

Dynamic Heat Generator



Model A2R300

20 HP – 15 KW – 55,000 BTU/HR

dy-nam-ic heat gen-er-a-tor [dahy-nan-ik, heet, jen-uh-rey-ter]

noun

1. A machine that effectively converts mechanical energy into heat.
2. A device that converts mechanically energy (rotary) to heated fluid energy. Driven shaft and rotor forces fluid into a centrifugal and spiral motion, propelled fluid collides into fixed end plates creating sheared (heated) fluid.

ISLAND CITY LLC

www.islandcity.us

Model

A2R300

Drive (Input)

Air conditioning clutch with double V or 6\8 rib serpentine drive pulley
Clutch 12 VDC – standard 24 VDC – optional
SAE pump mounts – SAE A or B mount

Drive (Output)

M4 Motor Drive
SAE pump mounts – SAE AA or A mount

Exterior Mount

SAE air conditioning tang or manifold
SAE pump mount with feet with spline shaft

Capacities (Heat Output)

Rated output of 20Hp – 15 KW – 55,000 BTU/HR of continuous heated fluid at 3,600 RPM

Flow Rate (GPM)

Typical flow rate of 3-5gpm at rated speed
Standard Ports – ORB
Alternate ports – optional

Fluids

50/50 Glycol
Petroleum Oil
Alternate Fluids – Upon Approval

Efficiency

95% or better at design speed

**ISLAND CITY** LLC

1800 West Taylor Street Merrill, WI 54452
Phone 715-536-8600 Cell 920-540-6086
www.islandcity.us

DISTRIBUTORS

For a complete list of distributors refer to www.islandcity.us - Contact Us – Distributors.