

ARYA SARMAYESH KNOWLEDGE BASE CO HIGH PRESSURE &

Type		ADTCH-100-10	ADTCH-200-20
Drying methode		dehumidifier cooling & tower of silicagel	dehumidifier cooling & tower of silicagel
Order number		142038-AVV-AV	142038-ZVV-ZV
Displacement air	L/m	100	200
Heat added to the tower in time 1)	min	35	45
Specifications of Tower			
Tower dimensions	Diameter	mm	150
	Height	mm	500
Silicagel net weight for each tower		g	3.65
Volume for each tower		L	8.15
Number of tower			2
Heater power for each tower		W	900
External dimensions	Width	mm	700
	Depth	mm	600
	Height	mm	600
Measures			
Net weight of unit		kg	85
Sound pressure level 2)		db(A)	55
Air pump flow		L/min	300
Air pump model			ACO-818
Air pump power		W	385
Air pressure		Bar	8
Air saving tank		L	5
Compressor brand			Danfoss
Compressor type			7.5 G
Refrigerant		R	134
Compressor HP		HP	1/5
Electrical data			
Rated voltage		V	220
Power frequency		Hz	50
Rated power		W	680

Performance values refer to +25 °C ambient temperature .

1) From +25 °C to +90 °C in towers body

2) Measured in 1 m distance from the front and in 1.6 m height at free field measurement accordin

COOLING AIR DRYER

ADTCH-400-30	ADTCH-800-40
dehumidifier cooling & tower of silicagel	dehumidifier cooling & tower of silicagel
142038-YVV-BV	142038-WVV-YV
400	800
48	42
250	250
600	900
12.76	18.84
28.49	42.05
3400	6800
1000	1200
700	700
900	1200
185	253
59	61
8	8
10	10
Danfoss	Danfoss
8.5 G	12 G
134	134
1/4	1/3
220	220
50	50
1850	2550

g to EN ISO 11201 .