



- High pressure 40 Kg / cm² (g)
- Bar indicator controller
- Anti freezer
- Anti recycle controller
- Advanced 3 in 1 integrated SS heat exchanger
- Large condenser for high ambient temperatures



Refrigeration Compressed Air Dryer

Coldspell - HP Series

Specification of dryer

Model	Item code	Flow in scfm	Power consm. in KW R 134a/R407C	End connection	Dimension in mm			**Recommended	
					H	W	D	HP filter model	HP drain model
CS 100 - 40 SS	PH071	100	0.33 / NA	1" BSP (F)	525	450	475	T 250 P EA-40	T 250 XY EA-40
CS 250 - 40 SS	PH117	250	NA / 1.7	1½" BSP (F)	850	670	700	T 600 P EA-40	T 600 XY EA-40
CS 500 - 40 SS	PH120	500	3 / NA	1½" BSP (F)	1275	850	800		

For any other capacity contact factory. Specifications are subject to change without notification. **To be ordered separately.

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	300 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	= 300
	Pi x Ti x Ta	0.84 x 1 x 1
		= 357.14 scfm
Choose the nearest higher model :		= Coldspell 500-40 SS

Applications

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



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