarms and cable requirement	Output: 1 NO and 1 NC (Fail Safe Mode) Cable: 1 – 2.5 mm sq	Output: 1 NO and 1 NC (Fail Safe Mode) Cable: 1 – 2.5 mm sq
Power Cable	2.5 mm sq	2.5 mm sq
Inlet Valve	¾ inch male	¾ inch male
Outlet Valve	½ inch male	½ inch male

Standard Installation kit:	TR20	TR50
Instruction Manual – 1 No.	Provided	Provided
Wedge Anchor – 4 Nos.	Provided	Provided
Flat Washers – 8 Nos.	Provided	Provided
Anchor Nut – 8 Nos.	Provided	Provided
Quick Connect Oil Sampling Tube – 1 No.	Provided	Provided
3/4 inch SS BSP/NPT Fitting – 1 Nos.	Provided	Provided
1/2 inch SS BSP/NPT Fitting – 1 Nos.	Provided	Provided
3/4 inch SS flexible pipe, (Maximum 10 meter)	As per client requirement	As per client requirement
1/2 inch SS flexible pipe, (Maximum 10 meter)	As per client requirement	As per client requirement

Warranty & Support: TR20 / TR50
DryTrans's all moisture management systems are backed by a ONE-year factory warranty, extending to 3 years on some parts. DryTrans systems are available through DryTrans's worldwide network of Authorized Representatives.

Note: Continuous research and improvement may result in specification or appearance changes at any time