

THE TREND SETTER'S VITAL STATISTICS...

MODEL	Air flow		Nominal absorbed power kW	Air connections PN/DN	Dimensions (mm)			Weight* (kg)
	m ³ /min	cfm			width* A	height B	depth C	

WATER-COOLED MODELS

QSR130W	130	4591	12,5	DN 150	4.050	-	1.670	755	750
QSR170W	170	6004	16,0	DN 200	4.175	4.208	1.710	927	1.535
QSR225W	225	7946	21,9	DN 200	4.220	4.253	1.750	1.120	1.705
QSR280W	280	9888	28,2	DN 250	5.165	5.198	1.840	1.190	1.535
QSR350W	350	12361	33,1	DN 300	5.175	5.208	1.840	1.190	1.705

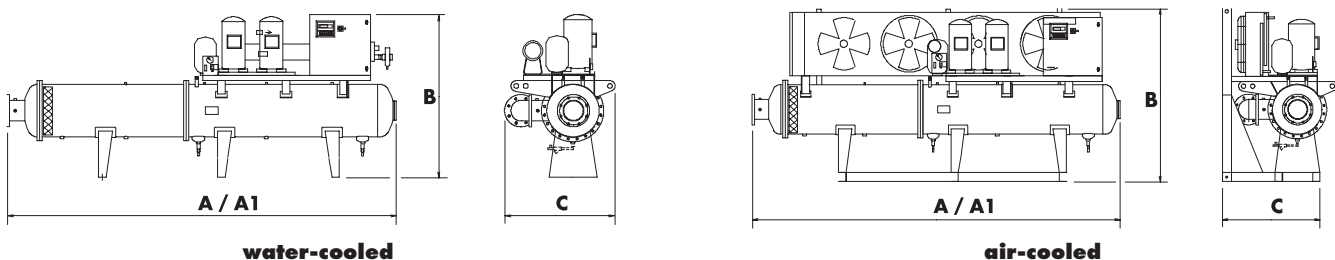
AIR-COOLED MODELS

QSR130A	130	4591	12,3	DN 150	4.050	-	2.115	1.595	780
QSR170A	170	6004	16,2	DN 200	4.175	4.208	2.115	1.595	1.345
QSR225A	225	7946	22,3	DN 200	4.220	4.253	2.115	1.595	1.570

Performances refer to air suction of FAD 20°C, 1 bar A and the following operating conditions: air suction 25°C/60%RH, 7 bar g working pressure, 3°C pressure dew point, 35°C compressed air inlet temperature, either 25°C condenser water inlet temperature with 40°C condensing temperature (water-cooled models) or 25°C cooling air temperature (air-cooled models). All indicated data refers to DIN ISO 7183.

All models supplied with refrigerant R407C and for operation up to 10 bar g. 50 Hz models supplied with 400V /3Ph /50Hz power supply. 60 Hz models also available.

* dimension A refers to standard models, dimension A1 to double-flanged models. Weight refers to standard models.



Air flow correction factors for differing working conditions

A) working pressure barg	3	4	5	6	7	8	9	10
correction factor	0,64	0,76	0,86	0,94	1	1,06	1,10	1,13
B) inlet temperature °C	30	35	40	45	50	55	60	65
correction factor	1,20	1	0,82	0,68	0,56	0,46	0,44	0,42
D) ambient temperature °C		20	25	30	35	40	45	
correction factor (air-cooled models only)		1,02	1	0,98	0,93	0,87	0,80	
C) pressure dew point °C		3		5		7		
correction factor		1		1,14		1,19		

To obtain the required air flow multiply the air flow by the above correction factors (ie. Air flow x A x B x C). Quasar can operate upto ambient temperatures of 50°C and inlet temperatures of 65°C. The above correction factors are approximative; for a precise selection always refer to the software selection program.



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 (Certificate LRC160001) and ISO14001:1996 (Certificate LRC160001/14).

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.

domnick hunter hiross SpA

HIROSS

Compressed Air Treatment