HIGH-TEMPERATURE REFRIGERANT CYCLE DRYERS – ETAHT

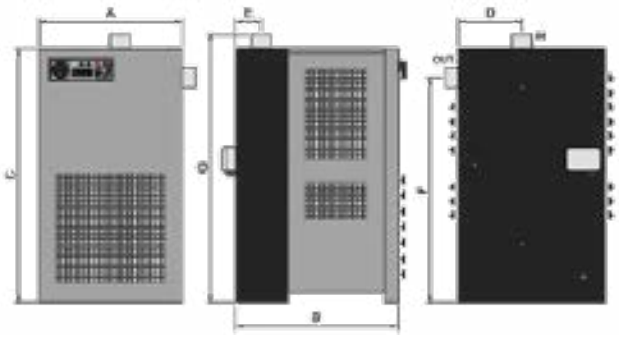
SPECIFICATIONS

- Ultra-compact aluminium drying module
- Excellent resistance to corrosion
- Resistant to air temperatures up to 70°C
- Reduced pressure drops
- Constant dew point under varying operating conditions
- Easily accessible for cleaning and maintenance

Operating conditions

- Air inlet temperature: 35°C
- Inlet air pressure: 7 bar
- Ambient temperature: 25°C
- Pressure dew point: 3°C

- Max. ambient temperature: 70°C
- Max air inlet temperature: 50°C
- Max. operating pressure: 14 bar



Code	Flow rate Nm³/h	Connections Ø	Pressure drop Bar	Refrigerant Type	Power supply Volt	Dimensions (mm)							Weight
						A	B	C	D	E	F	G	kg
ETAHT 2	21	G 1/2" BSP-F	0.02	R 134.A	230-240	345	420	740	158	56	700	770	28
ETAHT 4	33	G 1/2" BSP-F	0.03	R 134.A	230-240	345	420	740	158	56	700	770	29
ETAHT 5	51	G 1/2" BSP-F	0.08	R 134.A	230-240	345	420	740	158	56	700	770	31
ETAHT 7	72	G 1/2" BSP-F	0.11	R 134.A	230-240	345	420	740	158	56	700	770	34
ETAHT 10	108	G 1" BSP-F	0.13	R 134.A	230-240	345	420	740	130	56	657	775	36
ETAHT 15	138	G 1" BSP-F	0.17	R 134.A	230-240	345	420	740	130	56	657	775	37
ETAHT 20	186	G 1.1/4" BSP-F	0.15	R 404 A	230-240	485	455	825	130	69	745	865	46
ETAHT 25	240	G 1.1/4" BSP-F	0.20	R 404 A	230-240	485	455	825	130	69	745	865	50
ETAHT 30	330	G 1.1/2" BSP-F	0.15	R 404 A	230-240	555	580	885	135	85	800	935	55
ETAHT 40	372	G 1.1/2" BSP-F	0.18	R 404 A	230-240	555	580	885	135	85	800	935	63
ETAHT 50	486	G 2" BSP-F	0.09	R 404 A	230-240	555	625	975	240	100	865	1030	92
ETAHT 60	630	G 2" BSP-F	0.13	R 404 A	230-240	555	625	975	240	100	865	103	94
ETAHT 75	750	G 2.1/2" BSP-F	0.07	R 404 A	230-240	665	725	1105	375	190	940	1155	141
ETAHT 90	870	G 2.1/2" BSP-F	0.13	R 404 A	230-240	665	725	1105	375	190	940	1155	150
ETAHT 100	960	G 2.1/2" BSP-F	0.15	R 404 A	230-240	665	725	1105	375	190	940	1155	161

The data in the table refer to the operating conditions shown above.

Correction factor when operating pressure varies								
Inlet air pressure (barg)	4	5	6	7	8	10	12	14
Factor	0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27

Correction factor when ambient temperature varies (air cooling)						
Ambient temperature (°C)	≤ 25	30	35	40	45	50
Factor	1.00	0.99	0.97	0.93	0.88	0.81

Correction factor when inlet air temperature varies										
Air temperature (°C)	≤ 25	30	35	40	45	50	55	60	65	70
Factor	1.27	1.12	1.00	0.88	0.78	0.70	0.62	0.55	0.49	0.43

Correction factor when dew point varies				
Dew point (°C)	3	5	7	10
Factor	1.00	1.09	1.19	1.37