

# Large Capacity Dryer

refrigeration dryers



domnick hunter hiross SpA

**HIROSS**

Compressed Air Treatment



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refrigeration dryers

103832 / 03-04 A / 1,000 / RO

Partialised compressor (according to model) for reduced power consumption

Flooded design with "dome" evaporation for closest dew point control

Highest quality materials: aluminium and copper tubes, sand blasted vessels with protective treatment, fully PED certified

Low pressure drop shell & tube design

Sophisticated microprocessor, easy remote supervision

Full access to internal parts for simplified maintenance and increased longevity

Demister separator guarantees low dew point, even at partial air flows

Easily adaptable to individual customer needs

MODEL	22W075	27W100	32W150	37W200	42W250	47W300	52W350	57W400	62W500	67W600
Air flow (m <sup>3</sup> /min)	61	90	116	137	176	200	248	297	363	440
(cfm)	2154	3178	4096	4838	6215	7063	8758	10488	12819	15538
Air connections (flanged PN/DN)	16/150	16/150	16/150	10/200	10/200	10/200	10/200	10/300	10/300	10/300
Water connections (inch)	1"	1"	1"	1"	1"	1"	1 1/2"	1 1/2"	1 1/2"	2 1/2"
Length (mm)	2906	2916	2939	4252	4316	4316	4343	5426	5476	5566
Height (mm)	1750	1770	1770	1850	1865	1910	1920	1920	2000	2000
Width (mm)	1162	1192	1205	1385	1415	1470	1622	1720	1875	2037
Weight (kg)	1250	1400	1500	2100	2290	2400	2650	3500	4500	5000

Performances refer to air suction of FAD 20°C/1 bar A, and the following operating conditions: air suction 25°C/60%RH, 7 barg working pressure, 3°C pressure dew point, 25°C condenser water inlet temperature, 40°C condensing temperature, 35°C compressed air inlet temperature. All indicated data refers to DIN ISO 7183. All models supplied with refrigerant R404A and for operation up to 10 barg. 50Hz models supplied with 400V / 3Ph / 50Hz power supply. 60Hz models also available.



This is to certify that the Quality and Environment Management Systems of domnick hunter hiross S.p.A. have been approved by Lloyd's Register Quality Assurance to the following Quality and Environment Management System Standards: ISO9001:2000 and ISO14001:1996.

Data contained in this publication is to be considered as indicative only. The manufacturer reserves the right to modify data without prior notice.

The Hiross product range: Aftercoolers, Separators, Filters, Refrigeration Dryers, Adsorption Dryers, Condensate Drains, Oil/Water Separators, Water Chillers, Dry Coolers.

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