

Specifications

DGH Refrigeration Dryers



Ambient temp. °C:	25
inlet air temp. °C:	35
inlet air pressure, bar:	45
dew point:	class 3 (ISO 8573-1)

DGH High pressure refrigerated air dryers are available in operating up to 45 bar. Unique mono block stainless steel heat exchanger. Heavy duty construction, reliable and long lasting for high pressure applications. DGH series have the advantages of size reducing and anti-corrosion. DGH series is a perfect solutions for refrigerated air dryers applying in PET blow molding, pharmaceutical, injection molding and other application that require high pressure compressed air.

Data						
Model	Refrigerant	m3/h	Connection (BSP-F)	Dimensions WxLxH(mm)	Weight	Power Supply
DGH-87	R134a	87	3/4"	345x409x480	21	230/1/50hz
DGH-150	R134a	150	3/4"	396x462x536	27	230/1/50hz
DGH-198	R134a	198	3/4"	396x462x536	35	230/1/50hz
DGH-252	R134a	252	3/4"	396x462x536	41	230/1/50hz
DGH-360	R407C	360	1"	538x538x684	55	230/1/50hz
DGH-660	R407C	660	1"	527x627x1123	72	230/1/50hz
DGH-1100	R407C	1100	1"	527x627x1123	78	230/1/50hz
DGH-1300	R407C	1300	2"	675x716x1548	190	400/3/50hz
DGH-2100	R407C	2100	2"	657x1156x1709	265	400/3/50hz
DGH-3150	R407C	3150	2"	657x1156x1709	270	400/3/50hz
From DSI 150, optional converter TTLK/RS485						

Correction factor for op. pressure changes, bar					
inlet air pres.	25	30	35	40	45
factor	0,8	0,88	0,94	1	1,05

Correction factor for amb. temp. changes, °C						
amb.temp.	25	30	35	40	45	50
factor	1	0,95	0,90	0,87	0,77	0,64

Correction factor for inlet temp changes, °C									
air temp.	25	30	35	40	45	50	55	60	65
factor	1,20	1,12	1	0,83	0,69	0,59	0,5	0,44	0,39

Correction factor for dew-point changes				
dew-point °C	3	5	7	10
factor	1	1,09	1,19	1,37