



- High Pressure 40 Kg / cm² (g)
- Microprocessor Controller
- Anti Freezer
- Anti Recycle Controller
- Advanced 3 in 1 integral heat exchanger specially made for high pressure
- Large condenser for high ambient temperatures



Refrigeration Compressed Air Dryer - HP Series




Coldspell

Specification of Dryer

Model	Flow in scfm	Power consm. in KW R 134a	End Connection	Dimension in mm			HP Filter Model		HP Drain Model
				H	W	D			
CS 40 - 40	40	0.34	1" BSP (F)	525	450	475	T 851 P EA - 40	T 851 X/Y EA - 40	EDV-X-12
CS 60 - 40	60	0.34	1" BSP (F)	525	450	475			
CS 100 - 40	100	0.36	1" BSP (F)	525	450	475			
CS 150 - 40	150	0.85	1" BSP (F)	675	485	525			
CS 200 - 40	200	1.02	1½" BSP (F)	850	670	700	T 1810 P EA - 40	T 1810 X/Y EA - 40	EDV-X-HD-12
CS 250 - 40	250	1.02	1½" BSP (F)	850	670	700			
CS 300 - 40	300	2.04	1½" BSP (F)	850	670	700			
CS 400 - 40	400	2.04	1½" BSP (F)	850	670	700			
CS 500 - 40	500	2.04	1½" BSP (F)	850	670	700			
CS 650 - 40	650	2.53	2" NBCL 300	900	850	1410			
CS 800 - 40	800	2.85	2" NBCL 300	900	850	1410			
CS 1000 - 40	1000	2.95	2" NBCL 300	900	850	1410			

For any other capacity contact factory. Specifications are subject to change without notification.

Correction Factor


Inlet Air Temperature °C 	30	38	45	50
Correction Factor (Ti)	1.14	1.08	1	0.75
Inlet Pressure Kg/cm ² 	30	40	—	—
Factor (Pi)	0.84	1	—	—
Ambient Temperature °C 	25	30	38	43
Factor (Ta)	1.36	1.18	1.0	0.86

How to Order

Requirement :	Inlet flow	600 scfm
	working pressure	30 Kg / cm ²
	Inlet temperature	45° C
	Ambient temperature	38° C
Referring tables :	Factor Pi	= 0.84
	Factor Ti	= 1
	Factor Ta	= 1
Dryer capacity required :	Flow	= 600
	Pi x Ti x Ta	0.84 x 1 x 1
		= 714 scfm
Choose the nearest higher model :		= Coldspell 800


Applications

- Pharmaceutical Packaging • Blow Molding • Aeronautical valve testing • Injection molding • Chemical plants
- Furnace Manufacturing Unit • Dairy industries



Our Other Range of Products

- Timer based Auto Drain Valve • Level Sensing Auto Drain Valve • Desiccant Dryer (Heatless) • Desiccant Dryer (Heated) • Oxygen & Nitrogen Generators • Flex Dryer



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